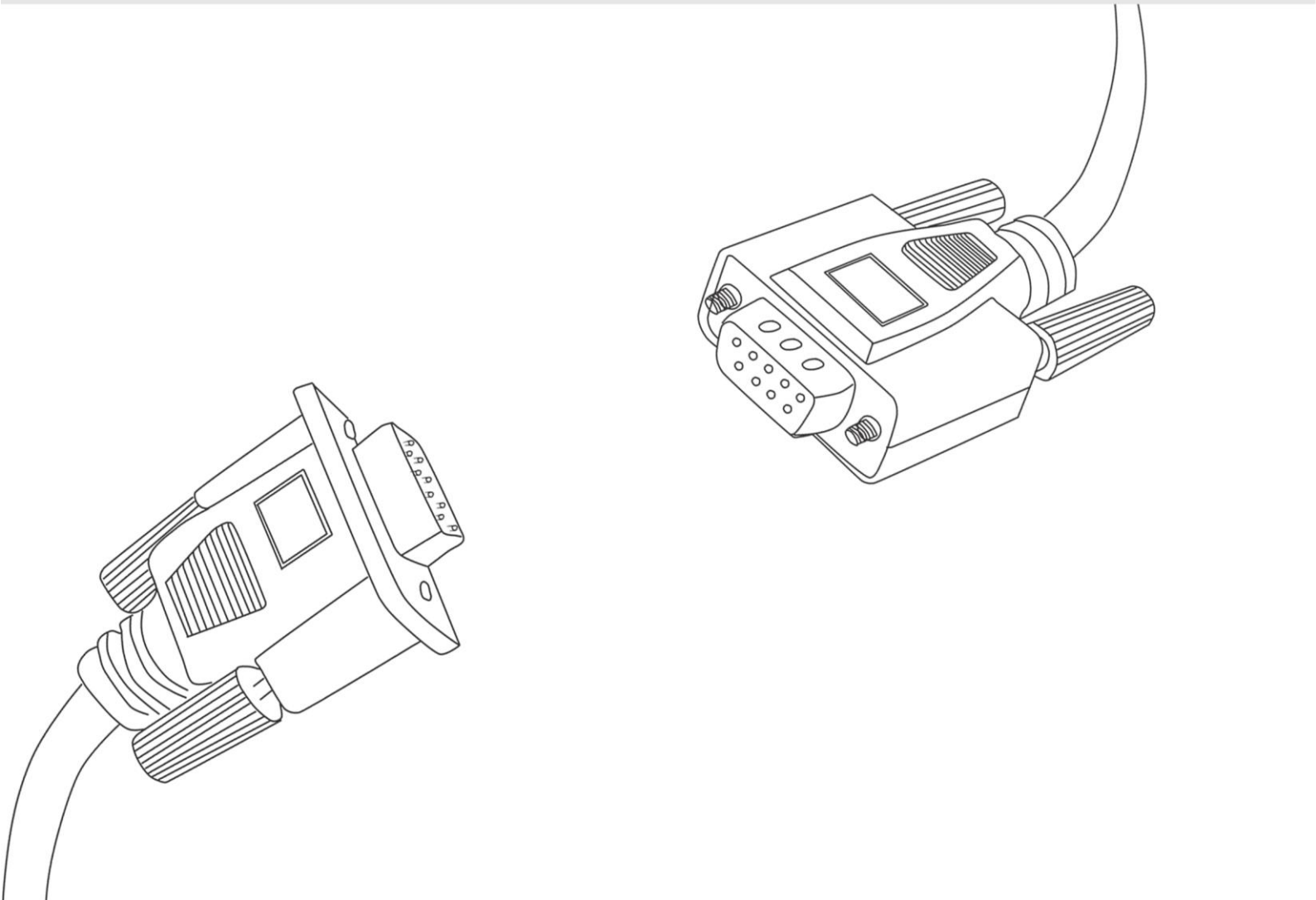
WEINVIEW

PLC连接手册



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YOKOGAWA FA-M3 1053
YOKOGAWA FA-M3 (Ethernet) 1060
YUDIAN AIBUS 1062

ABB AC500

支持系列: ABB AC500

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	ABB AC500		
PLC 界面	RS485 2W	RS232/RS485 2W / Ethernet	
传输速率	19200		
校验	Even		
数据位	8		
停止位	1		
PLC 站号	1		

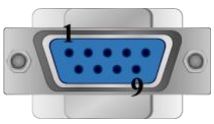
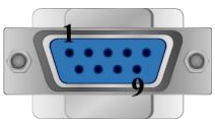
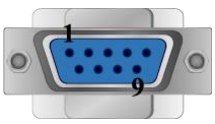
设备类型:

字符/位	设备型态	格式	范围	注释
B	MX0	DDDDo	0 ~ 81917	
B	MW0	DDDDD	0 ~ 32767	
B	MW1	DDDDD	0 ~ 32767	

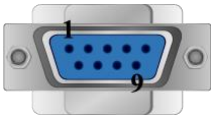
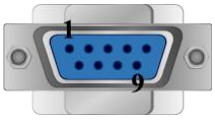
接线图:

以下图表示从连接线的焊接端所视.

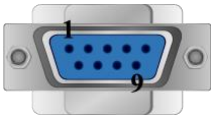
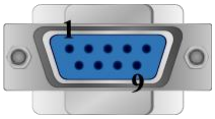
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		PLC COM2 RS232 9P D-Sub Female
2 RX	8 RX		2 TX
3 TX	7 TX		3 RX
5 GND	5 GND		5 GND
			

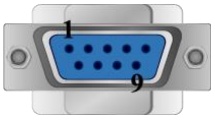
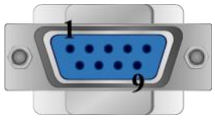
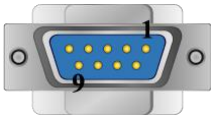
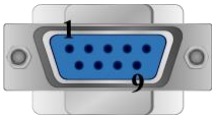
cMT-SVR-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			PLC COM2 RS232 9P D-Sub Female
2 RX			2 TX
3 TX			3 RX
5 GND			5 GND
			

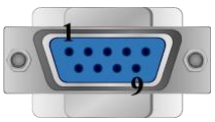
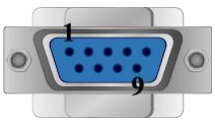
MT8000iE series

COM1 RS232 9P D-Sub Female			PLC COM2 RS232 9P D-Sub Female
2 RX			2 TX
3 TX			3 RX
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

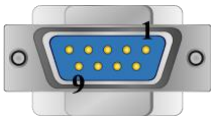
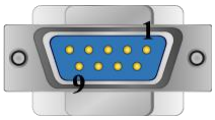
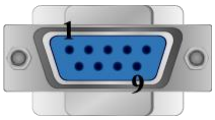
COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	PLC COM2 RS232 9P D-Sub Female
2 RX	6 RX	8 RX	2 TX
3 TX	4 TX	7 TX	3 RX
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

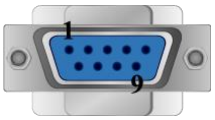
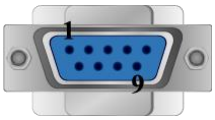
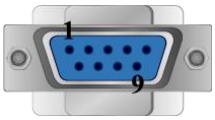
COM1 RS232 9P D-Sub Female			PLC COM2 RS232 9P D-Sub Female
9 RX			2 TX
6 TX			3 RX
5 GND			5 GND
			

以下图表示从连接线的焊接端所视.

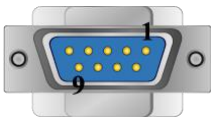
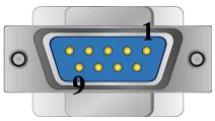
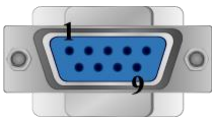
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		PLC COM2 RS485 2W 9P D-Sub Female
1 RX-	6 Data-		8 Data-
2 RX+	9 Data+		3 Data+
5 GND	5 GND		5 GND
			

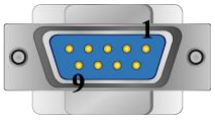
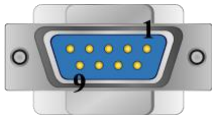
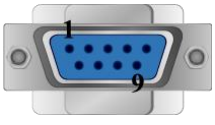
cMT-SVR-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		PLC COM2 RS485 2W 9P D-Sub Female
7 RX-	4 Data-		8 Data-
6 RX+	1 Data+		3 Data+
5 GND	5 GND		5 GND
			

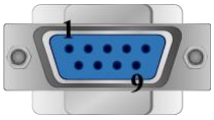
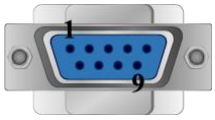
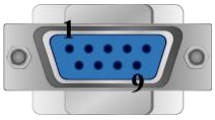
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		PLC COM2 RS485 2W 9P D-Sub Female
1 RX-	7 Data-		8 Data-
2 RX+	8 Data+		3 Data+
5 GND	9 GND		5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		PLC COM2 RS485 2W 9P D-Sub Female
1 RX-	6 Data-		8 Data-
2 RX+	9 Data+		3 Data+
5 GND	5 GND		5 GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		PLC COM2 RS485 2W 9P D-Sub Female
1 RX-	7 Data-		8 Data-
2 RX+	8 Data+		3 Data+
5 GND	5 GND		5 GND
			

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

驱动版本:

版本	日期	叙述
V1.00	Dec/19/2012	发布驱动程序.

Altus ALNET-I

支持系列: Altus SeriesMode PO3042, PO3142, PO3242, PO3342, PL103 ,PL104, PL105, QK800, QK801, QK2000.

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	Altus ALNET-I		
PLC 界面	RS232		
传输速率	9600		
校验	Even		
数据位	8		
停止位	1		
PLC 站号	0		

设备类型:

字符/位	设备型态	格式	范围	注释
B	M_Bit	DDDDh	0 ~ 1023f	Memories
B	A	DDDh	0 ~ 511f	Auxiliary Relays
B	E	DDDh	0 ~ 511f	Input Relays
B	D_Bit	DDDDdd	0 ~ 102331	Decimals
B	F_Bit	DDDDdd	0 ~ 102331	Reals
B	I_Bit	DDDDdd	0 ~ 102331	Integers
B	S	DDDh	0 ~ 511f	Output Relays
W	M	DDDD	0 ~ 4096	Memories
DW	D	DDDD	0 ~ 4096	Decimals
DW	F	DDDD	0 ~ 1023	Reals
DW	I	DDDD	0 ~ 1023	Integers
W	TM	HHHH	0 ~ ffff*	Memory Tables
DW	TD	HHHH	0 ~ ffff*	Decimal Tables
W	TF	HHHH	0 ~ ffff*	Real Tables
DW	TI	HHHH	0 ~ ffff*	Integer Tables

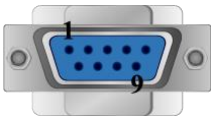
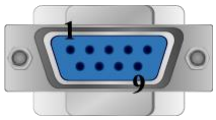
注释: TM、TD、TF、TI 在原厂软件的表示格式为 TXA[B], “X”为M、D、F、I，B是数值，范围是 0 ~ FF, A 范围 0 ~ FF，故此类装置类型的前 2 个位是代表“A”，后两位代表“B”，至于范围的大小要取决于 PLC 缓存器的规划设定，并非每款此种 PLC 均有相同可供读取范围。以本测试的 PLC 为例，“A”的范围只有”0” , “B”范围为 0 ~ 7。

接线图:

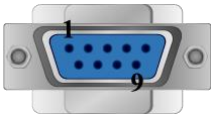
以下图表示从连接线的焊接端所视.

9P D-Sub to 8P RJ45: PLC PO3042, PO3142, PO3242, PO3342

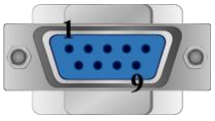
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		PLC RS232 8P RJ45 Male
2 RX	8 RX		2 TX
3 TX	7 TX		3 RX
5 GND	5 GND		5 GND
			

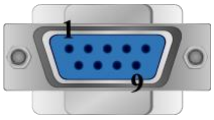
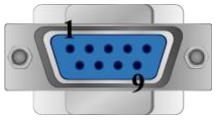
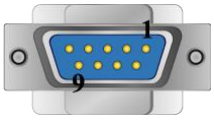
cMT-SVR-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			PLC RS232 8P RJ45 Male
2 RX			2 TX
3 TX			3 RX
5 GND			5 GND
			

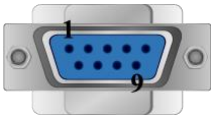
MT8000iE series

COM1 RS232 9P D-Sub Female			PLC RS232 8P RJ45 Male
2 RX			2 TX
3 TX			3 RX
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	PLC RS232 8P RJ45 Male
2 RX	6 RX	8 RX	2 TX
3 TX	4 TX	7 TX	3 RX
5 GND	5 GND	5 GND	5 GND
			

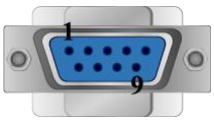
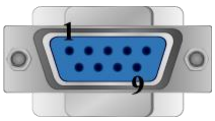
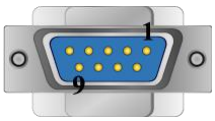
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			PLC RS232 8P RJ45 Male
9 RX			2 TX
6 TX			3 RX
5 GND			5 GND
			

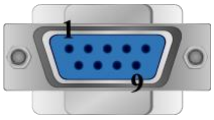
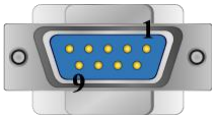
以下图表示从连接线的焊接端所视.

9P D-Sub to 9P D-Sub: PLC PL103, PL104, PL105

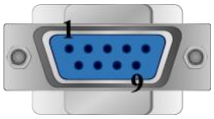
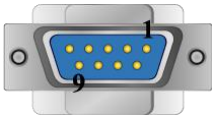
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		PLC RS232 9P D-Sub Male
2 RX	8 RX		7 TX
3 TX	7 TX		1 RX
5 GND	5 GND		5 GND
			

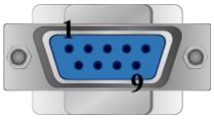
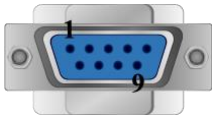
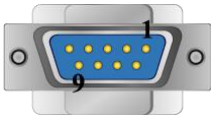
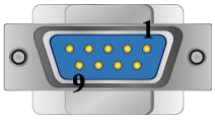
cMT-SVR-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			PLC RS232 9P D-Sub Male
2 RX			7 TX
3 TX			1 RX
5 GND			5 GND
			

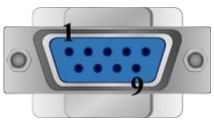
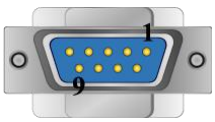
MT8000iE series

COM1 RS232 9P D-Sub Female			PLC RS232 9P D-Sub Male
2 RX			7 TX
3 TX			1 RX
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	PLC RS232 9P D-Sub Male
2 RX	6 RX	8 RX	7 TX
3 TX	4 TX	7 TX	1 RX
5 GND	5 GND	5 GND	5 GND
			

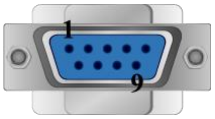
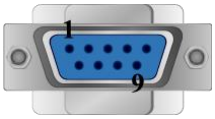
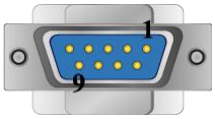
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			PLC RS232 9P D-Sub Male
9 RX			7 TX
6 TX			1 RX
5 GND			5 GND
			

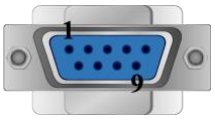
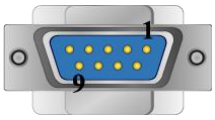
以下图表示从连接线的焊接端所视.

9P D-Sub to 9P D-Sub: PLC QK800, QK801, QK2000.

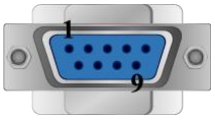
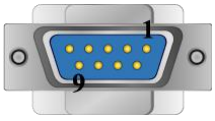
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		PLC RS232 9P D-Sub Male
2 RX	8 RX		2 TX
3 TX	7 TX		3 RX
5 GND	5 GND		7 GND
			

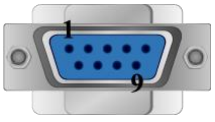
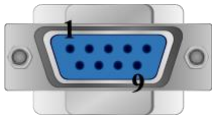
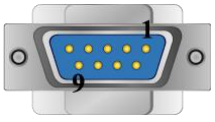
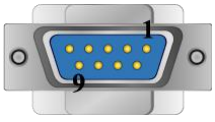
cMT-SVR-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			PLC RS232 9P D-Sub Male
2 RX			2 TX
3 TX			3 RX
5 GND			7 GND
			

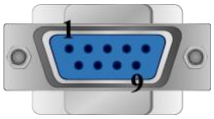
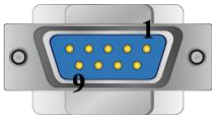
MT8000iE series

COM1 RS232 9P D-Sub Female			PLC RS232 9P D-Sub Male
2 RX			2 TX
3 TX			3 RX
5 GND			7 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	PLC RS232 9P D-Sub Male
2 RX	6 RX	8 RX	2 TX
3 TX	4 TX	7 TX	3 RX
5 GND	5 GND	5 GND	7 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			PLC RS232 9P D-Sub Male
9 RX			2 TX
6 TX			3 RX
5 GND			7 GND
			

驱动版本:

版本	日期	叙述
V1.10	Jul/24/2009	

BACnet BACnet/IP

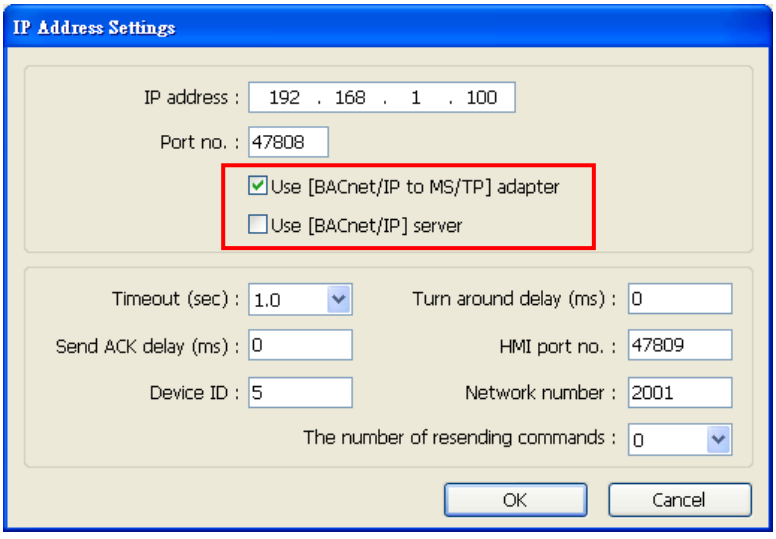
支持系列: 支持各种 BACnet/IP 协议设备

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	BACnet/IP		
PLC 界面	Ethernet		
端口	47808		47808 为标准 BACnet 协议通讯端口
HMI 端口号	47808	47808~47823	连接多台设备需设定不同的 HMI 端口号
设备 ID	342566	0~999999	依照设备 ID 设定
PLC 站号	1		

BACnet/IP to MS/TP Adapter 设定:

1. 使用 BACnet/IP 驱动，若使用 BACnet/IP to MS/TP Adapter 或使用 BACnet/IP Server 通讯时需正确勾选下方选项。





BACnet/IP to MS/TP

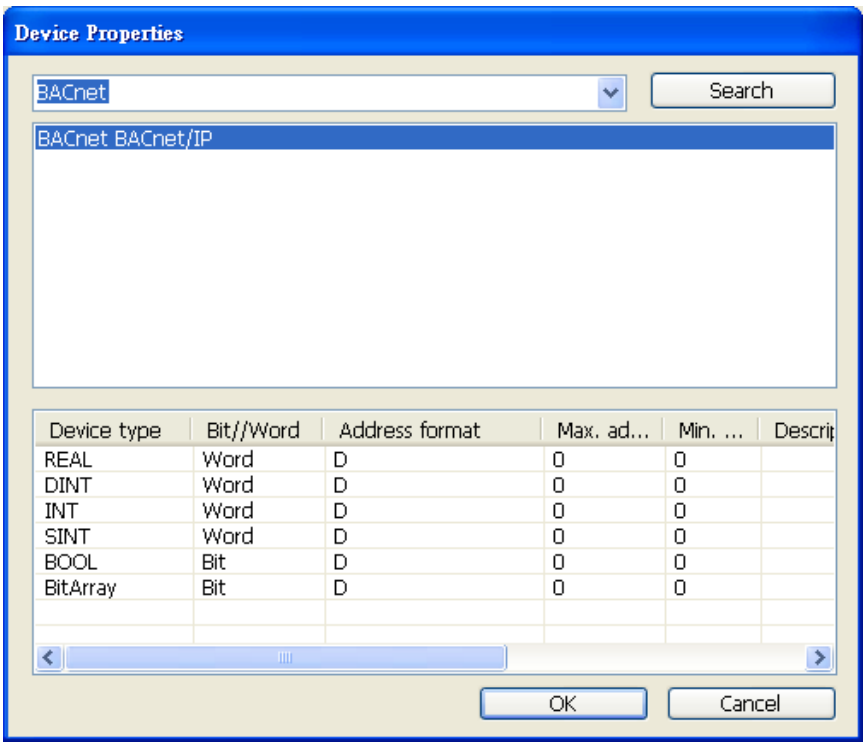
2.如上图所示使用 BACnet/IP to MS/TP Adapter 模式，Network number 须依原厂设定输入，Device ID 此时为设备站号。

3.HMI port no 欲设值为 47808，可变更为其他有效值。

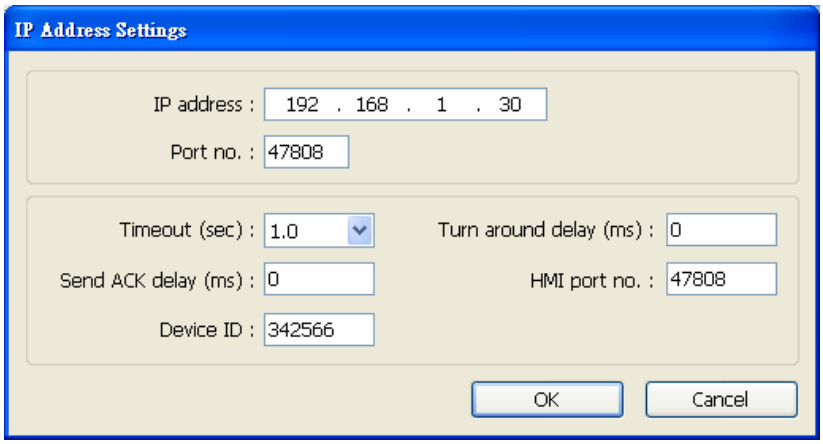
如何汇入标签:

EasyBuilder Pro 提供两种方式取得卷标地址，用户可以透过网络联机直接取得卷标地址信息,另一种方式是由 SCADA 软件导出产生的 CSV 格式档案，再将其汇入 EasyBuilder Pro 之中，以下介绍如何汇入卷标地址信息。

步骤 1. 在系统参数设定里新增 BACnet/IP 驱动

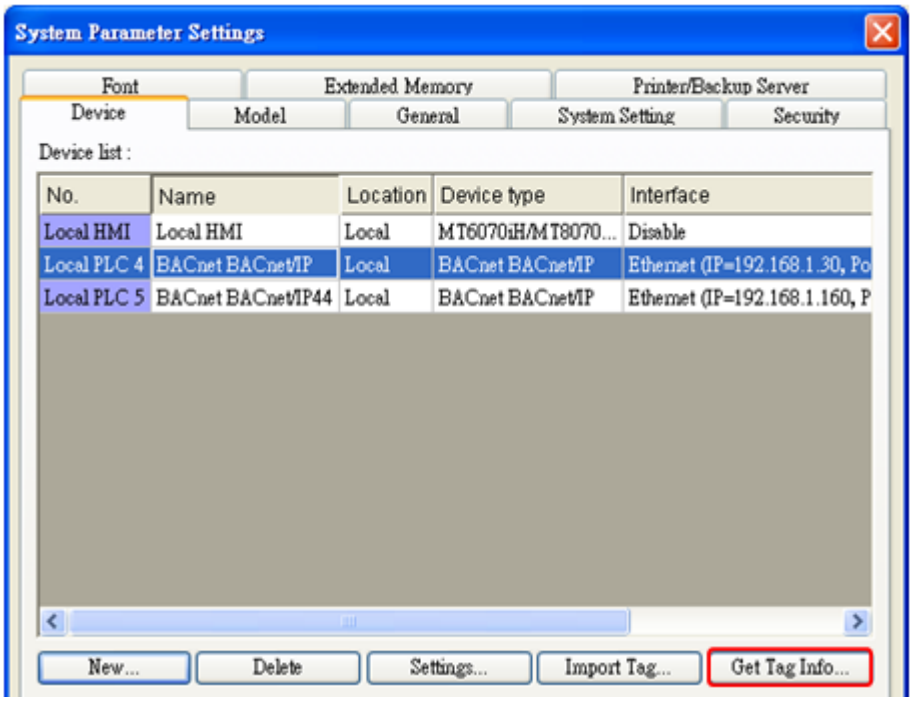


步骤 2. 正确输入各项设备参数

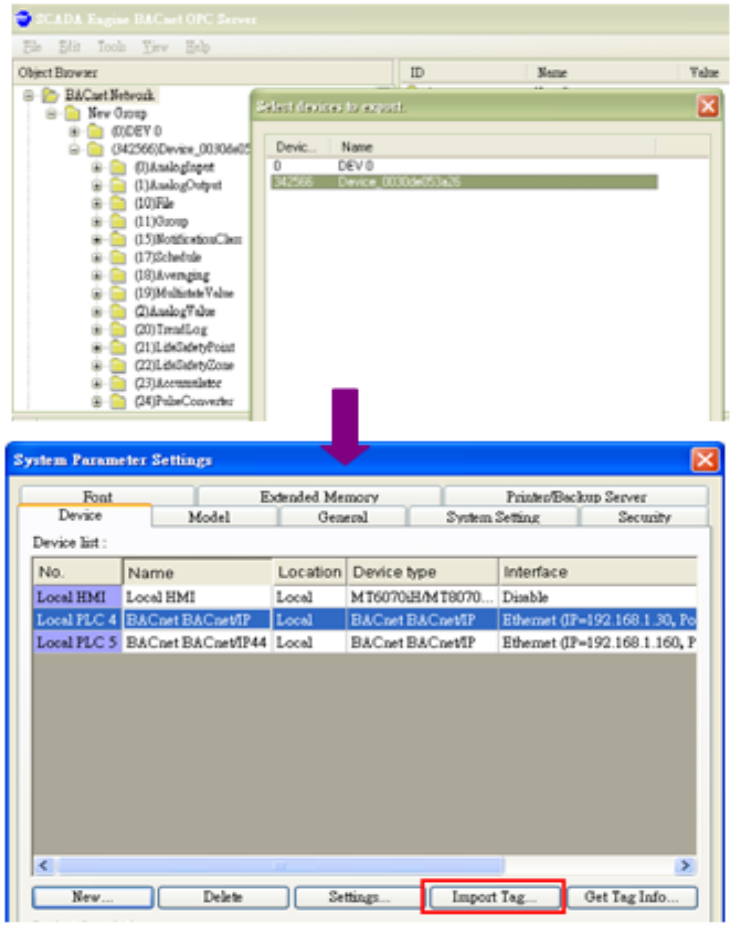


步骤 3. 取得卷标地址信息

方法一： 点选**取得卷标地址信息**。



方法二：汇入 SCADA 软件所产生的 CSV 档案。



CSV 文件格式如下，使用者也可以自行建立汇入：

a. 对象格式

b. OBJECT NAME(代表用户自定义标签名称, EasyBuilder 会从 CSV 档的第六行开始读取数据),DEVICE ID ,OBJECT TYPE(代表对象 ID)及 INSTANCE(代表对象地址)

A1 GROUP_ID

	A	B	C	D
1	GROUP_ID	GROUP_NAME		
2	1	New Group		
3	DEVICE_ID	GROUP_ID	DEVICE_NAME	
4	342566	1	Device_0030de053a26	
5	DEVICE_ID	OBJECT_TYPE	INSTANCE	OBJECT_NAME
6	342566	0	0	ANALOG_INPUT_0
7	342566	0	1	ANALOG_INPUT_1
8	342566	0	2	ANALOG_INPUT_2
9	342566	1	0	ANALOG_OUTPUT_0
10	342566	1	1	ANALOG_OUTPUT_1
11	342566	1	2	ANALOG_OUTPUT_2
12	342566	2	0	ANALOG_VALUE_0
13	342566	2	1	ANALOG_VALUE_1
14	342566	2	2	ANALOG_VALUE_2
15	342566	2	3	ANALOG_VALUE_3
16	342566	3	0	BINARY_INPUT_0
17	342566	3	1	BINARY_INPUT_1
18	342566	3	2	BINARY_INPUT_2
19	342566	3	3	BINARY_INPUT_3
20	342566	3	4	BINARY_INPUT_4
21	342566	3	5	BINARY_INPUT_5

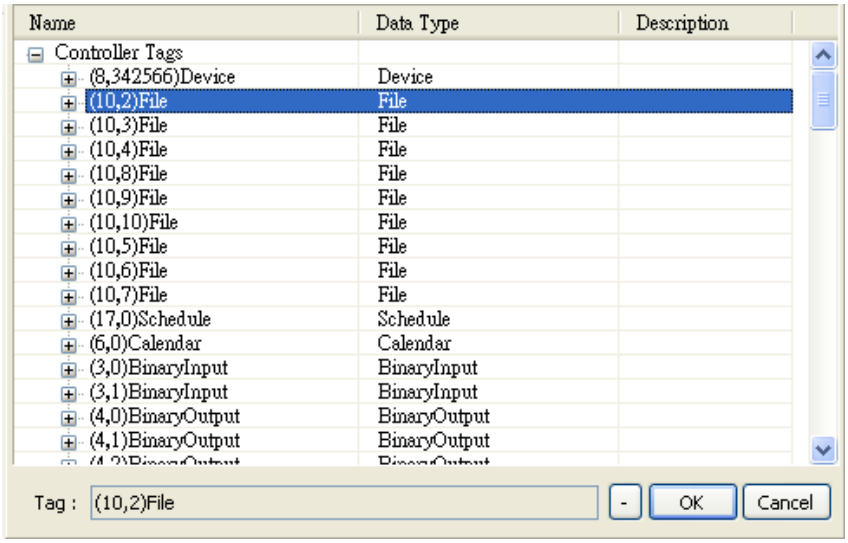
a

b

步骤 4. 汇入成功



以**(10，2)File** 为例，**10** 代表对象 ID，**2** 代表对象地址，**File** 代表用户自定义名称或标准命名。



标准对象模型:

物件 ID	对象名称	对象结构
0	Analog Input	Object Name Object Identifier Object Type Present Value Event State Out Of Service Units Min Press Value Max Press Value Cov Increment Resolution High Limit Low Limit Dead Band Profile Name
1	Analog Output	Object Name Object Identifier Object Type Present Value Event State Out Of Service Units Relinquish Default Min Press Value Max Press Value Cov Increment Resolution High Limit Low Limit Dead Band Profile Name
2	Analog Value	Object Name Object Identifier Object Type Present Value Event State

物件 ID	对象名称	对象结构
		Out Of Service Units Relinquish Default Cov Increment High Limit Low Limit Dead Band Profile Name
3	Binary Input	Object Name Object Identifier Object Type Present Value Event State Out Of Service Polarity Profile Name Notify Type Alarm Value
4	Binary Output	Object Name Object Identifier Object Type Present Value Event State Out Of Service Polarity Profile Name Notify Type
5	Binary Value	Object Name Object Identifier Object Type Present Value Event State Out Of Service Profile Name Notify Type Alarm Value
6	Calendar	Object Name Object Identifier

物件 ID	对象名称	对象结构
		Object Type Present Value
7	Command	Object Name Object Identifier Object Type Present Value In Process All Writes Successful
8	Device	Object Name Object Identifier Object Type System Status Vendor Name Vendor Identifier Model Name Firmware Revision Application Software Version Protocol Version Protocol Revision Max APDU length Accepted Segmentation Supported Apdu Timeout Number Of APDU retries Data Base Revision Max Segments Accepted Day light Savings Status Apdu Segment Timeout Backup Failure Timeout
10	File	Object Name Object Identifier Object Type File Type File Size Archive Read Only
11	Group	Object Name Object Identifier Object Type

物件 ID	对象名称	对象结构
13	Multi State Input	Object Name Object Identifier Object Type Present Value Event State Out Of Service Reliability Number Of States Time Delay Notification Class Notify Type Profile Name
14	Multi State Output	Object Name Object Identifier Object Type Present Value Event State Out Of Service Reliability Number Of States Time Delay Notification Class Notify Type Profile Name
15	Notification Class	Object Name Object Identifier Object Type Notification Class Priority
17	Schedule	Object Name Object Identifier Object Type Present Value Priority For Writing Reliability Out Of Service
18	Averaging	Object Name Object Identifier

物件 ID	对象名称	对象结构
		Object Type Minimum Value Average Value Maximum Value Attempted Samples Valid Samples Window Interval Window Samples
19	Multi State Value	Object Name Object Identifier Object Type Present Value Event State Out Of Service Reliability Number Of States Notification Class Notify Type Profile Name Time Delay
20	Trend Log	Object Name Object Identifier Object Type Enable Stop When Full Buffer Size Record Count Total Record Count
21	Life Safety Point	Object Name Object Identifier Object Type Present Value Tracking Value Event State Reliability Out Of Service Mode Silenced

物件 ID	对象名称	对象结构
22	Life Safety Zone	Object Name Object Identifier Object Type Present Value Tracking Value Event State Reliability Out of Service Mode Silenced
23	Accumulator	Object Name Object Identifier Object Type Present Value Event State Out Of Service Scale Units Reliability
24	Pulse Converter	Object Name Object Identifier Object Type Present Value Event State Out Of Service Units Scale Factor Adjust Value High Limit Low Limit Dead Band Cov Increment Count

注 1.对象卷标名称不可用有包含#字符

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

驱动版本:

版本	日期	叙述
V1.00	Jan/12/2012	发布驱动程序.

Barcode/Keyboard (USB/COM)

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Barcode/Keyboard (USB/COM)		
PLC 界面	RS232	RS232/485,USB	
传输速率	9600	9600~115200	
数据位	8	7,8	
校验	None	None, Even, Odd	
停止位	1	1,2	
结束码设定	CR/LF	CR/LF, STX/ETX, Other, None	

★在驱动设定里,可选择"Barcode device"或"Keyboad"模式.



设备类型:

字符/位	设备类型	格式	范围	注释
B	FLAG	DD	0	旗标
B	RESET	O	0	*Note 1
W	BARCODE 0	DD	0	长度
W	BARCODE 1	DD	1~255	字符串
W	RESULT	D	0	*Note 2

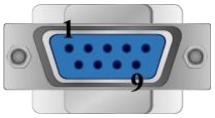
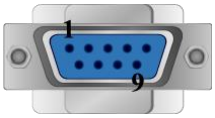
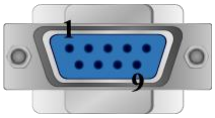


1. RESET：当此地址类型的状态设定为 ON 时，系统会将 FLAG 的状态设定为 OFF，并清除 BARCODE 和 RESULT 地址类型中的数据。
2. RESULT :指示 BARCODE 的读取结果，各项数值所表示的意义如下:
   0：等待读取数据。
   1：数据读取成功。
   2：数据格式错误。(读取到不属于 BARCODE 的数据)
   3：在启用 [可读取的最大 byte 数目] 时，读取的数据长度超过所设定的大小。
   4：在启用 [检查起始码] 时，所读取数据的起始码不符合设定值。
   5：在启用 [结束码] 时，所读取数据的结束码不符合设定值。

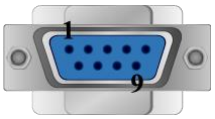
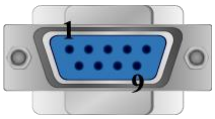
接线图:

以下图表示从连接线的焊接端所视.

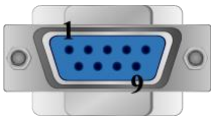
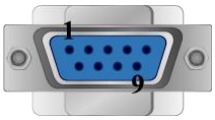
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub FeMale
2 RX	8 RX		TXD
3 TX	7 TX		RXD
5 GND	5 GND		GND
			

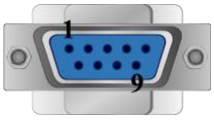
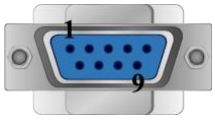
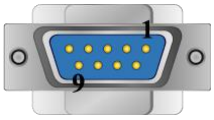
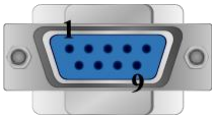
cMT-SVR-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub FeMale
2 RX			TXD
3 TX			RXD
5 GND			GND
			

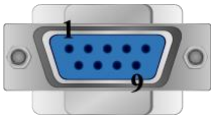
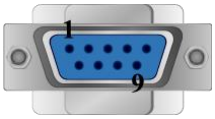
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub FeMale
2 RX			TXD
3 TX			RXD
5 GND			GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub FeMale
2 RX	6 RX	8 RX	TXD
3 TX	4 TX	7 TX	RXD
5 GND	5 GND	5 GND	GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub FeMale
9 RX			TXD
6 TX			RXD
5 GND			GND
			

驱动版本:

版本	日期	叙述
V1.30	Oct/1/2010	

Baumuller

网站: http://www.baumuller.com/

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	Baumuller		
PLC 界面	RS485 4W		
传输速率	19200	9600, 19200	
校验	Even	Even, Odd, None	
数据位	8	7 or 8	
停止位	1	1 or 2	
HMI 站号	0		
PLC 站号	0	预设 s	

PLC 设定：

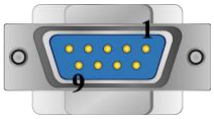
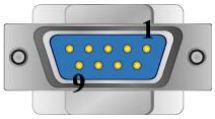
通讯模式	RK 512 Protocol, 19200, 8, 1, Even

设备类型:

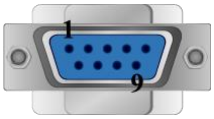
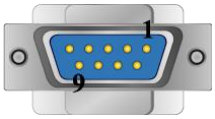
字符/位	设备型态	格式	范围	注释
B	DB0_bit ~ DB29_bit	DDDh	0 ~ 255f	
W	DB0 ~ DB29	DDD	0 ~ 255	

接线图:

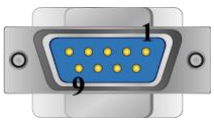
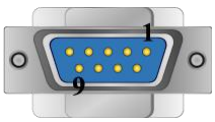
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			Baumuller servo RS422 9P D-Sub Male
1 RX-			1 TXD-
2 RX+			9 TXD+
3 TX-			5 RXD-
4 TX+			6 RXD+
5 GND			8 GND
			

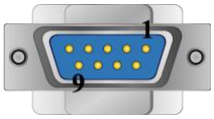
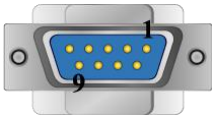
cMT-SVR-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			Baumuller servo RS422 9P D-Sub Male
7 RX-			1 TXD-
6 RX+			9 TXD+
9 TX-			5 RXD-
8 TX+			6 RXD+
5 GND			8 GND
			

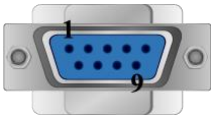
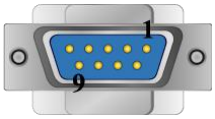
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			Baumuller servo RS422 9P D-Sub Male
1 RX-			1 TXD-
2 RX+			9 TXD+
3 TX-			5 RXD-
4 TX+			6 RXD+
5 GND			8 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			Baumuller servo RS422 9P D-Sub Male
1 RX-			1 TXD-
2 RX+			9 TXD+
3 TX-			5 RXD-
4 TX+			6 RXD+
5 GND			8 GND
			

MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			Baumuller servo RS422 9P D-Sub Male
1 RX-			1 TXD-
2 RX+			9 TXD+
3 TX-			5 RXD-
4 TX+			6 RXD+
5 GND			8 GND
			

驱动版本:

版本	日期	叙述
V1.10	Apr/17/2009	

Beckhoff ADS/AMS (Ethernet)

支持系列: Twincat

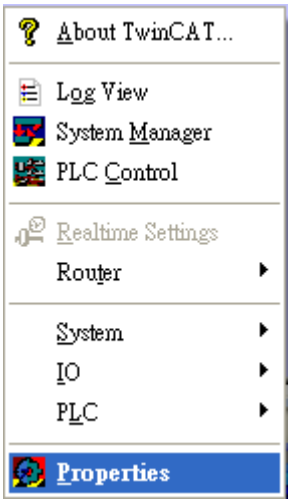
HMI 设定:

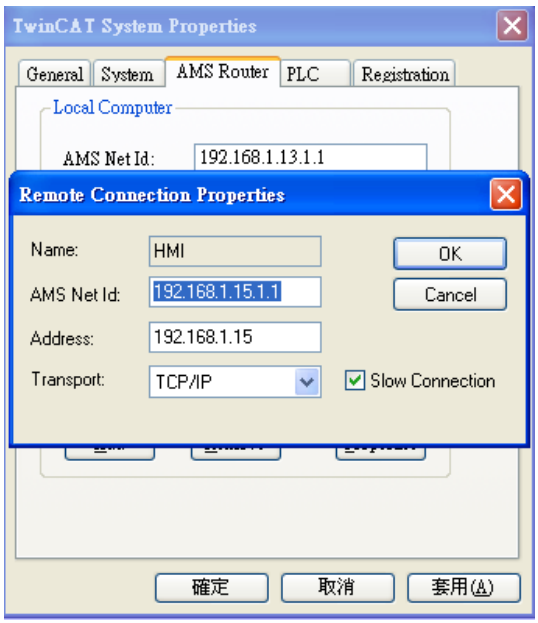
参数设定	推荐	选项	注释
PLC 类型	Beckhoff ADS/AMS (Ethernet)		
PLC 界面	Ethernet		
端口	48898		
ADS 埠	801	801, 811, 821, 831	
PLC 站号	1		

PLC 设定:

Step1.

开启 TwinCat System Properties





PLC 设定: 设定 HMI Name, AMS Net ID, 和 Address.

Ex:

HMI IP: 192.168.1.15

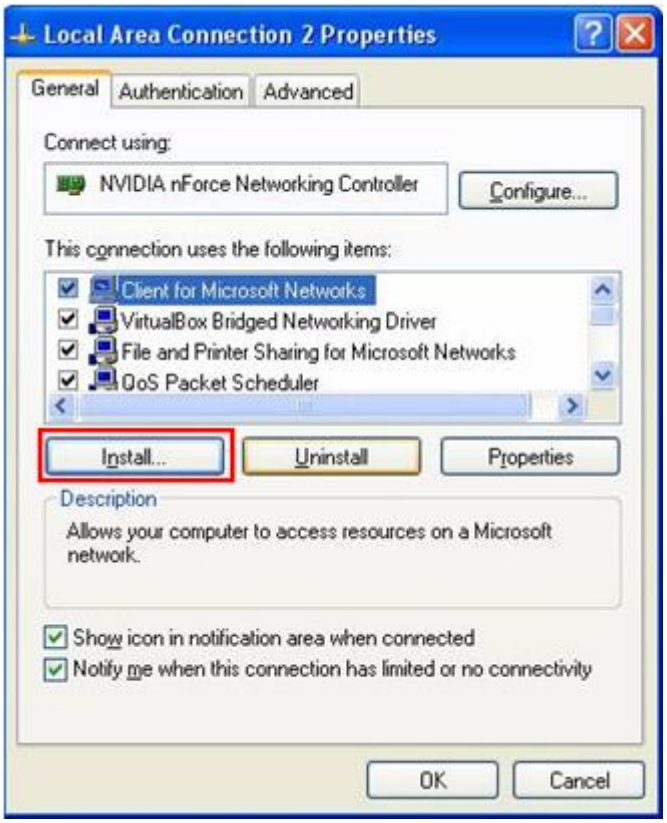
AMSNetID: Must input 192.168.1.15.1.1

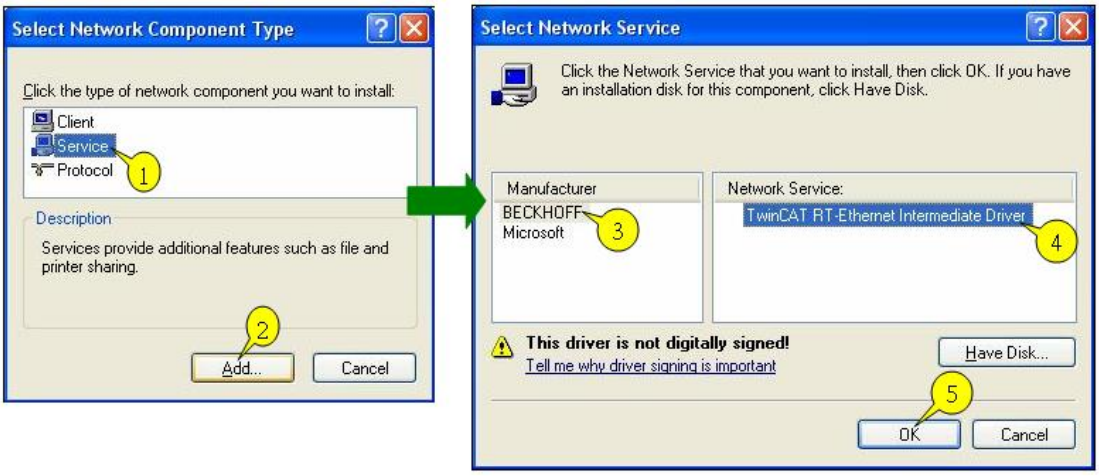
Address: 192.168.1.15

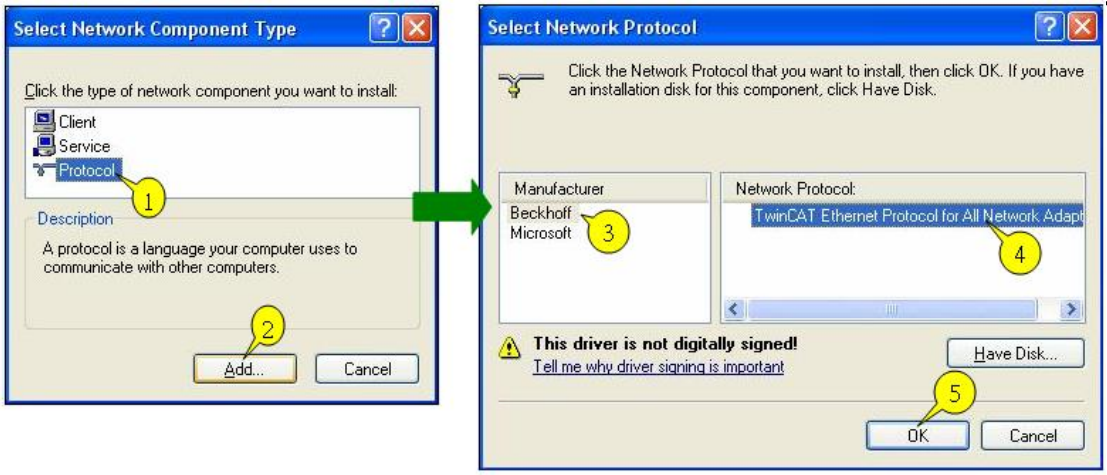
Name: 输入 “HMI” 或其他指定名称.

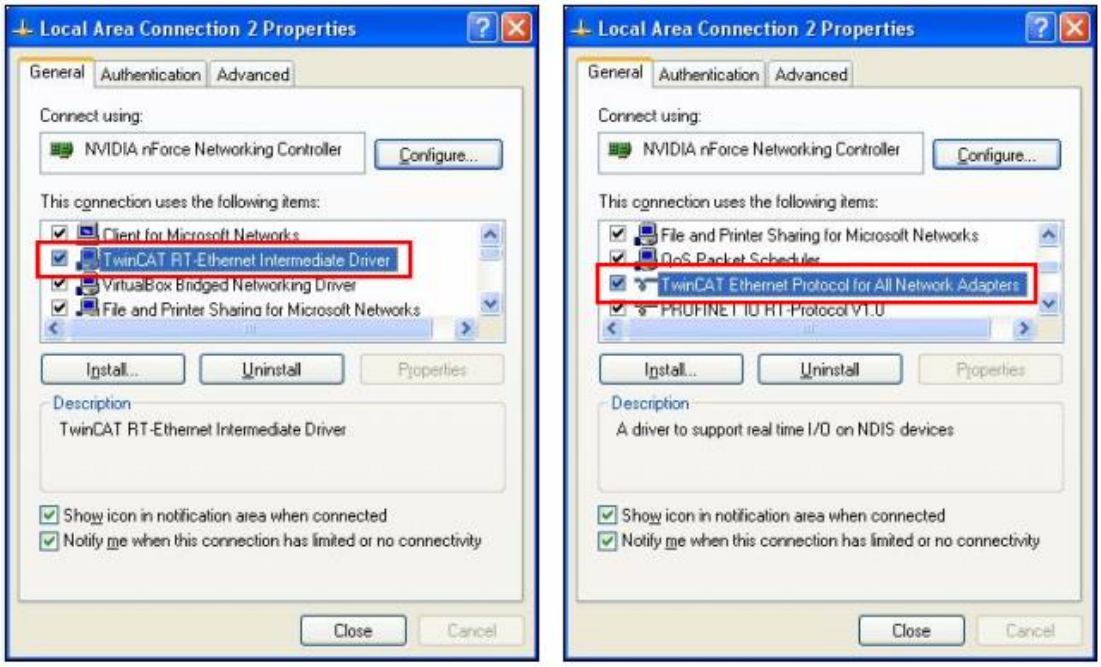
Step2.

在 PC 上模拟 PLC. 2 个 Twincat 驱动需安装如下:



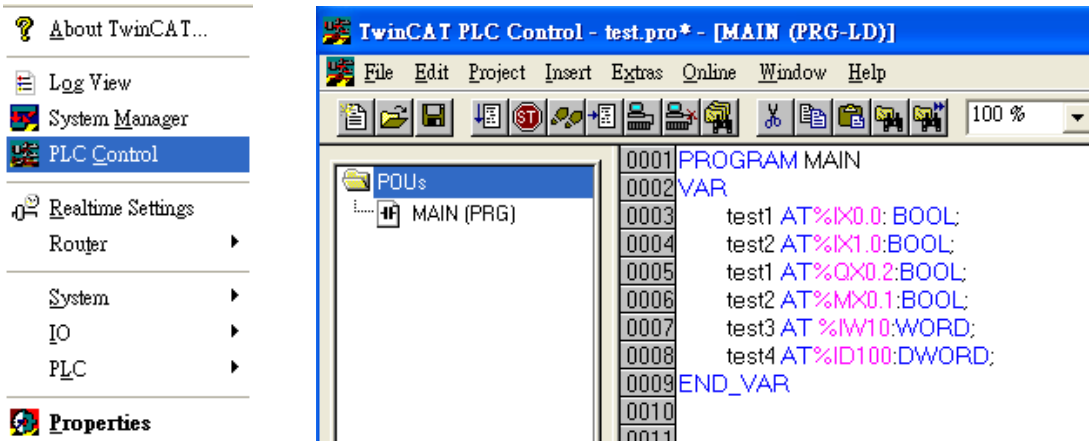






Step3.

下列命令可利用 Twincat PLC 来输出参数设定.



PS. Twincat PLC

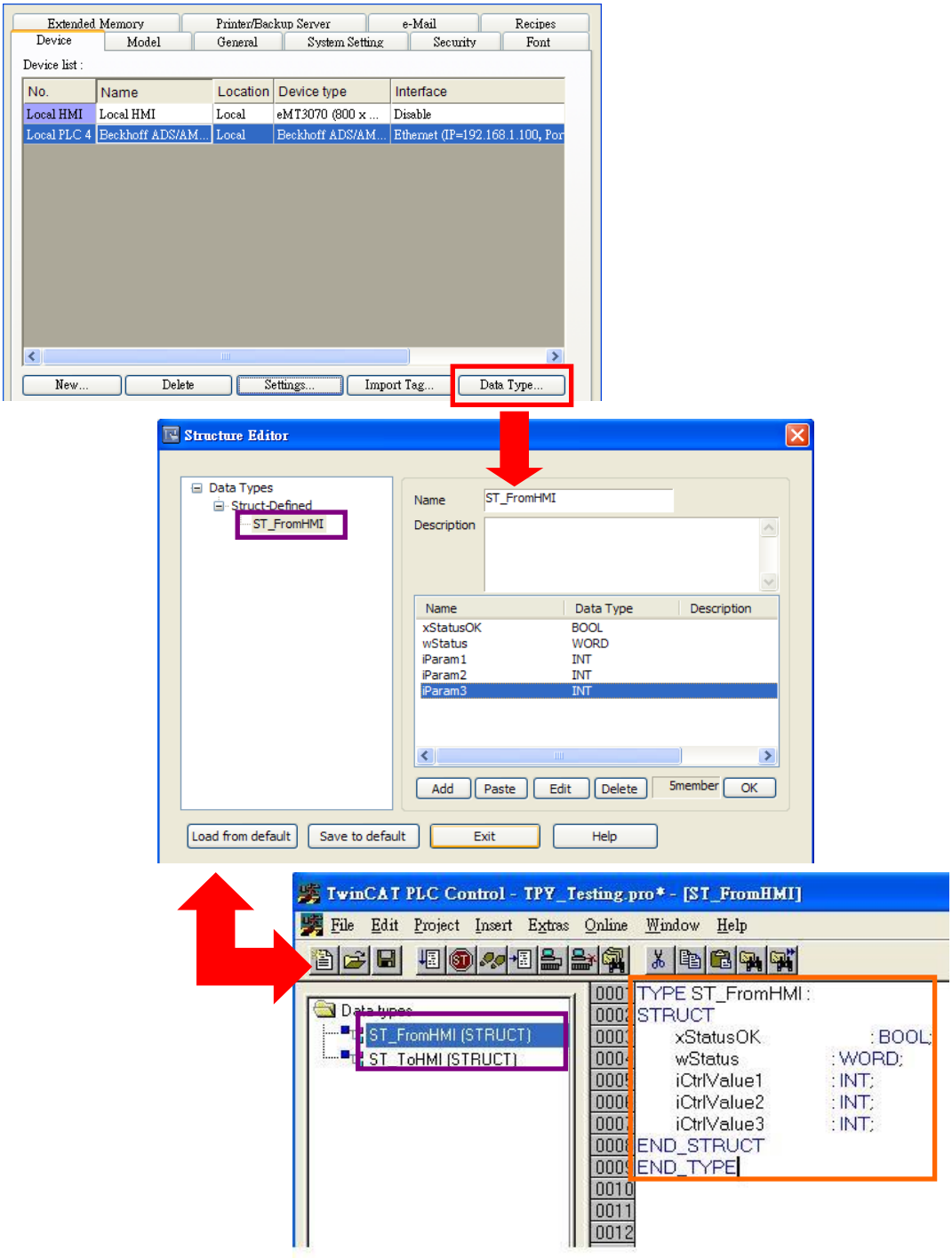
IX, QX, MX – 需输出 BOOL 类型.

IW, QW, MW – 需输出 UINT, WORD, 和 INT 类型.

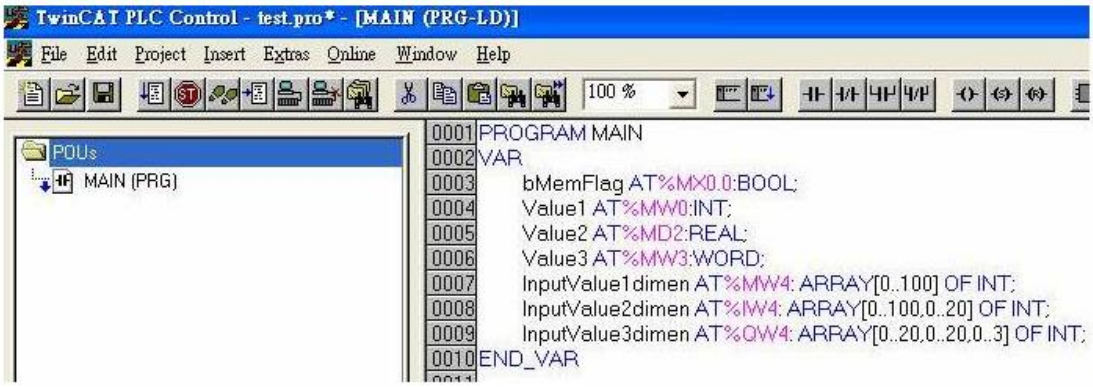
ID, QD, MD - 需输出 UDINT, DWORD, 和 DINT 类型.

此驱动程序支持读取 STRUCT 架构下的变量,点选 [Data Type] 可开启 Structure Editor,对照 Twincat PLC Control 软件,建立好相同的 [Name] 与 [Data Type].

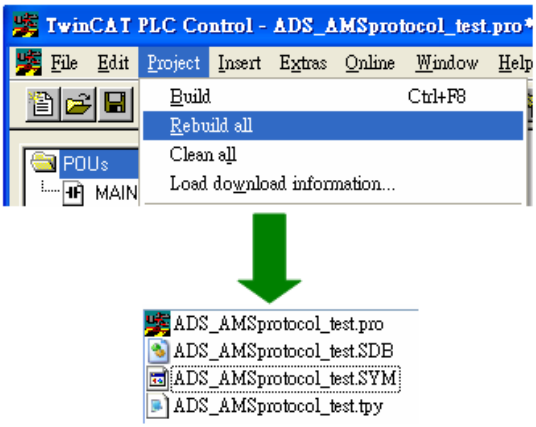
支持的数据型态有：BOOL,WORD,INT,UINT,DINT,UDINT,REAL,DWORD,ARRAY.



在 TwinCAT 软件内的 Tag 语法为 ：Tag 名称+AT+%+型态
如下图中所示

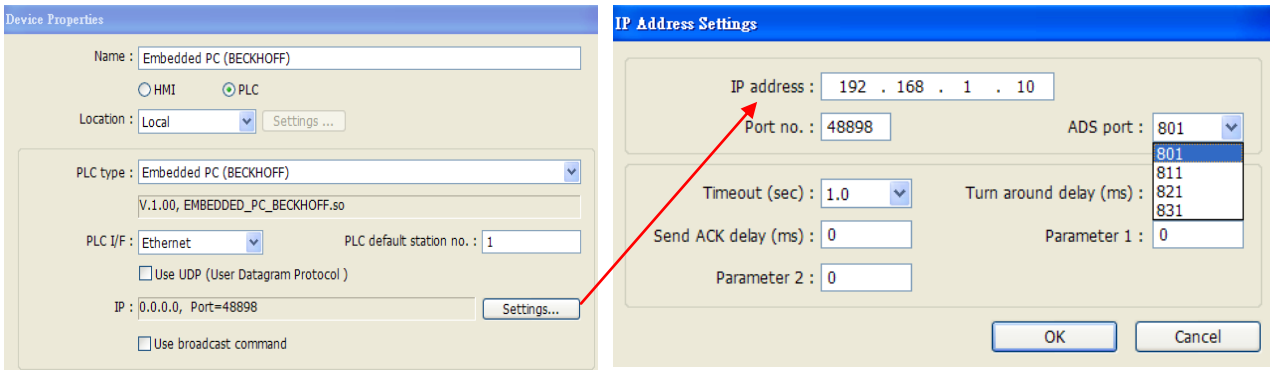


Project -> Rebuild all



Step4.

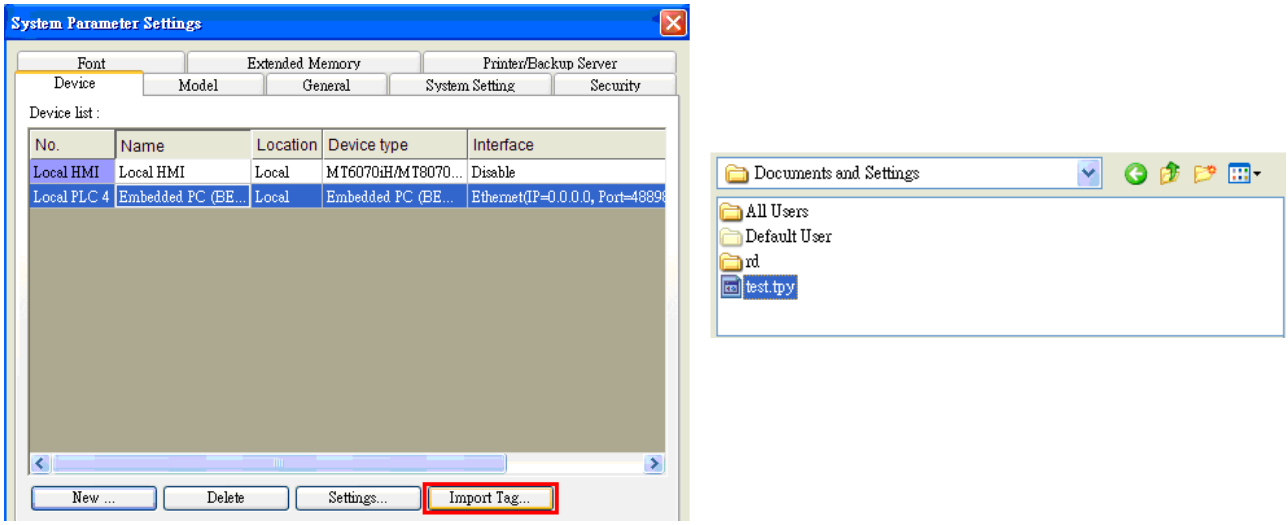
在 EasyBuilder 设定 PLC IP.



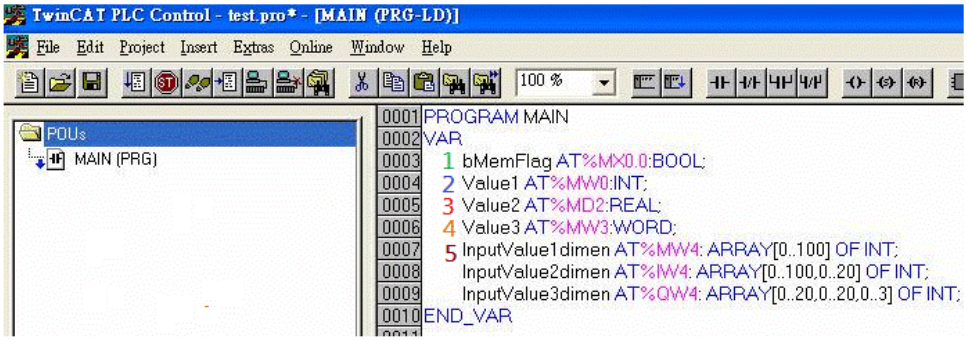
Step5.

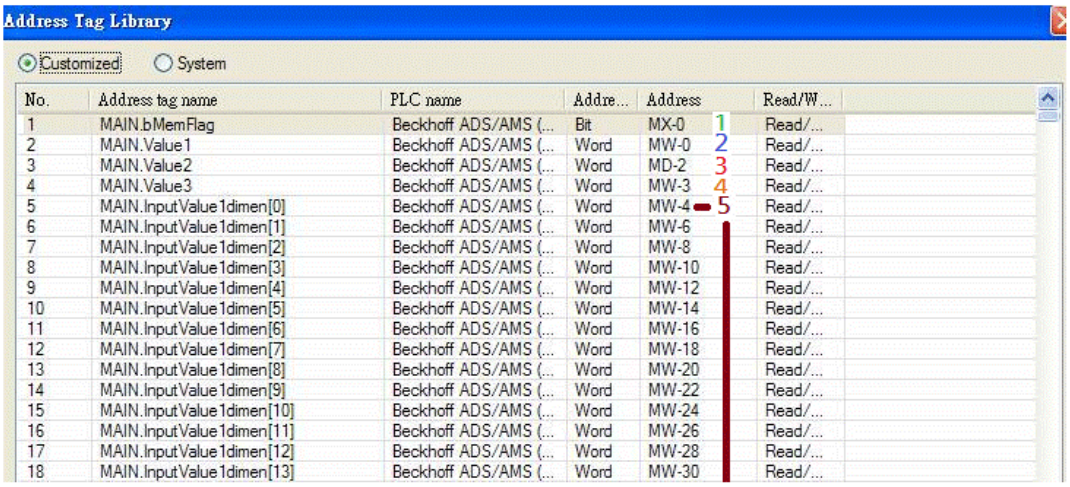
点选 [汇入标签] 钮开启 TPY 檔 (编译档来自 Twincat PLC Control),

注意: 使用 Beckhoff 驱动时，若无法汇入 Tpy 档案，可尝试于 Microsoft - Download Center 下载并安装 MSXML 4.0



在将 tpy 汇入 EasyBuilder 后,会显示如下图.

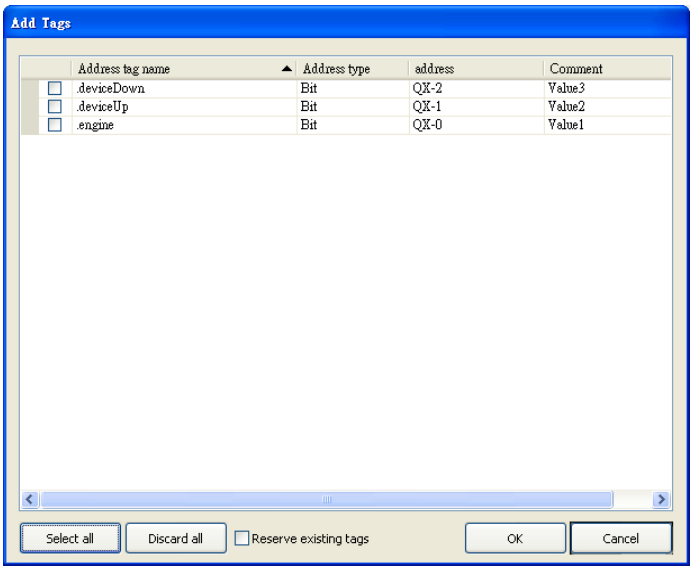


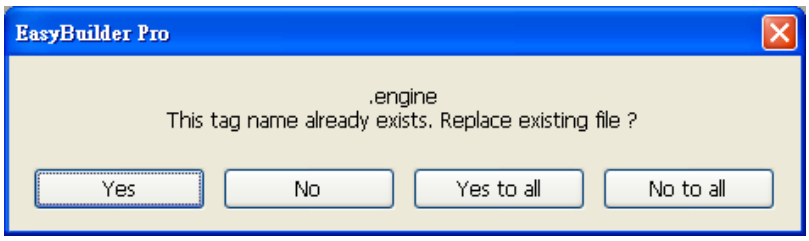


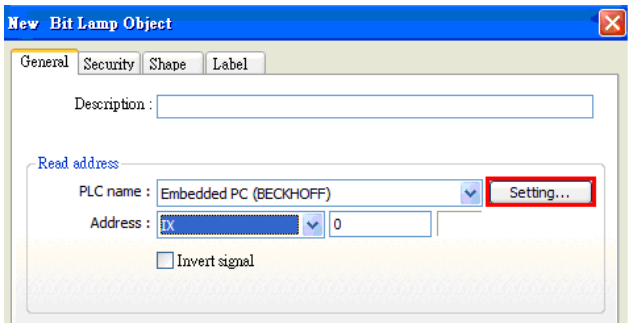
Step6.

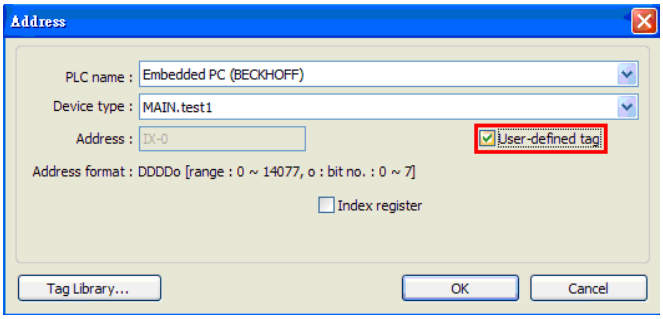
会出现下列窗口,提供用户选择汇入全部的数据或是只需要汇入部份数据,若用户重复汇入也会出现提示讯息。

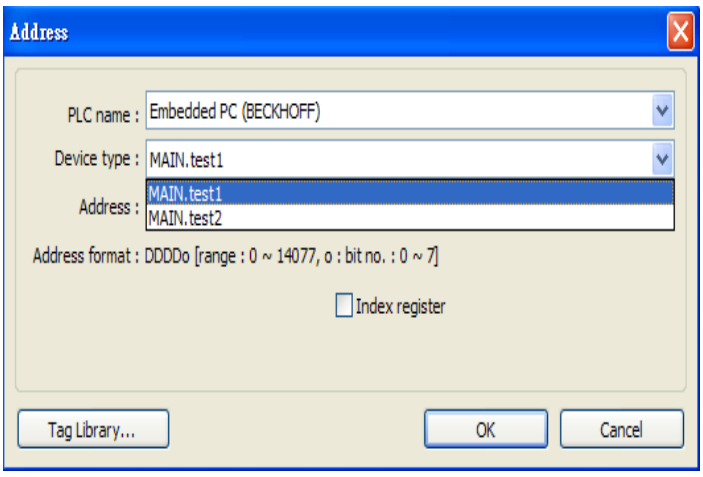
*EasyBuilder8000 不支持 **[描述]** 字段。











Step7.

下载程序到 HMI.

设备类型:

字符/位	设备类型	格式	范围	注释
B	IX	DDDDDo	0 ~ 655357	o : Bit no.(0~7)
B	QX	DDDDDo	0 ~ 655357	o : Bit no.(0~7)
B	MX	DDDDDo	0 ~ 655357	o : Bit no.(0~7)
W	IW	DDDDD	0 ~ 65535	
W	QW	DDDDD	0 ~ 65535	
W	MW	DDDDD	0 ~ 65535	
DW	ID	DDDDD	0 ~ 65535	
DW	QD	DDDDD	0 ~ 65535	
DW	MD	DDDDD	0 ~ 65535	

设备类型:

数据类型	EasyBuilder 数据格式	注释
Bool	bit	
Word	16-bit BCD, Hex, Binary, Unsigned	16-bit
Int	16-bit BCD, Hex, Binary, Signed	16-bit
UInt	16-bit BCD, Hex, Binary, Unsigned	16-bit
DWord	32-bit BCD, Hex, Binary, Unsigned	32-bit
DInt	32-bit BCD, Hex, Binary, Signed	32-bit
Real	32-bit Float	32-bit
UDInt	32-bit BCD, Hex, Binary, Unsigned	32-bit
Array	Word array for ASCII input and ASCII display	Length=word

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.00	Dec/08/2010	发布驱动程序.
V1.10	Aug/23/2011	扩充缓存器地址范围至 65535.

Beckhoff Embedded PC

支持系列: Intel-CX10x0,CX50x0 and Twincat

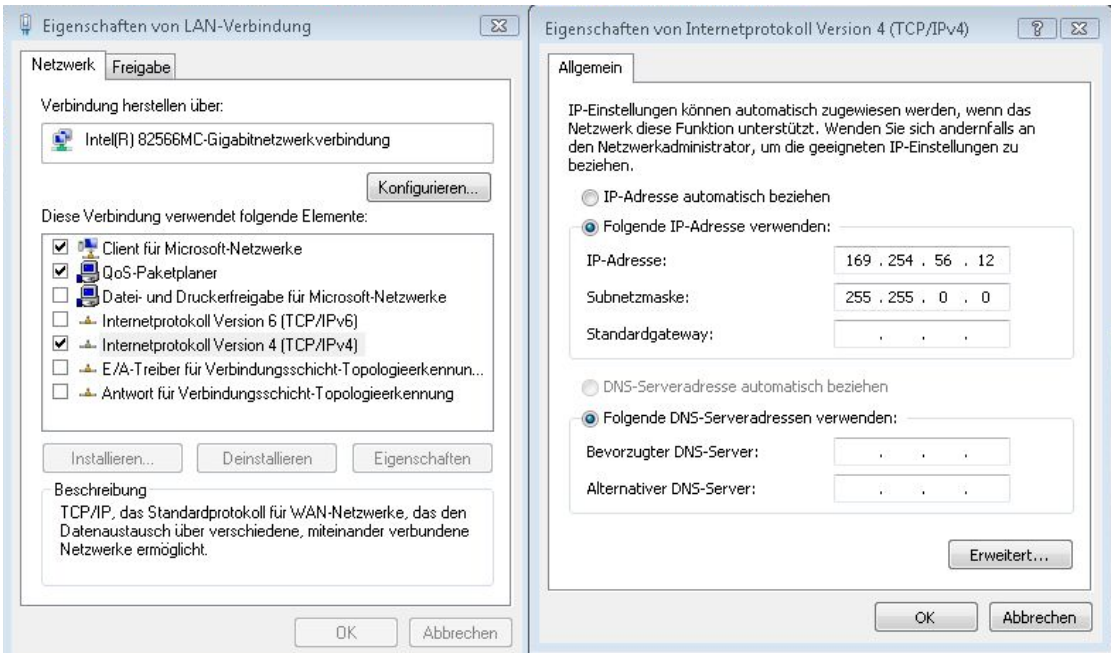
HMI 设定

参数设定	推荐	选项	注释
PLC 类型	Beckhoff Embedded PC		
PLC 界面	Ethernet		
端口	48898		
ADS port	801	801, 811, 821, 831	
PLC 站号	1		

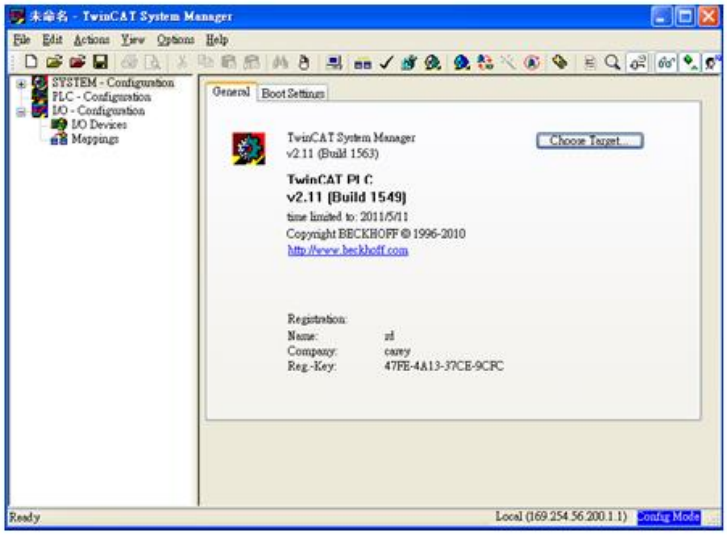
PLC 设定：

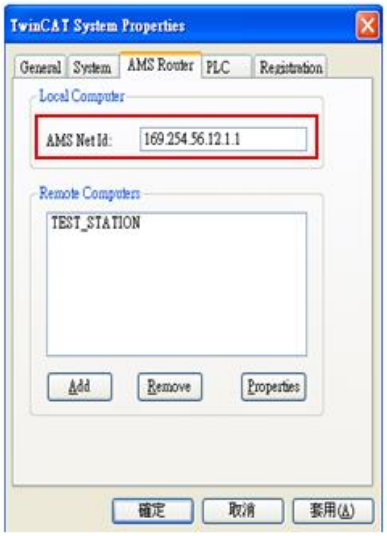
For Twincat :

a. 确定计算机的 IP 地址



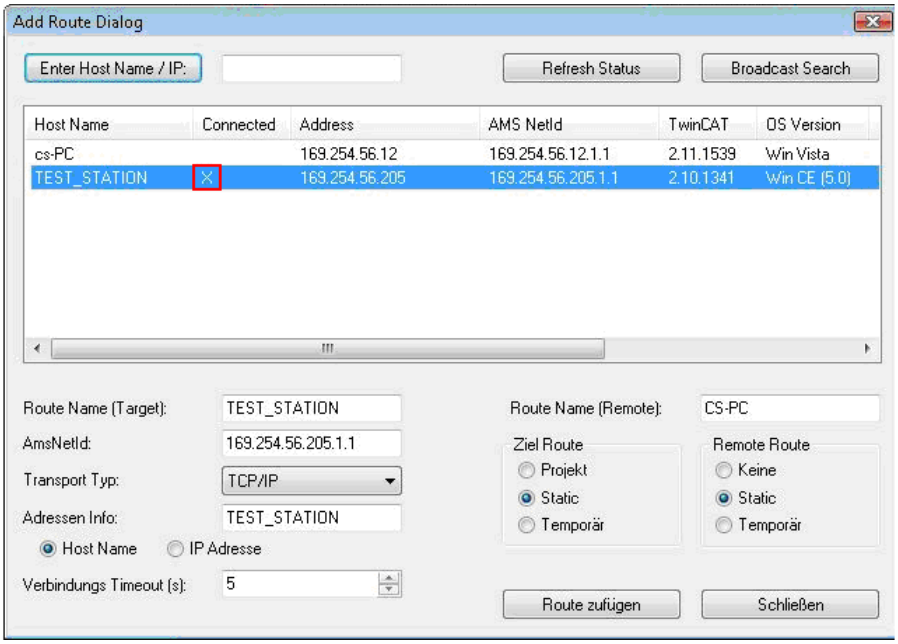
b. Open Twincat，设定 IP 地址 169.254.56.12.1.1



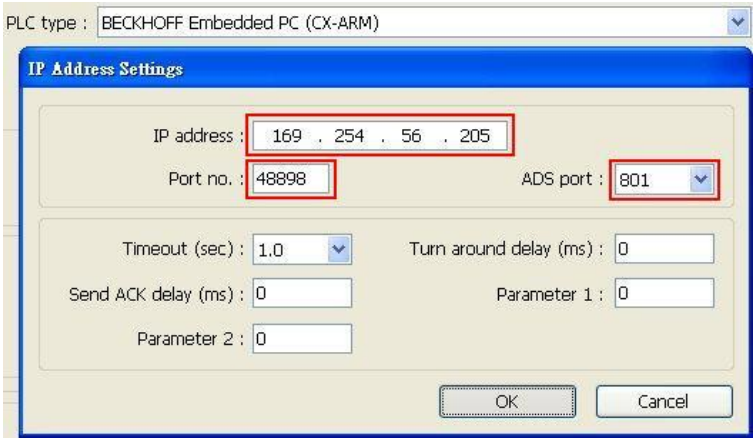


c. 使用 Twincat 建立路由表(Route table)来确定系统是否被连接，如果 PLC 重新启动，这些步骤必须重复 1 次

注释:当连接的状态区位显示"X"，也就表示成功连接



d. 打开 EASYBUILDER PRO，设定网络地址 Port no 和 ADS port no

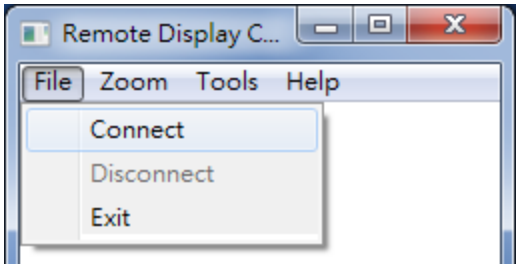


e. 执行在线模拟.

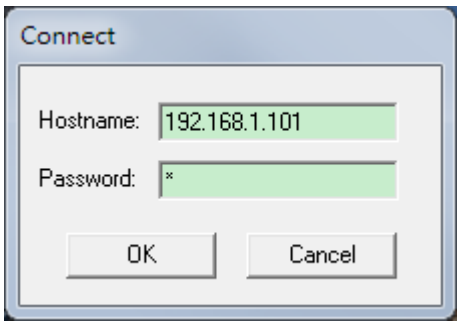
注释:若 project 下载到 HMI，请设定与 Twincat 相同的 IP：169.254.56.12

For CERHOST:

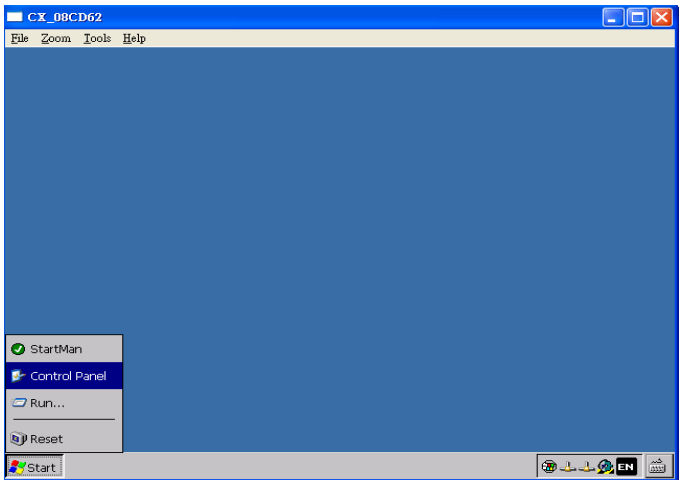
a. 执行 CERHOST.exe 在 PC 上与 PLC 建立联机。



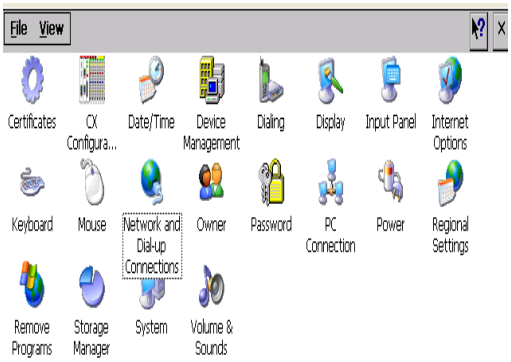
b. 输入 PLC 的 IP 及密码。(密码的默认值为 1)

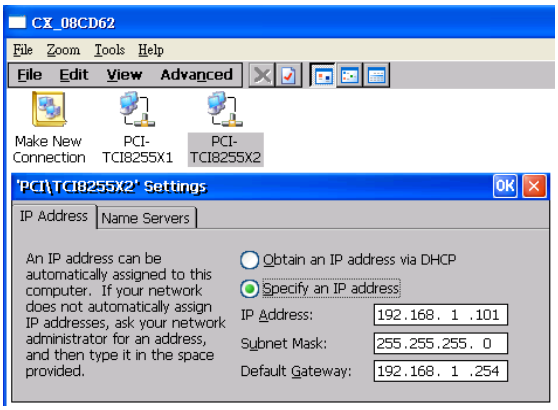


c. 与 PLC 联机后，点选 Start -> 点选 Control Panel。

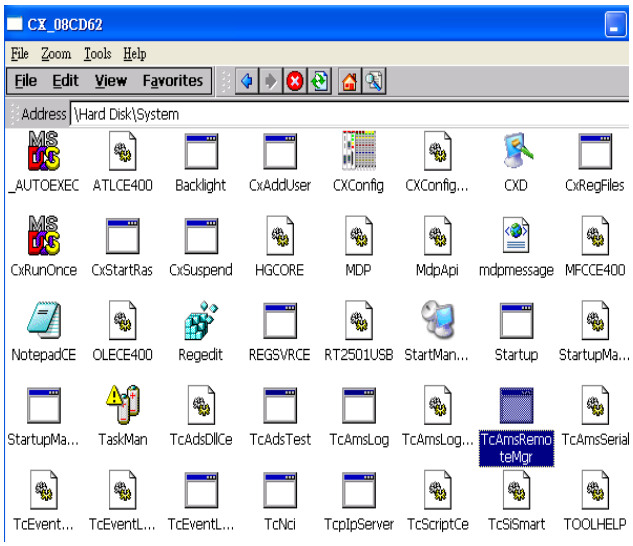


d. 执行 Network and Dial-Up Connections，跳出 PLC 的装置，点选图标可确认 PLC IP。

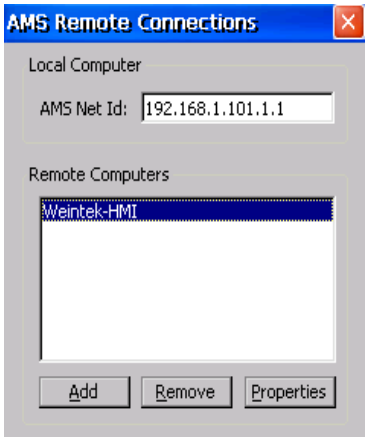




e. 进入 PLC 的系统设定，系统默认的路径为：\Hard Disk\System，执行 TcAmsRemoteMgr。



f. Local Computer 的 AMS Net Id 的字段请输入 PLC 的 IP 地址；Remote Computers 显示欲联机的 HMI 信息。AMS Net Id 有六个字段，以”.”做区隔，前四位为 IP 后接着”.1.1”。点选新增可新增一台欲联机的 HMI。设定完毕后按下 ok。



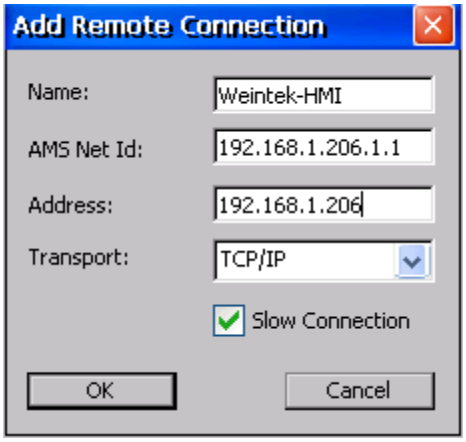
g. Name: 装置名称

AMS Net Id：欲联机的装置的 IP 加上”.1.1”

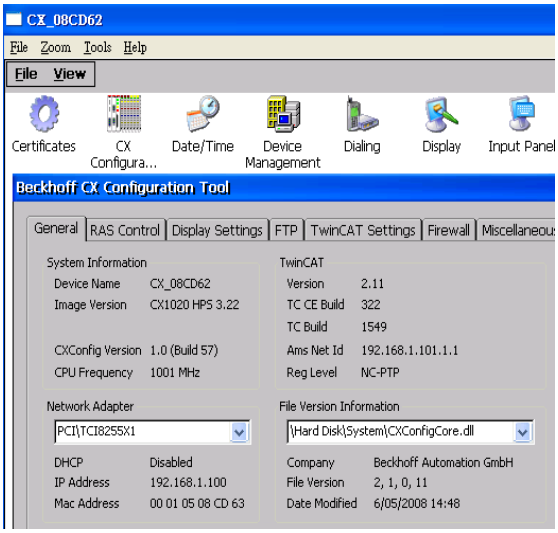
Address : 欲联机的装置的 IP

Transport: 联机方式

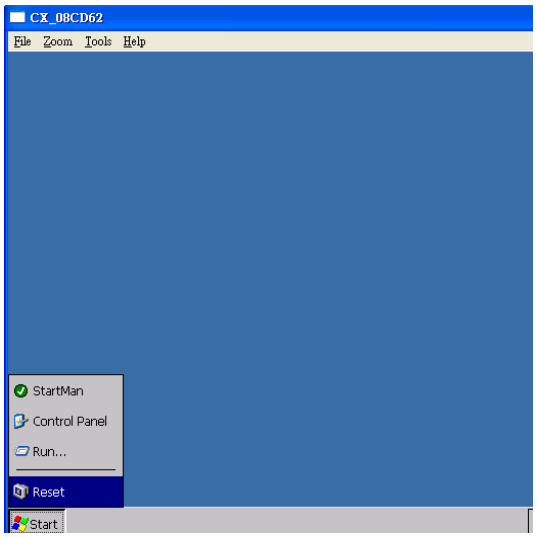
Slow Connection: 勾选



h. 返回 Control Panel，执行 CX Configuration Tool 确认 PLC AMS Net Id。

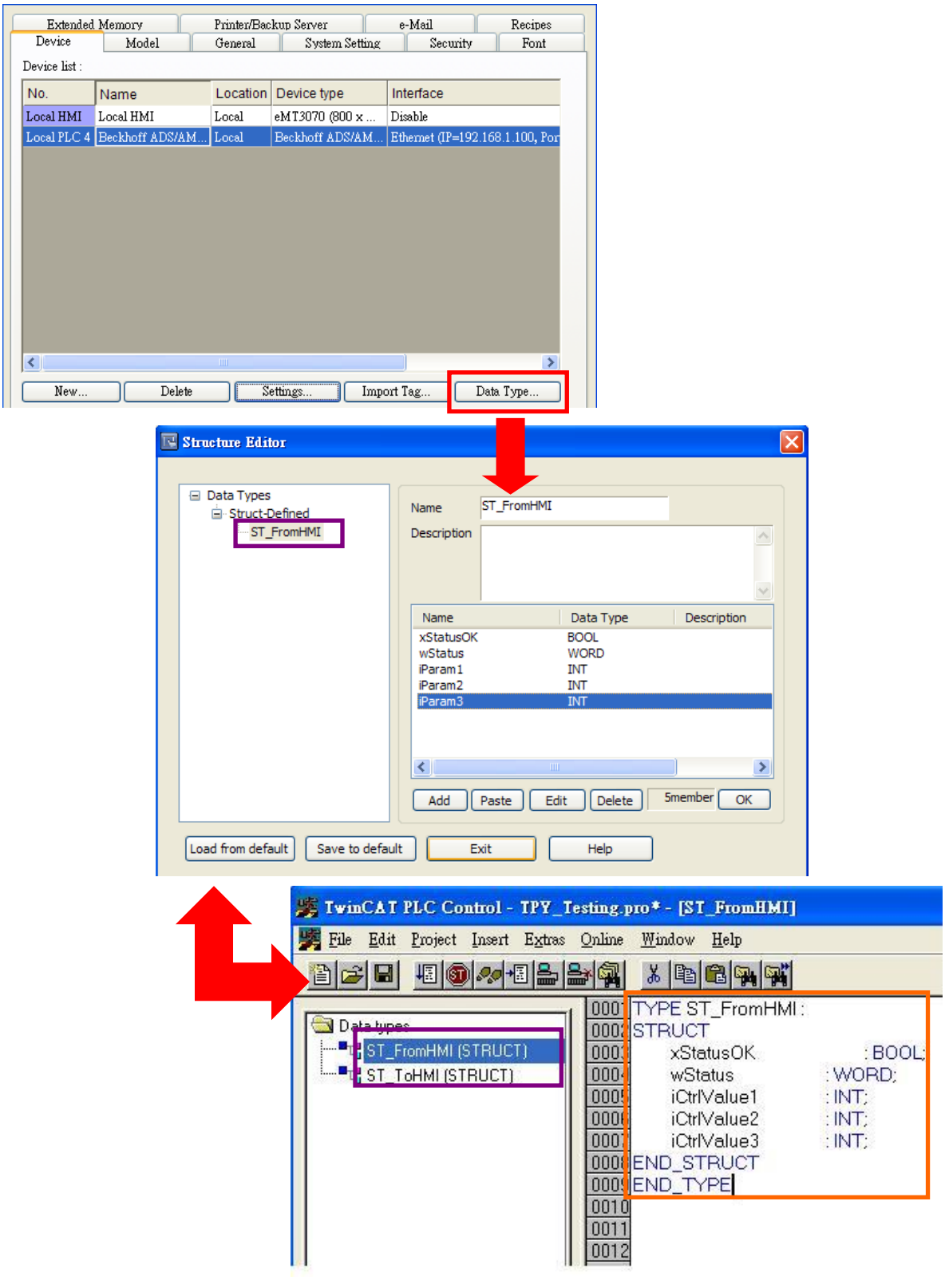


i. 确认无误后请点选 Start -> Reset PLC。

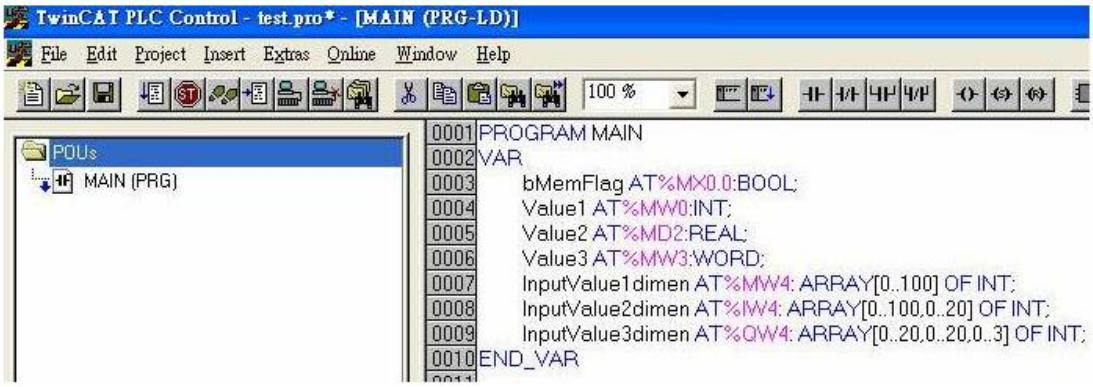


建立数据结构:

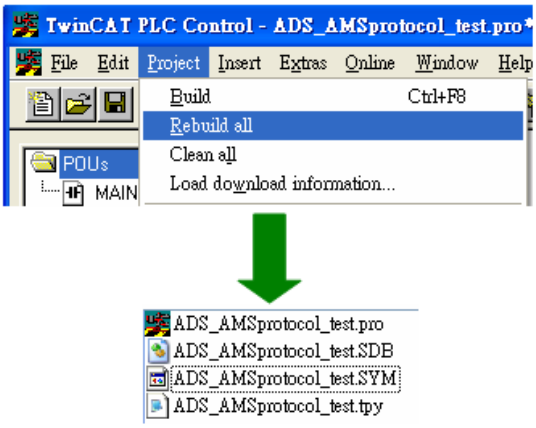
Step1. 此驱动程序支持读取 STRUCT 架构下的变量,点选 [Data Type] 可开启 Structure Editor,对照 Twincat PLC Control 软件,建立好相同的 [Name] 与 [Data Type].
支持的数据型态有：BOOL,WORD,INT,UINT,DINT,UDINT,REAL,DWORD,ARRAY



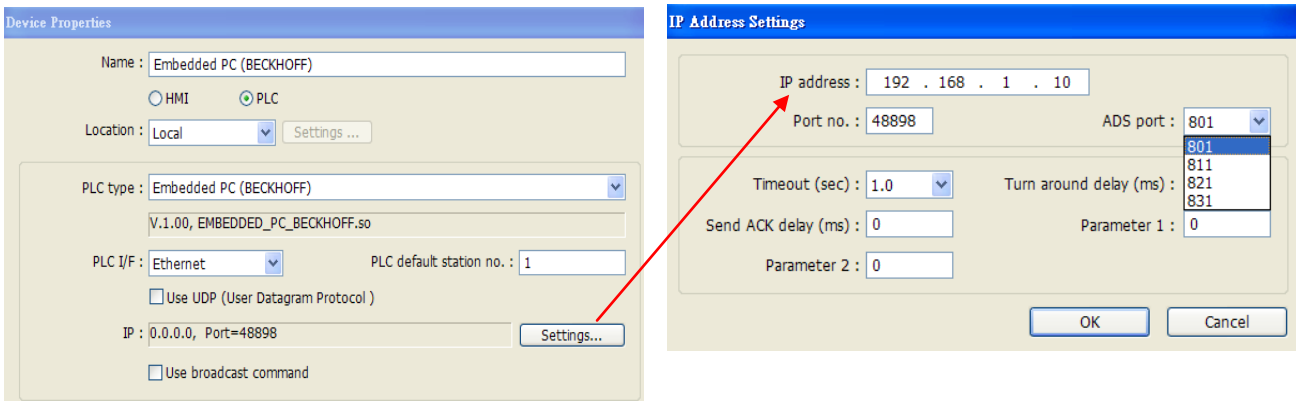
在 TwinCAT 软件内的 Tag 语法为 ：Tag 名称+AT+%+型态
如下图中所示



Step2. Project -> Rebuild all



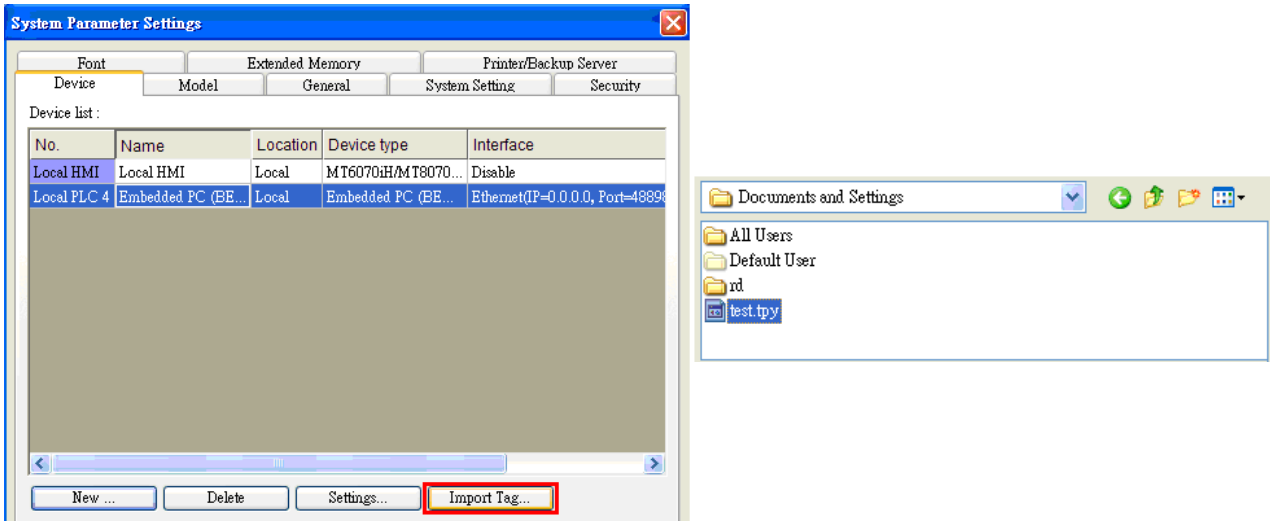
Step3. 在 EasyBuilder 设定 PLC IP.



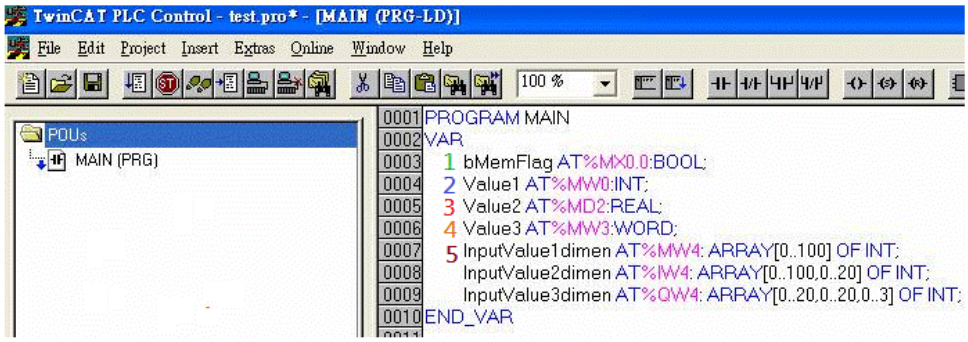
Step4.

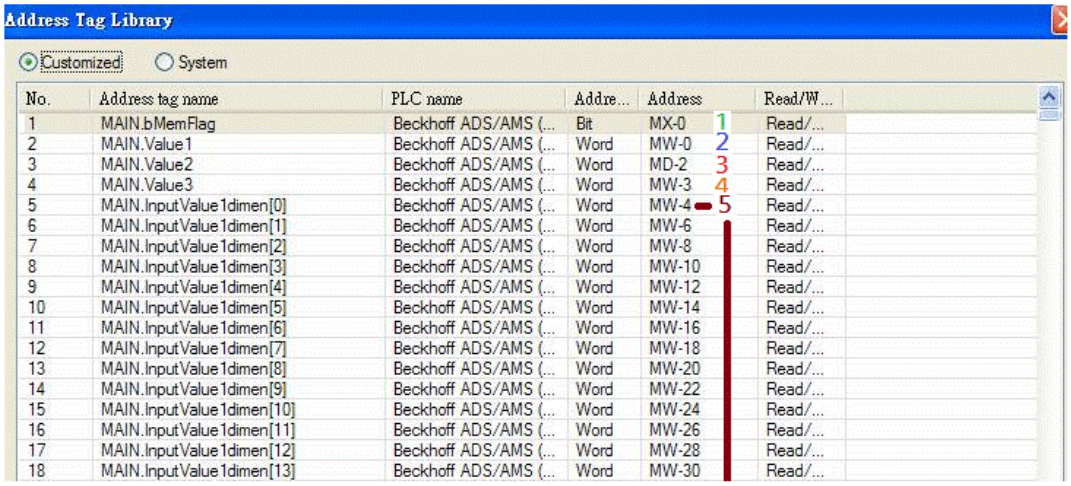
点选 [汇入标签] 钮开启 TPY 檔 (编译档来自 Twincat PLC Control),

注意: 使用 Beckhoff 驱动时，若无法汇入 Tpy 档案，可尝试于 Microsoft - Download Center 下载并安装 MSXML 4.0



在将 tpy 汇入 EasyBuilder 后,会显示如下图.

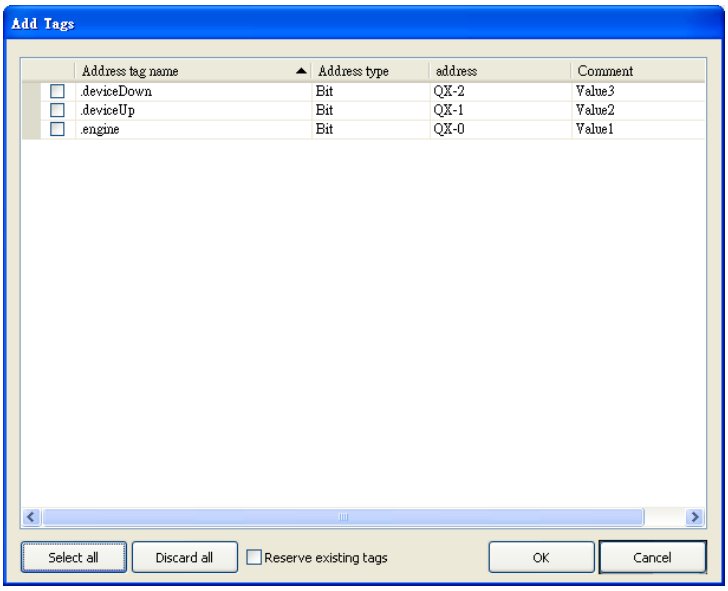


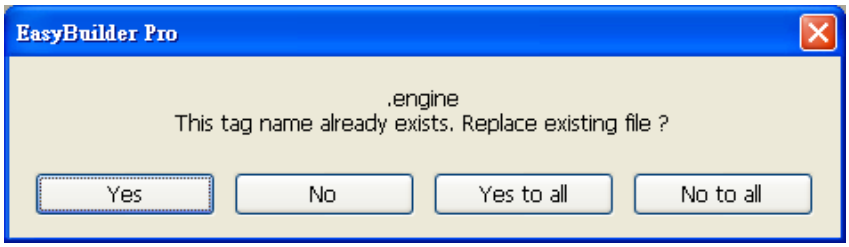


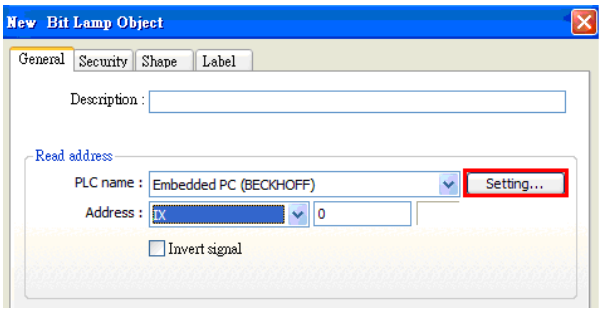
Step5.

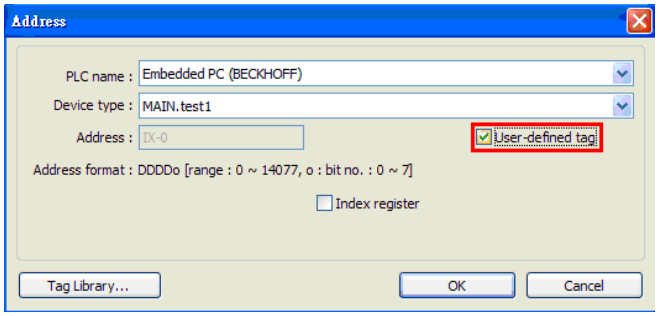
会出现下列窗口,提供用户选择汇入全部的数据或是只需要汇入部份数据,若用户重复汇入也会出现提示讯息。

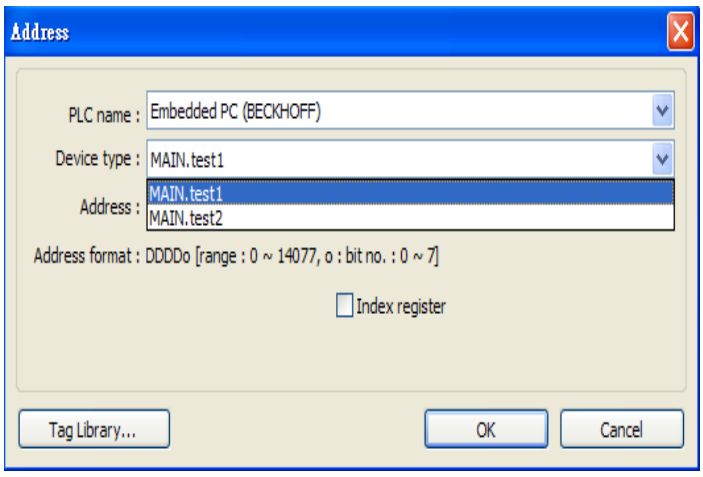
*EasyBuilder8000 不支持 **[描述]** 字段。











Step6.

Download the project compiled in EasyBuilder to HMI.

设备类型:

字符/位	设备型态	格式	范围	注释
B	IX	DDDDDo	0 ~ 655357	o : Bit no.(0~7)
B	QX	DDDDDo	0 ~ 655357	o : Bit no.(0~7)
B	MX	DDDDDo	0 ~ 655357	o : Bit no.(0~7)
W	IW	DDDDD	0 ~ 65535	
W	QW	DDDDD	0 ~ 65535	
W	MW	DDDDD	0 ~ 65535	
DW	ID	DDDDD	0 ~ 65535	
DW	QD	DDDDD	0 ~ 65535	
DW	MD	DDDDD	0 ~ 65535	

设备类型:

数据类型	EasyBuilder 数据格式	注释
Bool	bit	
Word	16-bit BCD, Hex, Binary, Unsigned	16-bit
Int	16-bit BCD, Hex, Binary, Signed	16-bit
UInt	16-bit BCD, Hex, Binary, Unsigned	16-bit
DWord	32-bit BCD, Hex, Binary, Unsigned	32-bit
DInt	32-bit BCD, Hex, Binary, Signed	32-bit
Real	32-bit Float	32-bit
UDInt	32-bit BCD, Hex, Binary, Unsigned	32-bit
Array	Word array for ASCII input and ASCII display	Length=word

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

驱动版本:

版本	日期	叙述
V1.00	Apr/18/2011	发布驱动程序
V1.10	Aug/24/2011	扩充缓存器地址范围至 65535.

Beckhoff Twincat 3 ADS/AMS (Ethernet)

支持系列:
CX8000,CX90x0,CX1010,CP62xx,CX5010,CP62xx,CX1020,CX2020,CPxxxx,C6920,CX2030,CPxxxx,CP6930,CX2040,C65xx,C69xx.

网站: http://infosys.beckhoff.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Beckhoff Twincat 3 ADS/AMS (Ethernet)		
PLC 界面	以太网络		
PLC 站号	不需设定站号		
端口	48898		

设备类型:

字符/位	设备类型	格式	范围	注释
B	IX	DDDDDdd	0 ~ 6553515	
B	QX	DDDDDdd	0 ~ 6553515	
B	MX	DDDDDdd	0 ~ 6553515	
W	IW	OOOOOO	0 ~ 65535	
W	QW	DDDDD	0 ~ 65535	
W	MW	DDDDD	0 ~ 65535	
W	ID	DDDDD	0 ~ 65535	
W	QD	DDDDD	0 ~ 65535	
W	MD	DDDDD	0 ~ 65535	

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

驱动版本:

版本	日期	叙述
V1.00	Jun/07/2013	发布驱动程序.

CANopen Slave(for eMT3000 only)

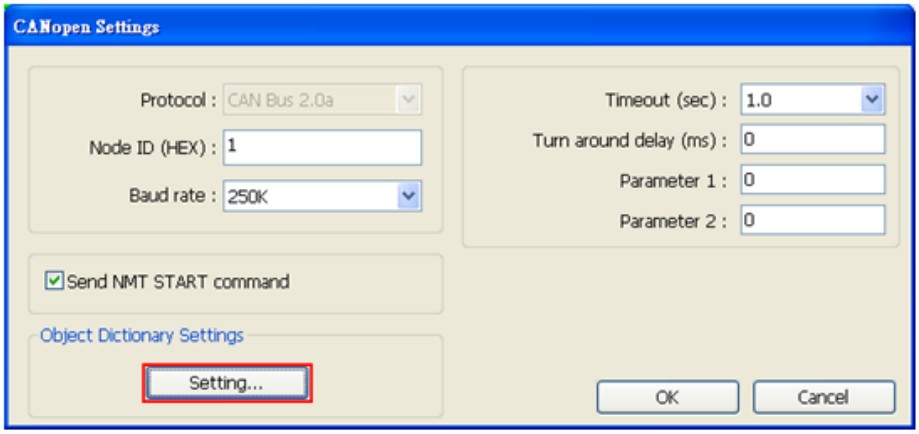
eMT3000 系列专用

HMI 设定:

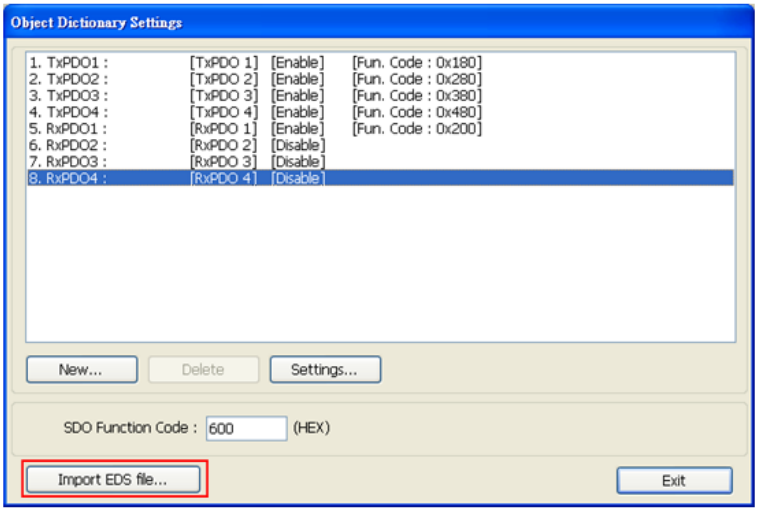
参数设定	推荐	选项	注释
PLC 类型	CAN (Controller Area Network) Bus		
节点 ID	1	1~127	
传输速率	250K	10K~1M	

用户可以按照下列步骤自行汇入装置产生的 EDS 档案

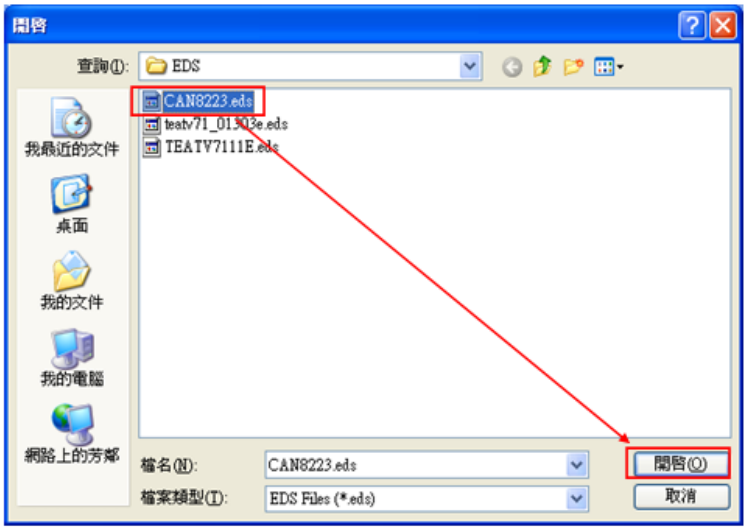
步骤 1. 对象字典设定-> 设定



步骤 2. 汇入 EDS 檔



步骤 3. 选择欲汇入的 EDS 档案



步骤 4. 成功汇入 EDS 档案.



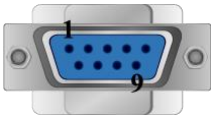
设备类型:

字符/位	设备类型	格式	范围	注释
B	TxPDOn_BIT	DDDNo	100 ~ 99977	DDD：PDO 数值 N：址地 (单位：byte) o：位数
B	RxPDOn_BIT	DDDNo	100 ~ 99977	DDD：PDO 数值 N：地址(单位：byte) o：位数值
B	SDO_8bit_Bit	HHHHHHo	0 ~ FFFFFF7	HHHH(主索引)+HH(子索引)+o(位数)
B	SDO_16bit_Bit	HHHHHHdd	0 ~ HHHHHH15	HHHH(主索引)+HH(子索引)+o(位数)
W	TxPDOn	DDDN	10 ~ 9997	DDD：PDO 数 N：地址(单位：byte)

字符/位	设备类型	格式	范围	注释
W	TxPDOn_Byte	DDDN	10 ~ 9997	DDD：PDO 数 N：地址(单位：byte)
W	RxPDOn	DDDN	10 ~ 9997	DDD：PDO 数 N：地址(单位：byte)
W	RxPDOn_Byte	DDDN	10 ~ 9997	DDD：PDO 数. N：地址(单位：byte)
W	SDO_8bit	HHHHHH	0~FFFFFF	HHHH(主索引)+ HH(子索引)
W	SDO_16bit	HHHHHH	0~FFFFFF	
W	SDO_32bit	HHHHHH	0~FFFFFF	

接线图:

eMT3000 series

CAN Bus 9P D-Sub Female			CAN Device
7 CAN-			CAN -
8 CAN+			CAN+
5 GND			GND
			

范例程序链接:



驱动版本:

版本	日期	叙述
V1.40	Aug/20/2012	新增 SDO_8bit_Bit , SDO_16bit_Bit 地址型态.

Change

支持系列: Compressor controller

网站: http://www.sh-changjia.com/

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	Change		
PLC 界面	RS485 2W		
传输速率	9600		
校验	None		
数据位	8		
停止位	1		
PLC 站号	1	1~6	

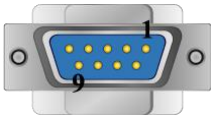
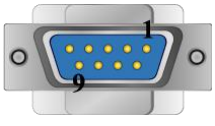
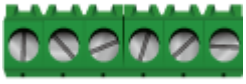
设备类型:

字符/位	设备型态	格式	范围	注释
B	CTL	DDD	0 ~ 5, 128, 150	唯写
DW	SET	DDD	0 ~ 57, 128	
DW	STATUS	DD	1 ~ 20	只读

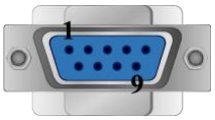
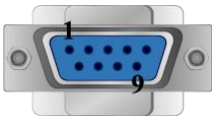
接线图:

以下图表示从连接线的焊接端所视.

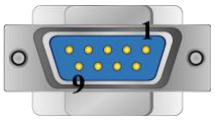
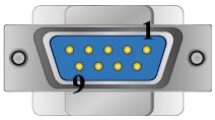
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		Change RS485 terminal
1 RX-	6 Data-		15 D-
2 RX+	9 Data+		16 D+
5 GND	5 GND		
			

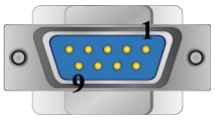
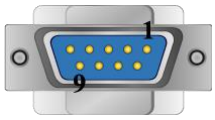
cMT-SVR-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		Change RS485 terminal
7 RX-	4 Data-		15 D-
6 RX+	1 Data+		16 D+
5 GND	5 GND		
			

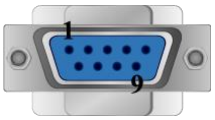
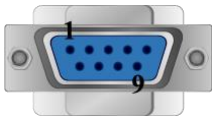
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		Change RS485 terminal
1 RX-	7 Data-		15 D-
2 RX+	8 Data+		16 D+
5 GND	9 GND		
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		Change RS485 terminal
1 RX-	6 Data-		15 D-
2 RX+	9 Data+		16 D+
5 GND	5 GND		
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		Change RS485 terminal
1 RX-	7 Data-		15 D-
2 RX+	8 Data+		16 D+
5 GND	5 GND		
			

驱动版本:

版本	日期	叙述
V1.00	Jan/19/2011	发布驱动程序.

Cimon CM1-CP4A/ECO1A

支持系列: Cimon CM1 series, CP4A 模块

网站: http://www.kdtsys.com

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	Cimon CM1-CP4A/ECO1A		
PLC 界面	RS232		
传输速率	38400		
数据位	8		
校验	None		
停止位	1		
PLC 站号	1		

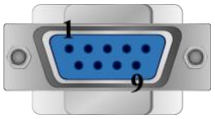
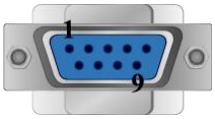
设备类型:

字符/位	设备型态	格式	范围	注释
B	X	DDh	0 ~ 23f	0-1F 只读
B	Y	DDh	0 ~ 23f	
B	M	DDDh	0 ~ 511f	
B	K	DDDh	0 ~ 127f	
B	L	DDDh	0 ~ 127f	
B	F	DDDh	0 ~ 127f	只读
B	T	DDDh	0 ~ 102f	
B	C	DDDh	0 ~ 102f	
W	D	DDDD	0 ~ 4999	
W	S	DD	0 ~ 99	最大范围: 99
W	TS	DDDD	0 ~ 1023	
W	TC	DDDD	0 ~ 1023	
W	CS	DDDD	0 ~ 1023	
W	CC	DDDD	0 ~ 1023	

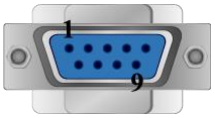
接线图:

以下图表示从连接线的焊接端所视.

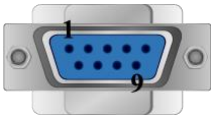
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		CM1-CP4A RS232 6P RJ11 Male
2 RX	8 RX		2 TXD
3 TX	7 TX		3 RXD
5 GND	5 GND		5 GND
			

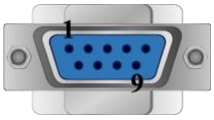
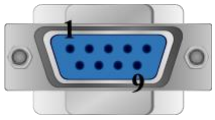
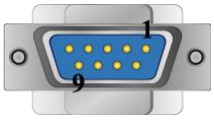
cMT-SVR-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			CM1-CP4A RS232 6P RJ11 Male
2 RX			2 TXD
3 TX			3 RXD
5 GND			5 GND
			

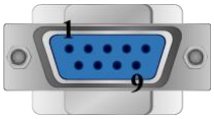
MT8000iE series

COM1 RS232 9P D-Sub Female			CM1-CP4A RS232 6P RJ11 Male
2 RX			2 TXD
3 TX			3 RXD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	CM1-CP4A RS232 6P RJ11 Male
2 RX	6 RX	8 RX	2 TXD
3 TX	4 TX	7 TX	3 RXD
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			CM1-CP4A RS232 6P RJ11 Male
9 RX			2 TXD
6 TX			3 RXD
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.20	Nov/30/2009	

Cimon CM1-SC02A

支持系列: Cimon CM series, SC02A 模块

网站: http://www.kdtsys.com

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	Cimon CM1-SC02A		
Com port	RS232		
传输速率	38400		
数据位	8		
校验	None		
停止位	1		
PLC 站号	1		

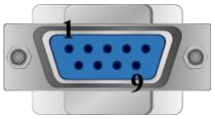
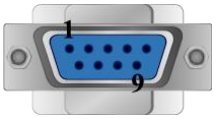
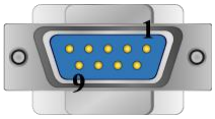
设备类型:

字符/位	设备型态	格式	范围	注释
B	X	DDh	0 ~ 23f	0-1F 只读
B	Y	DDh	0 ~ 23f	0-F 只读
B	M	DDDh	0 ~ 511f	
B	K	DDDh	0 ~ 127f	
B	L	DDDh	0 ~ 127f	
B	F	DDDh	0 ~ 127f	只读
B	T	DDDh	0 ~ 102f	
B	C	DDDh	0 ~ 102f	
W	D	DDDD	0 ~ 4999	
W	S	DD	0 ~ 99	最大范围: 99
W	TS	DDDD	0 ~ 1023	
W	TC	DDDD	0 ~ 1023	
W	CS	DDDD	0 ~ 1023	
W	CC	DDDD	0 ~ 1023	

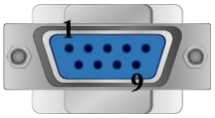
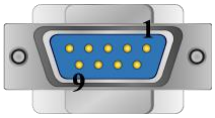
接线图:

以下图表示从连接线的焊接端所视.

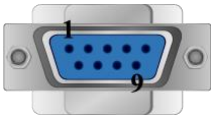
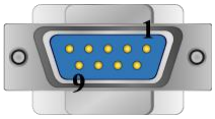
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		CM1-SC02A RS232 9P D-Sub Male
2 RX	8 RX		3 TD
3 TX	7 TX		2 RD
5 GND	5 GND		5 GND
			

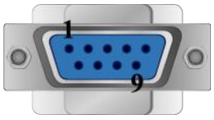
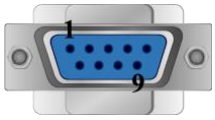
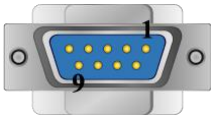
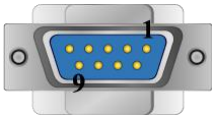
cMT-SVR-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			CM1-SC02A RS232 9P D-Sub Male
2 RX			3 TD
3 TX			2 RD
5 GND			5 GND
			

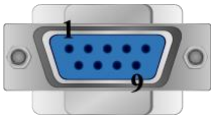
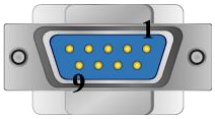
MT8000iE series

COM1 RS232 9P D-Sub Female			CM1-SC02A RS232 9P D-Sub Male
2 RX			3 TD
3 TX			2 RD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	CM1-SC02A RS232 9P D-Sub Male
2 RX	6 RX	8 RX	3 TD
3 TX	4 TX	7 TX	2 RD
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			CM1-SC02A RS232 9P D-Sub Male
9 RX			3 TD
6 TX			2 RD
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.20	Nov/30/2009	

CoDeSys Automation Alliance

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	CoDeSys Automation Alliance		
PLC 界面	以太网络		
PLC 站号	不需设定站号		
端口	28784		

设备类型:

字符/位	设备类型	格式	范围	注释
B	IX	DDDDDdd	0 ~ 6553515	
B	QX	DDDDDdd	0 ~ 6553515	
B	MX	DDDDDdd	0 ~ 6553515	
W	IW	OOOOOO	0 ~ 65535	
W	QW	DDDDD	0 ~ 65535	
W	MW	DDDDD	0 ~ 65535	
W	ID	DDDDD	0 ~ 65535	
W	QD	DDDDD	0 ~ 65535	
W	MD	DDDDD	0 ~ 65535	

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

驱动版本:

版本	日期	叙述
V1.00	Jun/05/2013	发布驱动程序.

Copley Digital Drives

支持系列: Digital Servo Driver & Controllers, Xenus, Xenus Micro, Accelnet, Accelnet Micro, Stepnet series.

网站: http://www.copleycontrols.com/motion/

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	Copley Digital Drives		
PLC 界面	RS232		
传输速率	9600	9600~115200	
校验	None	Even, Odd, None	
数据位	8	8	
停止位	1	1	
HMI 站号	0		
PLC 站号	0	0-127	

设备类型:

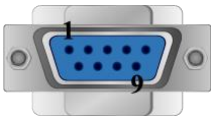
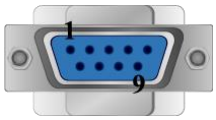
字符/位	设备型态	格式	范围	注释
W	Flash INT 16	HHH	0 ~ 999	For Register is INT16 or U16
W	RAM INT 16	HHH	0 ~ 999	For Register is INT16 or U16
W	Flash INT 32	HHH	0 ~ 999	For Register is INT32 or U32
W	RAM INT 32	HHH	0 ~ 999	For Register is INT32 or U32
W	Register	DDDD	0 ~ 2457	
W	T_command	H	0	
W	Reset	H	0	

接线图:

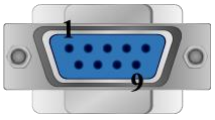
以下图表示从连接线的焊接端所视.

9P D-Sub to 6P RJ11: Xenus, Xenus Micro, Accelnet, Stepnet

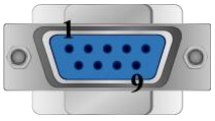
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 6P RJ11 Male
2 RX	8 RX		5 TXD
3 TX	7 TX		2 RXD
5 GND	5 GND		3, 4 GND
			

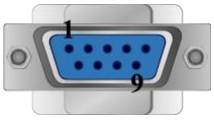
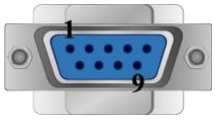
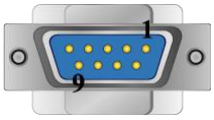
cMT-SVR-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			PLC RS232 8P RJ45 Male
2 RX			2 TX
3 TX			3 RX
5 GND			5 GND
			

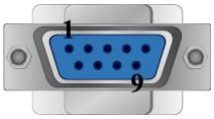
MT8000iE series

COM1 RS232 9P D-Sub Female			PLC RS232 8P RJ45 Male
2 RX			2 TX
3 TX			3 RX
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 6P RJ11 Male
2 RX	6 RX	8 RX	5 TXD
3 TX	4 TX	7 TX	2 RXD
5 GND	5 GND	5 GND	3, 4 GND
			

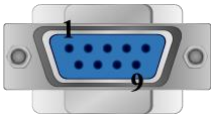
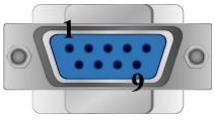
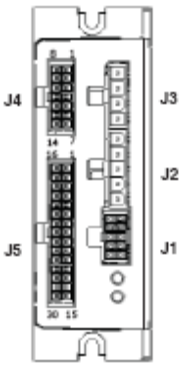
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 6P RJ11 Male
9 RX			5 TXD
6 TX			2 RXD
5 GND			3, 4 GND
			

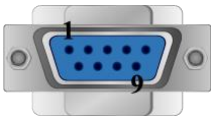
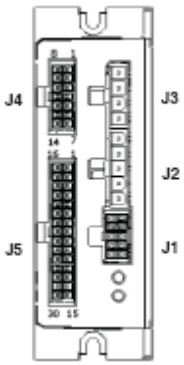
以下图表示从连接线的焊接端所视.

Accelnet Micro:

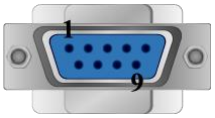
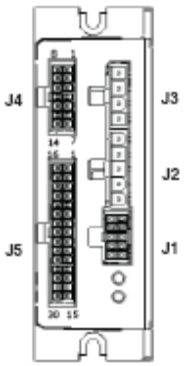
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		Accelnet Micro Panel RS232 J5 Cable Connector
2 RX	8 RX		29 TXD
3 TX	7 TX		14 RXD
5 GND	5 GND		15 GND
			

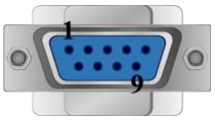
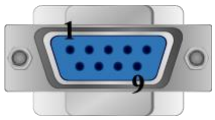
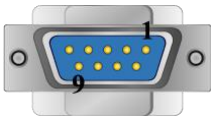
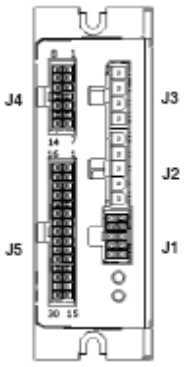
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			Accelnet Micro Panel RS232 J5 Cable Connector
2 RX			29 TXD
3 TX			14 RXD
5 GND			15 GND
			

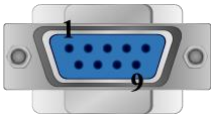
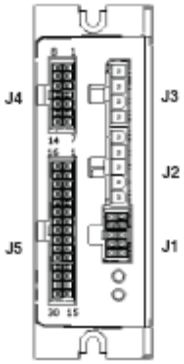
MT8000iE series

COM1 RS232 9P D-Sub Female			Accelnet Micro Panel RS232 J5 Cable Connector
2 RX			29 TXD
3 TX			14 RXD
5 GND			15 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	Accelnet Micro Panel RS232 J5 Cable Connector
2 RX	6 RX	8 RX	29 TXD
3 TX	4 TX	7 TX	14 RXD
5 GND	5 GND	5 GND	15 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			Accelnet Micro Panel RS232 J5 Cable Connector
9 RX			29 TXD
6 TX			14 RXD
5 GND			15 GND
			

驱动版本:

版本	日期	叙述
V1.20	Dec/30/2008	

CROUZET M3 (FBD)

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	CROUZET M3 (FBD)		
PLC 界面	RS232		
传输速率	115200		
数据位	7		
校验	Even		
停止位	1		
PLC 站号	1		

*于穿透模式下可同时支持 HMI 与 PLC 间的通讯

*于穿透模式下可设定 LW-9903 为 2 来增进上传/下载 PLC 程序的速度

设备类型:

字符/位	设备型态	格式	范围	注释
B	I	DD	1 ~ 99	Input
B	SLI_Bit	DDh	10 ~ 24f	Serial link input
B	SLO_Bit	DDh	250 ~ 48f	Serial link output (read only)
B	State	D	1	State in PLC (read only)
W	AI	DD	1 ~ 99	Analogy input (default: 1 ~ 4)
W	SL_IN	DD	1 ~ 24	Serial link input
W	SL_OUT	DD	25 ~ 48	Serial link output (read only)
W	Time	D	1 ~ 6	Time & Day*
W	Order	D	1	Command** (write only)

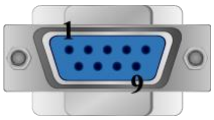
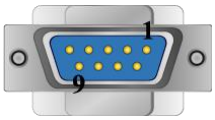
* 地址 1~6 分别为:秒，分，时，日，月，年;年份允许输入 0~99,输入 0 则年份为 2000 年,输入 99 则年份为 2099 年.

** run mode 写入值:2，stop mode 写入值:1

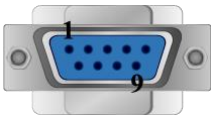
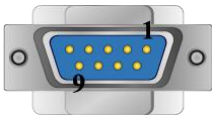
接线图:

以下图表示从连接线的焊接端所视.

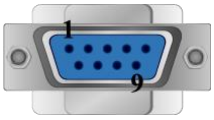
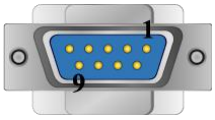
eMT3000 series

COM1 RS232 9P D-Sub Female			CROUZET M3 RS232 9P D-Sub Male (Extension Cable)
2 RX			2 TD
3 TX			3 RD
5 GND			5 GND
7 RTS			4 DTR
			

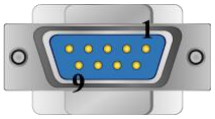
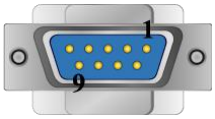
MT8000iE series

COM1 RS232 9P D-Sub Female			CROUZET M3 RS232 9P D-Sub Male (Extension Cable)
2 RX			2 TD
3 TX			3 RD
5 GND			5 GND
7 RTS			4 DTR
			

MT6000/8000 series except MT6050i/MT8050i

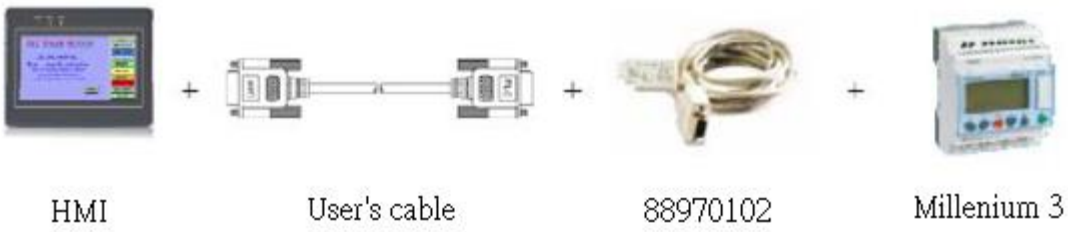
COM1 RS232 9P D-Sub Female			CROUZET M3 RS232 9P D-Sub Male (Extension Cable)
2 RX			2 TD
3 TX			3 RD
5 GND			5 GND
7 RTS			4 DTR
			

MTx050i/MTx050iP/MTx050iE Series

COM1 RS232 9P D-Sub Male			CROUZET M3 RS232 9P D-Sub Male (Extension Cable)
9 RX			2 TD
6 TX			3 RD
5 GND			5 GND
4 TX+			4 DTR
			



(3m 系列链接线)
注释:请使用 3m 系列链接线(Accessories from Millenium 3)和延长线(如上所述)和 HMI series 通讯.



驱动版本:

版本	日期	叙述
V1.10	Oct/26/2010	
V1.20	Mar/29/2012	新增缓存器 : State, Time, Order
V1.30	May/14/2012	新增 Time 允许写入
V1.60	Jun/05/2013	修正缓存器 IA 名称为 AI

CROUZET M3 (LAD)

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	CROUZET M3 (LAD)		
PLC 界面	RS232		
传输速率	115200		
数据位	7		
校验	Even		
停止位	1		
PLC 站号	1		

*于穿透模式下可同时支持 HMI 与 PLC 间的通讯

*于穿透模式下可设定 LW-9903 为 2 来增进上传/下载 PLC 程序的速度

设备类型:

字符/位	设备型态	格式	范围	注释
B	I	DD	1 ~ 99	Input (default: 1 ~ 4)
B	O	DD	1 ~ 99	Output (default: 1 ~ 4)
B	M	DD	1 ~ 28	Relay
B	SLI_Bit	DDh	10 ~ 24f	Serial link input
B	SLO_Bit	DDh	250 ~ 48f	Serial link output (read only)
B	State	D	1	State in PLC (read only)
W	T	DD	1 ~ 12	Timer
W	C	DD	1 ~ 16	Counter
W	AI	DD	1 ~ 99	Analogy input (default: 1 ~ 4)
W	SL_IN	DD	1 ~ 24	Serial link input
W	SL_OUT	DD	25 ~ 48	Serial link output (read only)
W	Time	D	1 ~ 6	Time & Day *
W	Order	D	1	Command (write only) **

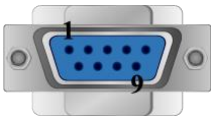
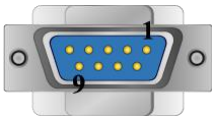
* 地址 1~6 分别为:秒，分，时，日，月，年; 年份允许输入 0~99,输入 0 则年份为 2000 年, 输入 99 则年份为 2099 年.

** run mode 写入值:2，stop mode 写入值:1

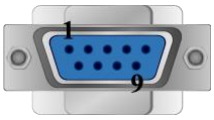
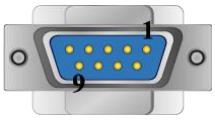
接线图:

以下图表示从连接线的焊接端所视.

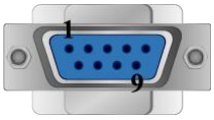
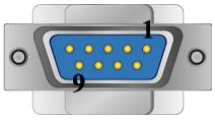
Emt3000 series

COM1 RS232 9P D-Sub Female			CROUZET M3 RS232 9P D-Sub Male (Extension Cable)
2 RX			2 TD
3 TX			3 RD
5 GND			5 GND
7 RTS			4 DTR
			

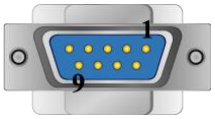
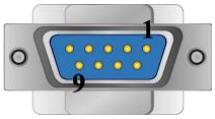
MT8000Ie series

COM1 RS232 9P D-Sub Female			CROUZET M3 RS232 9P D-Sub Male (Extension Cable)
2 RX			2 TD
3 TX			3 RD
5 GND			5 GND
7 RTS			4 DTR
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			CROUZET M3 RS232 9P D-Sub Male (Extension Cable)
2 RX			2 TD
3 TX			3 RD
5 GND			5 GND
7 RTS			4 DTR
			

MTx050i/MTx050iP/MTx050iE Series

COM1 RS232 9P D-Sub Male			CROUZET M3 RS232 9P D-Sub Male (Extension Cable)
9 RX			2 TD
6 TX			3 RD
5 GND			5 GND
4 TX+			4 DTR
			



(3m 系列链接线)
注释:请使用 3m 系列链接线(Accessories from Millenium 3)和延长线(如上所述)和 HMI series 通讯.



驱动版本:

版本	日期	叙述
V1.20	Oct/26/2010	
V1.30	Mar/30/2012	新增缓存器 ：State, Time, Order
V1.40	May/14/2012	新增 Time 允许写入
V1.70	Jun/05/2013	修正缓存器 IA 名称为 AI

Danfoss ECL Apex20

网站: http://www.danfoss.com/

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	Danfoss ECL Apex20		
PLC 界面	RS232		
传输速率	9600		
校验	None		
数据位	8		
停止位	1		
PLC 站号	1		

设备类型:

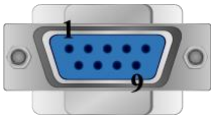
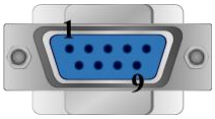
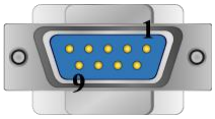
字符/位	设备型态	格式	范围	注释
B	Flag	DDDD	0 ~ 8191	
B	Output	DDDD	0 ~ 1023	
B	Input	DDDD	0 ~ 1023	
B	Reg_Bit	DDDDDdd	0 ~ 1638331	dd: Bit no. (00 ~ 31)
DW	Register	DDDDD	0 ~ 16383	
DW	Counter	DDDD	0 ~ 1599	
DW	Timer	DDDD	0 ~ 1599	
DW	Reg_Float	DDDDD	0 ~ 16383	支持 32-bit float 格式

EasyBuilder 装置地址范围会不同于 PLC 延伸型态，请参考 EasyBuilder 的地址范围，如上所述.

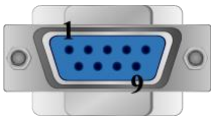
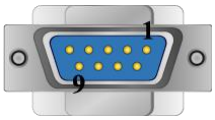
接线图:

以下图表示从连接线的焊接端所视.

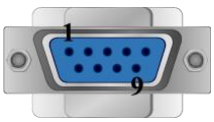
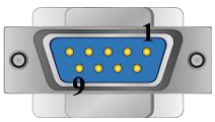
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		ECL Apex20 Controller RS232 9P D-Sub Male	
2 RX	8 RX		3 TXD	
3 TX	7 TX		2 RXD	
5 GND	5 GND		5 GND	
			7 RTS	circuit
			8 CTS	
				

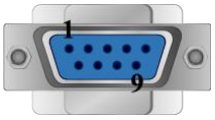
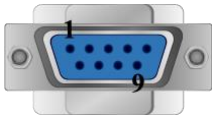
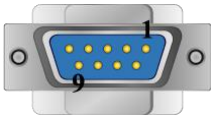
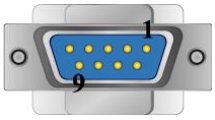
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			ECL Apex20 Controller RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

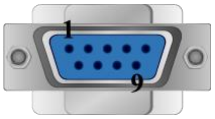
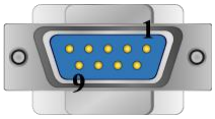
MT8000iE series

COM1 RS232 9P D-Sub Female			ECL Apex20 Controller RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

MT6000/8000 series except MT6050i/MT8050i

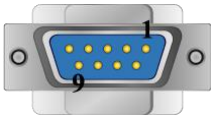
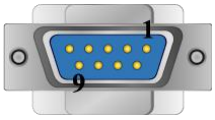
COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	ECL Apex20 Controller RS232 9P D-Sub Male
2 RX	6 RX	8 RX	3 TXD
3 TX	4 TX	7 TX	2 RXD
5 GND	5 GND	5 GND	5 GND
			7 RTS 8 CTS circuit
			

MT6050i/MT8050i

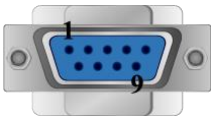
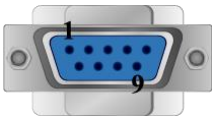
COM1 RS232 9P D-Sub Female			ECL Apex20 Controller RS232 9P D-Sub Male
9 RX			3 TXD
6 TX			2 RXD
5 GND			5 GND
			7 RTS 8 CTS circuit
			

以下图表示从连接线的焊接端所视.

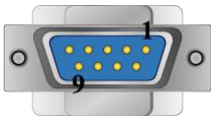
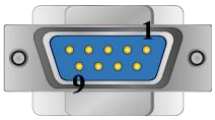
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		ECL Apex20 Controller Port#1 / Port#0
1 RX-	6 Data-		11 / 29
2 RX+	9 Data+		12 / 28
5 GND	5 GND		
			

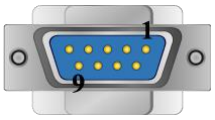
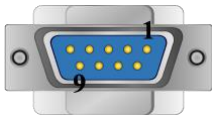
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		ECL Apex20 Controller Port#1 / Port#0
7 RX-	4 Data-		11 / 29
6 RX+	1 Data+		12 / 28
5 GND	5 GND		
			

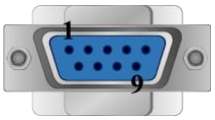
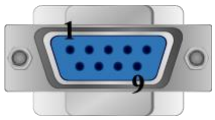
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		ECL Apex20 Controller Port#1 / Port#0
1 RX-	7 Data-		11 / 29
2 RX+	8 Data+		12 / 28
5 GND	9 GND		
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		ECL Apex20 Controller Port#1 / Port#0
1 RX-	6 Data-		11 / 29
2 RX+	9 Data+		12 / 28
5 GND	5 GND		
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		ECL Apex20 Controller Port#1 / Port#0
1 RX-	7 Data-		11 / 29
2 RX+	8 Data+		12 / 28
5 GND	5 GND		
			

驱动版本:

版本	日期	叙述
V1.40	OCT/06/2008	

Danfoss ECL Apex20 (Ethernet)

网站: http://www.danfoss.com/

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	Danfoss ECL Apex20 (Ethernet)		
PLC 界面	Ethernet		
PLC 站号	0		
端口	5050		

设备类型:

字符/位	设备型态	格式	范围	注释
B	Flag	DDDD	0 ~ 8191	
B	Output	DDDD	0 ~ 1023	
B	Input	DDDD	0 ~ 1023	
B	Reg_Bit	DDDDDdd	0 ~ 1638331	dd: Bit no. (00 ~ 31)
W	Register	DDDDD	0 ~ 16383	
W	Counter	DDDD	0 ~ 1599	
W	Timer	DDDD	0 ~ 1599	
W	Reg_Float	DDDDD	0 ~ 16383	支持 32-bit float 格式

EasyBuilder 装置地址范围会不同于 PLC 延伸型态，请参考 EasyBuilder's 地址范围，如上所述.

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

驱动版本:

版本	日期	叙述
V1.10	Jan/10/2011	

Danfoss FC Series

支持系列: FC051, FC100, FC200, FC300, VLT Micro Driver.
网站: http://www.danfoss.com/

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	Danfoss FC Series		
PLC 界面	RS485 2W		
传输速率	9600		
校验	Even		
数据位	8		
停止位	1		
PLC 站号	1		

设备类型:

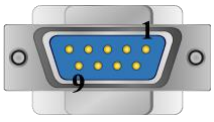
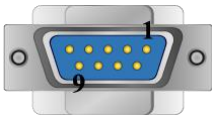
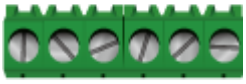
字符/位	设备型态		格式	范围	注释
W	Parameter	09	DDDD	0 ~ 9999	Set Parameter
DW	Reference	10	D	0 ~ 1	Control Bus Reference
DW	Para_Index	11	DDDDDD	0 ~ 999999	Set Parameter(Index)

Para_Index 310.1=31001, Para_Index310.0=31000

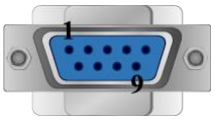
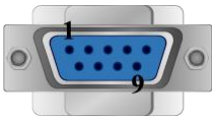
接线图:

以下图表示从连接线的焊接端所视.

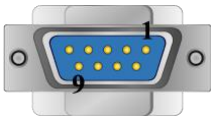
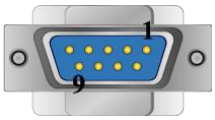
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		FC RS485 terminal
1 RX-	6 Data-		69 D-
2 RX+	9 Data+		68 D+
5 GND	5 GND		
			

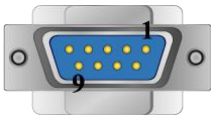
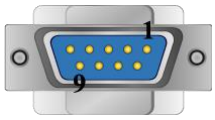
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		FC RS485 terminal
7 RX-	4 Data-		69 D-
6 RX+	1 Data+		68 D+
5 GND	5 GND		
			

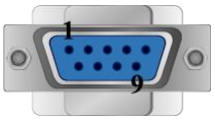
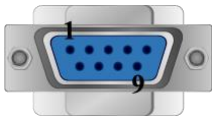
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		FC RS485 terminal
1 RX-	7 Data-		69 D-
2 RX+	8 Data+		68 D+
5 GND	9 GND		
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		FC RS485 terminal
1 RX-	6 Data-		69 D-
2 RX+	9 Data+		68 D+
5 GND	5 GND		
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		FC RS485 terminal
1 RX-	7 Data-		69 D-
2 RX+	8 Data+		68 D+
5 GND	5 GND		
			

*RW100 set PCD1 Control Word of station 1
*RW101 read PCD1 Status Word of station 1
*RW102 set PCD2 Control Word of station 2
*RW103 read PCD2 Status Word of station 2
*RW104 set PCD3 Control Word of station 3
*RW105 read PCD3 Status Word of station 3
*RW106 set PCD4 Control Word of station 4
*RW107 read PCD4 Status Word of station 4

驱动版本:

版本	日期	叙述
V1.10	Jan/14/2010	

Danfoss VLT2800 Series

支持系列: VLT2800 series

网站: http://www.danfoss.com/

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	Danfoss VLT2800 Series		
PLC 界面	RS485 2W		
传输速率	9600		
校验	Even		
数据位	8		
停止位	1		
PLC 站号	1	0-126	依照 PLC

PLC 设定：

通讯模式	9600, Even, 8, 1 (预设)

设备类型:

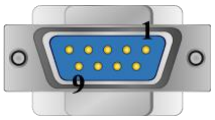
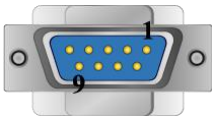
字符/位	设备型态	格式	范围	注释
DW	Parameter	DDDD	0 ~ 2000	Set Parameter
W	Reference	D	0 ~ 1	Control Bus Reference

控制字组是和站号有关，如果站号是 1，控制字组是 RW100 和 RW101；如果站号是 2，控制字组则是 RW102 和 RW103，依照这个规则去选择正确的控制字组.

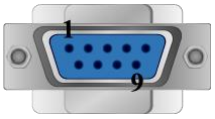
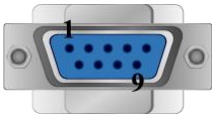
接线图:

以下图表示从连接线的焊接端所视.

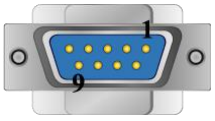
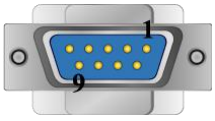
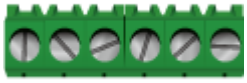
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 terminal
1 RX-	6 Data-		69 D-
2 RX+	9 Data+		68 D+
5 GND	5 GND		
			

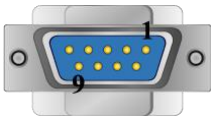
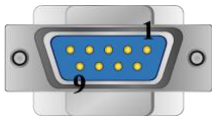
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 terminal
7 RX-	4 Data-		69 D-
6 RX+	1 Data+		68 D+
5 GND	5 GND		
			

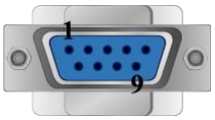
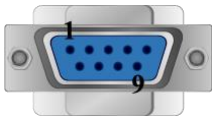
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 terminal
1 RX-	7 Data-		69 D-
2 RX+	8 Data+		68 D+
5 GND	9 GND		
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 terminal
1 RX-	6 Data-		69 D-
2 RX+	9 Data+		68 D+
5 GND	5 GND		
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 terminal
1 RX-	7 Data-		69 D-
2 RX+	8 Data+		68 D+
5 GND	5 GND		
			

驱动版本:

版本	日期	叙述
V1.10	Dec/30/2008	

DELTA DVP

支持系列: DELTA DVP series

网站: http://www.deltadriver.com

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	DELTA DVP		
PLC 界面	RS232	RS232, RS485	
传输速率	9600	9600, 19200	
校验	Even	Even, Odd, None	
数据位	7	7, 8	
停止位	1	1	
PLC 站号	1	0-255	

*于穿透模式下可同时支持 HMI 与 PLC 间的通讯

*于穿透模式下可设定 LW-9903 为 2 来增进上传/下载 PLC 程序的速度

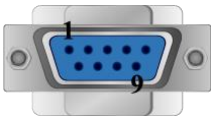
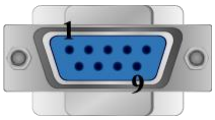
设备类型:

字符/位	设备型态	格式	范围	注释
B	X	OOOOO	0 ~ 23417 (octal)	Input
B	Y	OOOOO	0 ~ 23417 (octal)	Output
B	M	DDDDD	0 ~ 65536	Auxiliary Relay
B	S	DDDD	0 ~ 9999	Step Relay
B	T	DDDD	0 ~ 9999	Timer
B	C	DDDD	0 ~ 9999	Counter
B	TV_Bit	DDDDdd	0 ~ 999915	Timer
W	TV	DDDD	0 ~ 9999	Timer
W	CV	DDD	0 ~ 127	Counter
W	CV2	DDD	200 ~ 254	Double Word Counter
W	D	DDDD	0 ~ 9999	Data Register

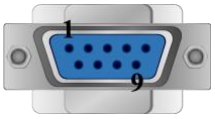
接线图:

以下图表示从连接线的焊接端所视.

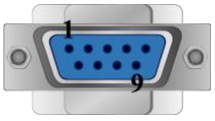
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 8P Mini-DIN Female socket
2 RX	8 RX		5 TXD
3 TX	7 TX		4 RXD
5 GND	5 GND		3/8 GND
			

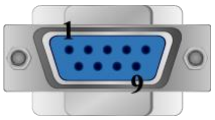
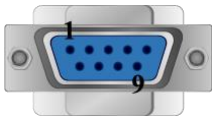
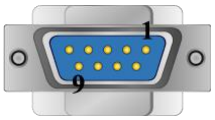
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 8P Mini-DIN Female socket
2 RX			5 TXD
3 TX			4 RXD
5 GND			3/8 GND
			

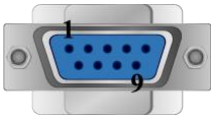
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 8P Mini-DIN Female socket
2 RX			5 TXD
3 TX			4 RXD
5 GND			3/8 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 8P Mini-DIN Female socket
2 RX	6 RX	8 RX	5 TXD
3 TX	4 TX	7 TX	4 RXD
5 GND	5 GND	5 GND	3/8 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 8P Mini-DIN Female socket
9 RX			5 TXD
6 TX			4 RXD
5 GND			3/8 GND
			

驱动版本:

版本	日期	叙述
V1.00	Dec/30/2008	

DELTA DVPEN01-SL (Ethernet)

网站: http://www.deltadriver.com

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	DELTA DVPEN01-SL (Ethernet)		
PLC 界面	Ethernet		
PLC 站号	0		
端口	502		

设备类型:

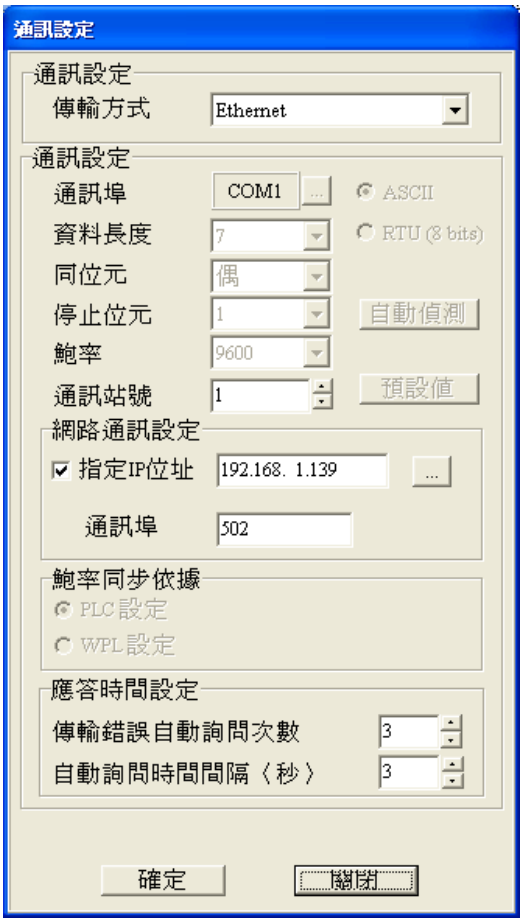
字符/位	设备型态	格式	范围	注释
B	C_Bit	DDD	0 ~ 255	
B	M	DDDD	0 ~ 4095	
B	S	DDDD	0 ~ 1023	
B	T_Bit	DDD	0 ~ 255	
B	X	OOO	0 ~ 571	
B	Y	OOO	0 ~ 571	
W	C	DDD	0 ~ 199	
DW	C_32Bit	DDD	200 ~ 255	
W	D	DDDDD	0 ~ 11999	
W	T	DDD	0 ~ 255	

PLC 设定:

1. 建立联机

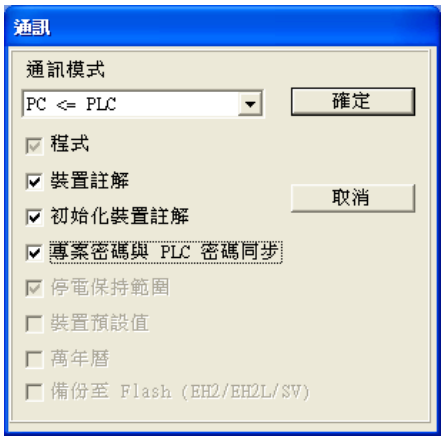
新增一个项目名称，点选**档案 -> 开新档案**，输入**项目标题**及**文件名**，并选择正确的型号，按下**设定**进行通讯参数的设定，按 **OK** 后储存设定后，软件及 PLC 即进行联机。





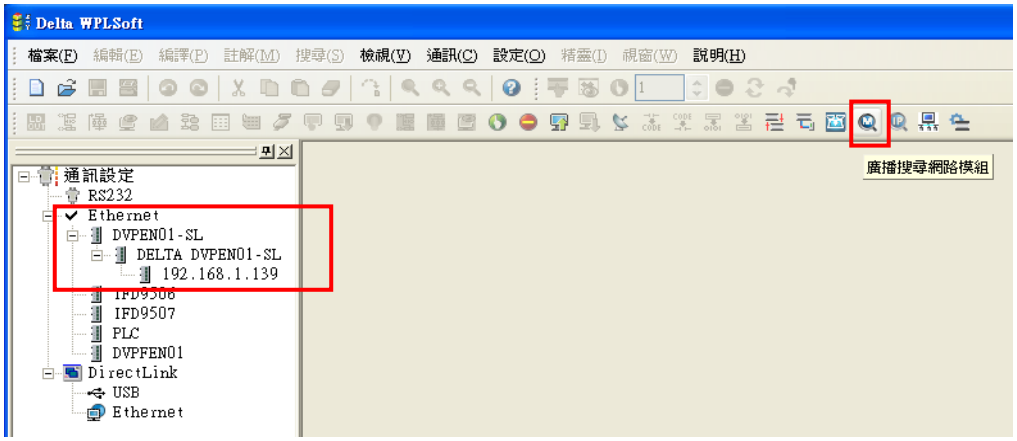
2. 上传/下载各项通讯参数

点选**通讯 -> PC<=>(PLC | HPP)**，在通讯模式可以选择要上传或下载各项参数，按**确定**后开始进行动作。



3. 广播搜寻网络模块

透过点选**广播搜寻网络模块**，可以找到相同网域内的 PLC 模块,如下图我们找到一台 IP 为 192.168.1.139 的 DVPEN01-SL 的网络模块。



接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.00	Jun/11/2012	发布驱动程序.
V1.10	Aug/20/2012	新增缓存器 : C_32Bit.

DL-BCM Server

网站 : http://www.hzdelin.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	DL-BCM Server		
PLC 界面	RS232	RS232, RS485	
传输速率	9600	9600~115200	
校验	8	8	
数据位	None	Even, Odd, None	
停止位	1	1	
PLC 站号	0	0-31	

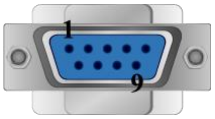
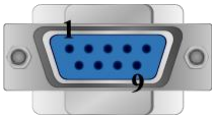
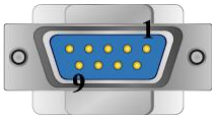
设备类型:

字符/位	设备类型	格式	范围	注释
B	LB	dddd	0 ~ 9998	
W	LW	dddd	0 ~ 9998	
W	RW	ddddd	0 ~ 55536	

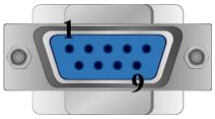
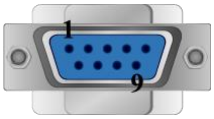
接线图:

以下图表示从连接线的焊接端所视.

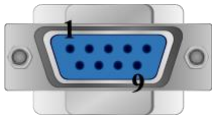
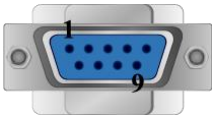
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male	
2 RX	8 RX		TXD	
3 TX	7 TX		RXD	
5 GND	5 GND		GND	
			RTS	circuit
			CTS	
				

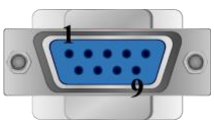
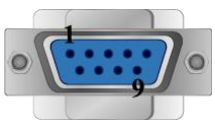
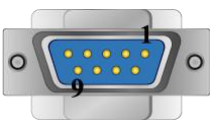
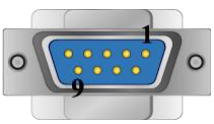
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub FeMale	
2 RX			TXD	
3 TX			RXD	
5 GND			GND	
			RTS	circuit
			CTS	
				

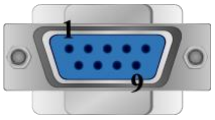
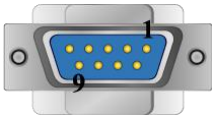
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub FeMale	
2 RX			TXD	
3 TX			RXD	
5 GND			GND	
			RTS	circuit
			CTS	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male	
2 RX	6 RX	8 RX	TXD	
3 TX	4 TX	7 TX	RXD	
5 GND	5 GND	5 GND	GND	
			RTS	circuit
			CTS	
				

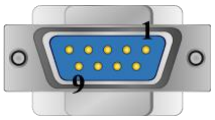
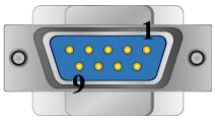
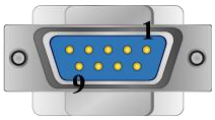
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
9 RX			TXD	
6 TX			RXD	
5 GND			GND	
			RTS	circuit
			CTS	
				

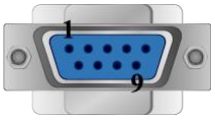
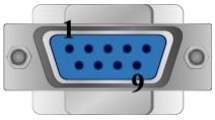
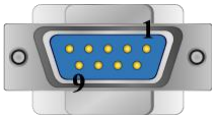
以下图表示从连接线的焊接端所视.

RS485 2W

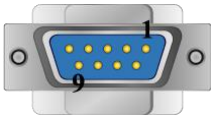
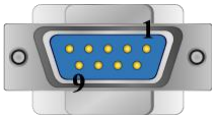
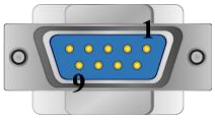
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		8 D-
2 RX+	9 Data+		3 D+
5 GND	5 GND		5 GND
			

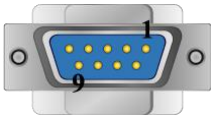
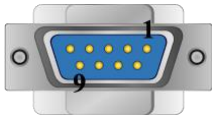
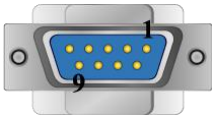
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
7 RX-	4 Data-		8 D-
6 RX+	1 Data+		3 D+
5 GND	5 GND		5 GND
			

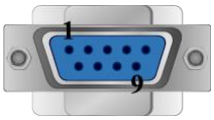
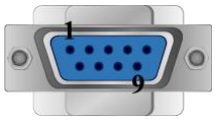
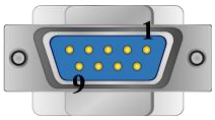
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		8 D-
2 RX+	8 Data+		3 D+
5 GND	9 GND		5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		8 D-
2 RX+	9 Data+		3 D+
5 GND	5 GND		5 GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		8 D-
2 RX+	8 Data+		3 D+
5 GND	5 GND		5 GND
			

驱动版本:

版本	日期	叙述
V1.00	Dec/8/2008	发布驱动程序

DL/T645 CHUANG HONG

网站: http://www.cw180.com

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	DL/T645 CHUANG HONG		
PLC 界面	RS485 2W		
传输速率	9600		
校验	Even		
数据位	8		
停止位	1		
PLC 站号	1		

设备类型:

字符/位	设备型态	格式	范围	注释
W	B621	D	0 ~ 1	
W	B622	D	0 ~ 1	
W	B623	D	0 ~ 1	
W	B621	D	0 ~ 1	
W	B622	D	0 ~ 1	
W	B623	D	0 ~ 1	
W	zero phase	D	0 ~ 1	
W	B611	D	0 ~ 1	
W	B612	D	0 ~ 1	
W	B613	D	0 ~ 1	
W	B631	D	0 ~ 1	
W	B632	D	0 ~ 1	
W	B633	D	0 ~ 1	
W	B630	D	0 ~ 1	
W	B641	D	0 ~ 1	
W	B642	D	0 ~ 1	
W	B643	D	0 ~ 1	
W	B640	D	0 ~ 1	

字符/位	设备型态	格式	范围	注释
W	A-apparentT	D	0 ~ 1	
W	B-apparentT	D	0 ~ 1	
W	C-apparentT	D	0 ~ 1	
W	T-apparentT	D	0 ~ 1	
W	B650	D	0 ~ 1	
W	B651	D	0 ~ 1	
W	B652	D	0 ~ 1	
W	B653	D	0 ~ 1	
W	9010	D	0 ~ 1	
W	9020	D	0 ~ 1	
W	9110	D	0 ~ 1	
W	9120	D	0 ~ 1	
W	9130	D	0 ~ 1	
W	9140	D	0 ~ 1	
W	9150	D	0 ~ 1	
W	9160	D	0 ~ 1	
W	9410	D	0 ~ 1	
W	9420	D	0 ~ 1	
W	9510	D	0 ~ 1	
W	9520	D	0 ~ 1	
W	9530	D	0 ~ 1	
W	9540	D	0 ~ 1	
W	9550	D	0 ~ 1	
W	9560	D	0 ~ 1	
W	9810	D	0 ~ 1	
W	9820	D	0 ~ 1	
W	9910	D	0 ~ 1	
W	9920	D	0 ~ 1	
W	9930	D	0 ~ 1	
W	9940	D	0 ~ 1	
W	9950	D	0 ~ 1	
W	9960	D	0 ~ 1	
W	A010	D	0 ~ 1	
W	A020	D	0 ~ 1	
W	A110	D	0 ~ 1	
W	A120	D	0 ~ 1	
W	A130	D	0 ~ 1	

字符/位	设备型态	格式	范围	注释
W	A140	D	0 ~ 1	
W	A150	D	0 ~ 1	
W	A160	D	0 ~ 1	
W	A410	D	0 ~ 1	
W	A420	D	0 ~ 1	
W	A510	D	0 ~ 1	
W	A520	D	0 ~ 1	
W	A530	D	0 ~ 1	
W	A540	D	0 ~ 1	
W	A550	D	0 ~ 1	
W	A560	D	0 ~ 1	
W	A810	D	0 ~ 1	
W	A820	D	0 ~ 1	
W	A910	D	0 ~ 1	
W	A920	D	0 ~ 1	
W	A930	D	0 ~ 1	
W	A940	D	0 ~ 1	
W	A950	D	0 ~ 1	
W	A960	D	0 ~ 1	
W	B010	D	0 ~ 1	
W	B020	D	0 ~ 1	
W	B110	D	0 ~ 1	
W	B120	D	0 ~ 1	
W	B130	D	0 ~ 1	
W	B140	D	0 ~ 1	
W	B150	D	0 ~ 1	
W	B160	D	0 ~ 1	
W	B410	D	0 ~ 1	
W	B420	D	0 ~ 1	
W	B510	D	0 ~ 1	
W	B520	D	0 ~ 1	
W	B530	D	0 ~ 1	
W	B540	D	0 ~ 1	
W	B550	D	0 ~ 1	
W	B560	D	0 ~ 1	
W	B810	D	0 ~ 1	
W	B820	D	0 ~ 1	

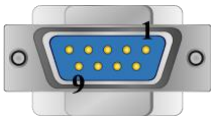
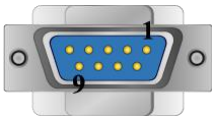
字符/位	设备型态	格式	范围	注释
W	B910	D	0 ~ 1	
W	B920	D	0 ~ 1	
W	B930	D	0 ~ 1	
W	B940	D	0 ~ 1	
W	B950	D	0 ~ 1	
W	B960	D	0 ~ 1	
W	B210	D	0 ~ 1	
W	B211	D	0 ~ 1	
W	B212	D	0 ~ 1	
W	B213	D	0 ~ 1	
W	B214	D	0 ~ 1	
W	B310	D	0 ~ 1	
W	B311	D	0 ~ 1	
W	B312	D	0 ~ 1	
W	B313	D	0 ~ 1	
W	B320	D	0 ~ 1	
W	B321	D	0 ~ 1	
W	B322	D	0 ~ 1	
W	B323	D	0 ~ 1	
W	B330	D	0 ~ 1	
W	B331	D	0 ~ 1	
W	B332	D	0 ~ 1	
W	B333	D	0 ~ 1	
W	B340	D	0 ~ 1	
W	B341	D	0 ~ 1	
W	B342	D	0 ~ 1	
W	B343	D	0 ~ 1	
W	C010	D	0 ~ 1	
W	C011	D	0 ~ 1	
W	C020	D	0 ~ 1	
W	C021	D	0 ~ 1	
W	C022	D	0 ~ 1	
W	C030	D	0 ~ 1	
W	C031	D	0 ~ 1	
W	C032	D	0 ~ 1	
W	C033	D	0 ~ 1	
W	C034	D	0 ~ 1	

字符/位	设备型态	格式	范围	注释
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W	C112	D	0 ~ 1	
W	C113	D	0 ~ 1	
W	C114	D	0 ~ 1	
W	C115	D	0 ~ 1	
W	C116	D	0 ~ 1	
W	C117	D	0 ~ 1	
W	C118	D	0 ~ 1	
W	C119	D	0 ~ 1	
W	C11A	D	0 ~ 1	
W	C211	D	0 ~ 1	
W	C212	D	0 ~ 1	
W	C310	D	0 ~ 1	
W	C311	D	0 ~ 1	
W	C312	D	0 ~ 1	
W	C313	D	0 ~ 1	
W	C314	D	0 ~ 1	
W	C320	D	0 ~ 1	
W	C321	D	0 ~ 1	
W	C322	D	0 ~ 1	
W	C330	D	0 ~ 1	
W	C331	D	0 ~ 1	
W	C332	D	0 ~ 1	
W	C340	D	0 ~ 1	
W	C341	D	0 ~ 1	
W	C342	D	0 ~ 1	
W	C3A0	D	0 ~ 1	
W	C3A1	D	0 ~ 1	
W	C3A2	D	0 ~ 1	
W	C410	D	0 ~ 1	
W	C411	D	0 ~ 1	
W	C41E	D	0 ~ 1	
W	C510	D	0 ~ 1	
W	C511	D	0 ~ 1	
W	B634	D	0 ~ 1	
W	B635	D	0 ~ 1	

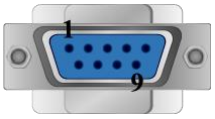
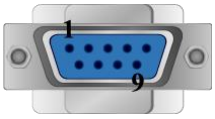
接线图:

以下图表示从连接线的焊接端所视.

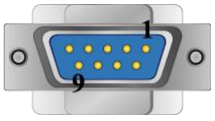
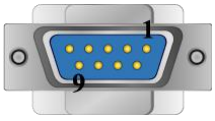
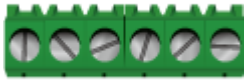
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 terminal
1 RX-	6 Data-		13 RS485B1
2 RX+	9 Data+		12 RS485A1
5 GND	5 GND		
			

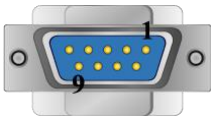
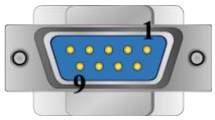
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 terminal
7 RX-	4 Data-		13 RS485B1
6 RX+	1 Data+		12 RS485A1
5 GND	5 GND		
			

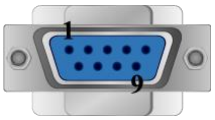
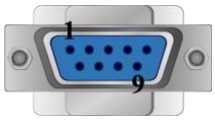
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 terminal
1 RX-	7 Data-		13 RS485B1
2 RX+	8 Data+		12 RS485A1
5 GND	9 GND		
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 terminal
1 RX-	6 Data-		13 RS485B1
2 RX+	9 Data+		12 RS485A1
5 GND	5 GND		
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 terminal
1 RX-	7 Data-		13 RS485B1
2 RX+	8 Data+		12 RS485A1
5 GND	5 GND		
			

驱动版本:

版本	日期	叙述
V1.00	Apr/13/2011	发布驱动程序.

DL/T645 Standard

网站: http://www.cw180.com

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	DL/T645 Standard		
PLC 界面	RS485 2W		
传输速率	9600		
校验	Even		
数据位	8		
停止位	1		
PLC 站号	1		

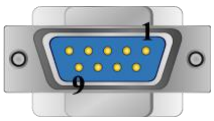
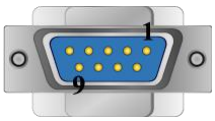
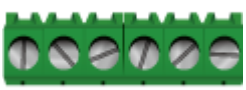
设备类型:

字符/位	设备型态	格式	范围	注释
W	Data	HHHHHHHH	0 ~ 6FFFFFF	

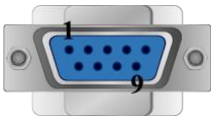
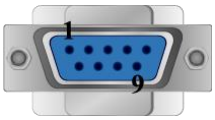
接线图:

以下图表示从连接线的焊接端所视.

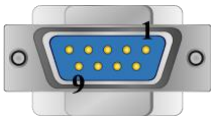
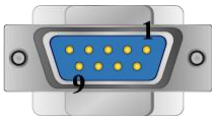
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 terminal
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		
			

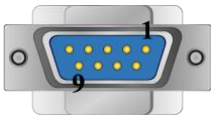
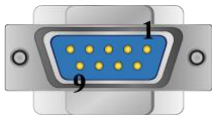
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 terminal
7 RX-	4 Data-		D-
6 RX+	1 Data+		D+
5 GND	5 GND		
			

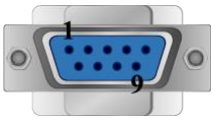
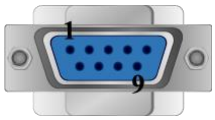
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 terminal
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	9 GND		
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 terminal
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 terminal
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	5 GND		
			

驱动版本:

版本	日期	叙述
V1.00	Apr/14/2011	发布驱动程序.

EMERSON Charge Module

网站: http://www.emersonnetworkpower.com.cn/Pages/Default.aspx

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	EMERSON Charge Module		
PLC 界面	RS-232		
PLC 站号	9600		
传输速率	8		
数据位	Odd		
校验	1		
停止位	1		

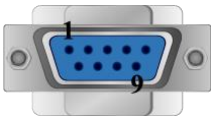
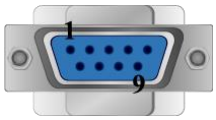
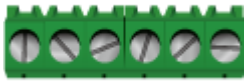
设备类型:

字符/位	设备类型	格式	范围	注释
B	Float_Point_Forced	D	0 ~ 1	
B	Average_Point_Forced	D	0 ~ 1	
W	Switch_Status	D	0 ~ 1	
W	Manual_Status	D	0 ~ 1	
W	Protect_Status	D	0 ~ 1	
W	Failure_Status	D	0 ~ 1	
W	Preset_Voltage	D	0 ~ 1	
W	Preset_Percent	D	0 ~ 1	
W	Output_Voltage	D	0 ~ 1	
W	Output_Current	D	0 ~ 1	
W	High_Limit	D	0 ~ 1	
W	Low_Limit	D	0 ~ 1	
W	Float_Point_Setting	D	0 ~ 1	
W	Average_Point_Setting	D	0 ~ 1	

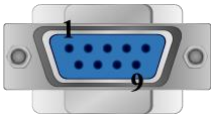
接线图:

以下图表示从连接线的焊接端所视.

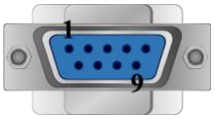
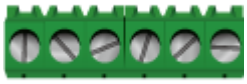
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 terminal
2 RX	8 RX		TXD
3 TX	7 TX		RXD
5 GND	5 GND		GND
			

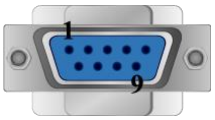
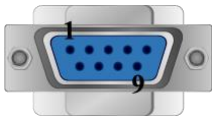
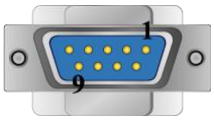
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 terminal
2 RX			TXD
3 TX			RXD
5 GND			GND
			

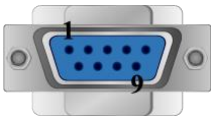
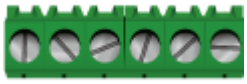
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 terminal
2 RX			TXD
3 TX			RXD
5 GND			GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 terminal
2 RX	6 RX	8 RX	TXD
3 TX	4 TX	7 TX	RXD
5 GND	5 GND	5 GND	GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 terminal
9 RX			TXD
6 TX			RXD
5 GND			GND
			

驱动版本:

版本	日期	叙述
V1.00	Mar/3/2009	

EMERSON PLC EC20

支持系列: Emerson PLC EC20 Series. (Modbus RTU Protocol)

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	EMERSON PLC EC20		
PLC 界面	RS232		
传输速率	9600	9600, 19200, 115200	
校验	Even	Even, Odd, None	
数据位	8	7 or 8	
停止位	1	1 or 2	
PLC 站号	0	0-255	

PLC 设定:

通讯模式	Modbus RTU protocol

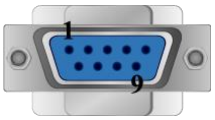
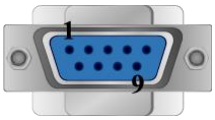
设备类型:

字符/位	设备类型	格式	范围	注释
B	Y	OOO	0 ~ 377	0000-0255
B	X	OOO	0 ~ 377	1200-01455 0000-0255
B	M	DDDD	0 ~ 1999	2000-3999
B	SM	DDD	0~ 255	4400-3999
B	S	DDD	0 ~ 991	6000-6991
B	T	DDD	0 ~ 255	8000-8255
B	C	DDD	0 ~ 255	9200-9455
W	D	DDDD	0 ~ 7999	0000-7999
W	SD	DDD	0 ~ 255	8000-8255
W	Z	DD	0 ~ 15	8500-8515
W	T	DDD	0 ~ 255	9000-9255
W	C	DDD	0 ~ 199	9500-9699
DW	C_Double	DDD	200 ~ 255	9700-9811
DW	D_Double	DDDD	0 ~ 7998	0000-7999

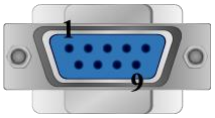
接线图:

以下图表示从连接线的焊接端所视.

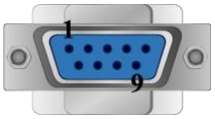
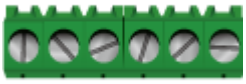
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		Emerson EC20 COM1 terminal
2 RX	8 RX		TXD
3 TX	7 TX		RXD
5 GND	5 GND		GND
			

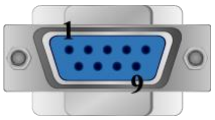
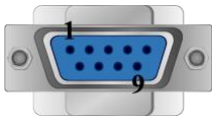
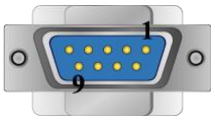
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			Emerson EC20 COM1 terminal
2 RX			TXD
3 TX			RXD
5 GND			GND
			

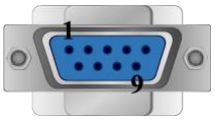
MT8000iE series

COM1 RS232 9P D-Sub Female			Emerson EC20 COM1 terminal
2 RX			TXD
3 TX			RXD
5 GND			GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	Emerson EC20 COM1 terminal
2 RX	6 RX	8 RX	TXD
3 TX	4 TX	7 TX	RXD
5 GND	5 GND	5 GND	GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			Emerson EC20 COM1 terminal
9 RX			TXD
6 TX			RXD
5 GND			GND
			

驱动版本:

版本	日期	叙述
V1.10	Dec/30/2008	

FATEK FB Series

支持系列: FATEK FBs 系列, FB MC 系列, 和 FB MA 系列 需要 FB-DTBR 转接器.

网站: http://www.fatek.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	FATEK FB Series		
PLC 界面	RS232	RS232/RS485/Ethernet	
传输速率	9600		
校验	Even		
数据位	7		
停止位	1		
PLC 站号	1	0-255	
端口	500		

*于穿透模式下可同时支持 HMI 与 PLC 间的通讯

*于穿透模式下可设定 LW-9903 为 2 来增进上传/下载 PLC 程序的速度

设备类型:

字符/位	设备类型	格式	范围	注释
B	X	DDDD	0 ~ 9999	Input
B	Y	DDDD	0 ~ 9999	Output
B	M	DDDD	0 ~ 9999	Internal Relay
B	S	DDDD	0 ~ 9999	Step Relay
B	T	DDDD	0 ~ 9999	Timer
B	C	DDDD	0 ~ 9999	Counter
B	PLC_MODE	D	0	PLC mode
B	R_Bit	DDDDdd	0 ~ 999915	
B	D_Bit	DDDDdd	0 ~ 999915	
W	RT	DDDD	0 ~ 9999	Timer Register
W	RC	DDDD	0 ~ 9999	Counter Register
W	R	DDDD	0 ~ 9999	Data Register
W	D	DDDD	0 ~ 9999	Data Register
W	DRT	DDDD	0 ~ 9999	Double Word Timer Register
W	DRC	DDD	200 ~ 255	Double Word Counter Register

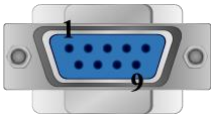
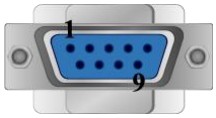
字符/位	设备类型	格式	范围	注释
W	WX	DDDD	0 ~ 9999	Input Word
W	WY	DDDD	0 ~ 9999	Output Word
W	WM	DDDD	0 ~ 9999	Internal Relay Word
W	WS	DDDD	0 ~ 9999	
W	FR	DDDD	0 ~ 9999	

接线图:

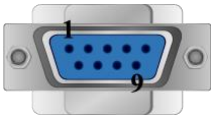
以下图表示从连接线的焊接端所视.

9P D-Sub to 4P Mini-DIN: FBs Port0

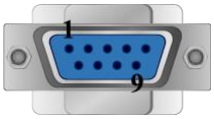
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		FBs RS232 4P Mini-DIN Female socket
2 RX	8 RX		3 TX
3 TX	7 TX		4 RX
5 GND	5 GND		2 GND
			

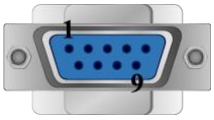
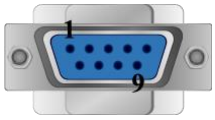
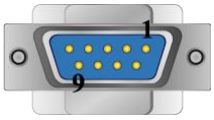
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			FBs RS232 4P Mini-DIN Female socket
2 RX			3 TX
3 TX			4 RX
5 GND			2 GND
			

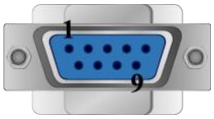
MT8000iE series

COM1 RS232 9P D-Sub Female			FBs RS232 4P Mini-DIN Female socket
2 RX			3 TX
3 TX			4 RX
5 GND			2 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	FBs RS232 4P Mini-DIN Female socket
2 RX	6 RX	8 RX	3 TX
3 TX	4 TX	7 TX	4 RX
5 GND	5 GND	5 GND	2 GND
			

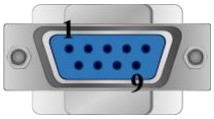
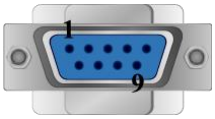
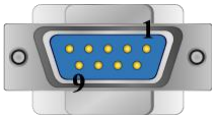
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			FBs RS232 4P Mini-DIN Female socket
9 RX			3 TX
6 TX			4 RX
5 GND			2 GND
			

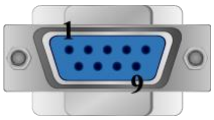
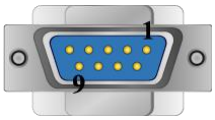
以下图表示从连接线的焊接端所视.

9P D-Sub to 9P D-Sub: FBs communication module

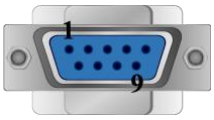
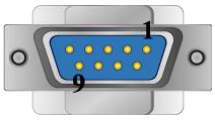
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		FBs communication module RS232 9P D-Sub Male
2 RX	8 RX		2 TX
3 TX	7 TX		3 RX
5 GND	5 GND		5 GND
			

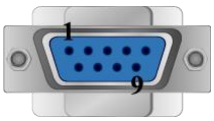
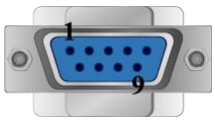
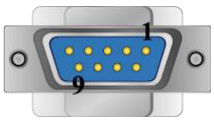
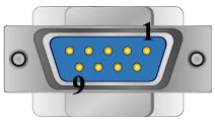
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			FBs communication module RS232 9P D-Sub Male
2 RX			2 TX
3 TX			3 RX
5 GND			5 GND
			

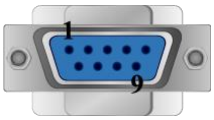
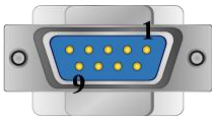
MT8000iE series

COM1 RS232 9P D-Sub Female			FBs communication module RS232 9P D-Sub Male
2 RX			2 TX
3 TX			3 RX
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	FBs communication module RS232 9P D-Sub Male
2 RX	6 RX	8 RX	2 TX
3 TX	4 TX	7 TX	3 RX
5 GND	5 GND	5 GND	5 GND
			

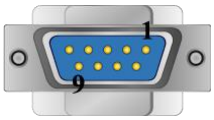
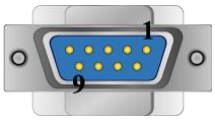
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			FBs communication module RS232 9P D-Sub Male
9 RX			2 TX
6 TX			3 RX
5 GND			5 GND
			

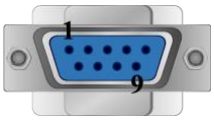
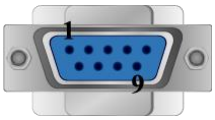
以下图表示从连接线的焊接端所视.

FBs communication module 3P Terminal Block

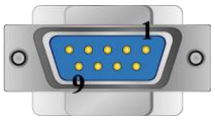
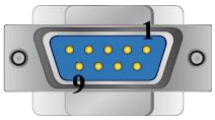
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		FBs communication module 3P Terminal
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		
			

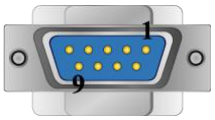
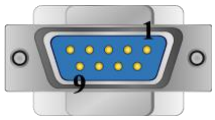
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		FBs communication module 3P Terminal
7 RX-	4 Data-		D-
6 RX+	1 Data+		D+
5 GND	5 GND		
			

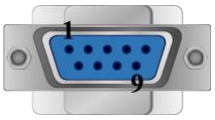
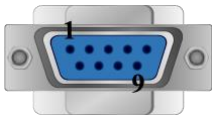
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		FBs communication module 3P Terminal
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	9 GND		
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		FBs communication module 3P Terminal
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		
			

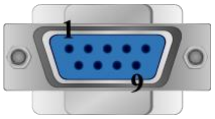
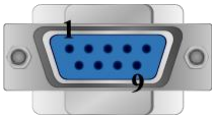
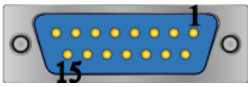
MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		FBs communication module 3P Terminal
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	5 GND		
			

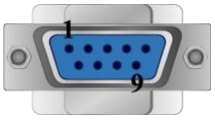
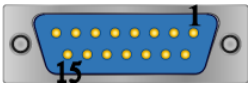
以下图表示从连接线的焊接端所视.

9P D-Sub to 15P D-Sub: CPU Port

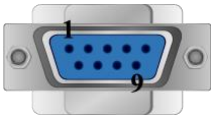
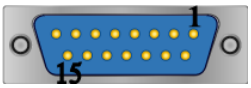
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		FB CPU Port RS232 15P D-Sub Male	
2 RX	8 RX		2 TX	
3 TX	7 TX		1 RX	
5 GND	5 GND		6 GND	
			3 RTS	circuit
			4 CTS	
				

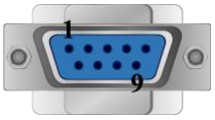
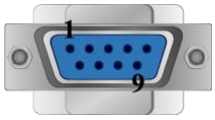
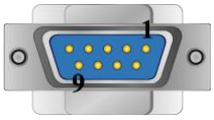
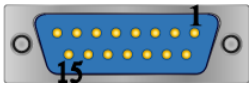
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			FB CPU Port RS232 15P D-Sub Male	
2 RX			2 TX	
3 TX			1 RX	
5 GND			6 GND	
			3 RTS	circuit
			4 CTS	
				

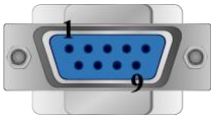
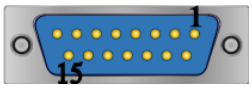
MT8000iE series

COM1 RS232 9P D-Sub Female			FB CPU Port RS232 15P D-Sub Male	
2 RX			2 TX	
3 TX			1 RX	
5 GND			6 GND	
			3 RTS	circuit
			4 CTS	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	FB CPU Port RS232 15P D-Sub Male
2 RX	6 RX	8 RX	2 TX
3 TX	4 TX	7 TX	1 RX
5 GND	5 GND	5 GND	6 GND
			3 RTS / 4 CTS circuit
			

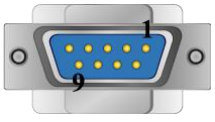
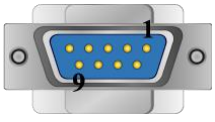
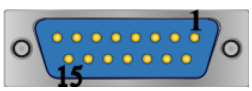
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			FB CPU Port RS232 15P D-Sub Male
9 RX			2 TX
6 TX			1 RX
5 GND			6 GND
			3 RTS / 4 CTS circuit
			

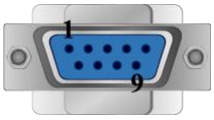
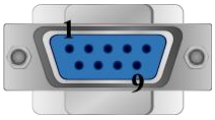
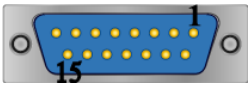
以下图表示从连接线的焊接端所视.

9P D-Sub to 15P D-Sub: CPU Port RS485 2W

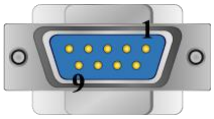
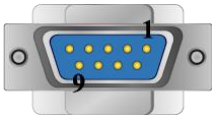
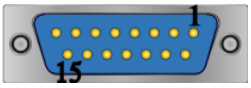
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		FB CPU Port RS485 2W 15P D-Sub Male
1 RX-	6 Data-		7 D-
2 RX+	9 Data+		5 D+
5 GND	5 GND		
			

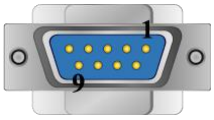
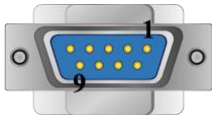
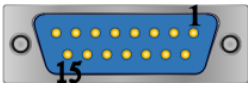
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		FB CPU Port RS485 2W 15P D-Sub Male
7 RX-	4 Data-		7 D-
6 RX+	1 Data+		5 D+
5 GND	5 GND		
			

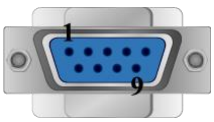
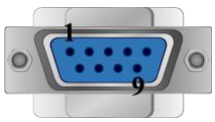
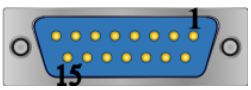
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		FB CPU Port RS485 2W 15P D-Sub Male
1 RX-	7 Data-		7 D-
2 RX+	8 Data+		5 D+
5 GND	9 GND		
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		FB CPU Port RS485 2W 15P D-Sub Male
1 RX-	6 Data-		7 D-
2 RX+	9 Data+		5 D+
5 GND	5 GND		
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		FB CPU Port RS485 2W 15P D-Sub Male
1 RX-	7 Data-		7 D-
2 RX+	8 Data+		5 D+
5 GND	5 GND		
			

驱动版本:

版本	日期	叙述
V1.60	Feb/18/2011	新增 R_Bit, D_Bit 和 WS 地址类型.
V1.70	Nov/29/2011	新增 FR 地址类型.

Fuji NB Series

网站: http://www.fujielectric.co.jp/fcs/eng/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Fuji NB Series		
PLC 界面	RS485 4W		
传输速率	19200		
校验	Odd		
数据位	8		
停止位	1		
PLC 站号	0		

PLC 设定:

通讯模式	NITP protocol / PLC Password (默认值为 0)

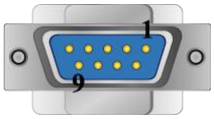
设备类型:

字符/位	设备类型	格式	范围	注释
B	Y	HHH	0 ~ 7ff	Output Relay
B	X	HHH	0 ~ 3ff	Input Relay
B	M	HHH	0 ~ fff	Internal Relay
B	L	HHH	0 ~ fff	Latch Relay
B	C	HH	0 - ff	Counter
B	M_Spe	HHHH	0 ~ 81ff	Special Relay
B	T	HHH	0 ~ 1ff	Timer
W	TV	HHH	0 ~ 3ff	Timer value
W	CV	HHH	0 ~ 3ff	Counter value
W	D	HHHH	0 ~ 1fff	Data Register
W	D_Spe	HHHH	0 ~ 81ff	Special Register

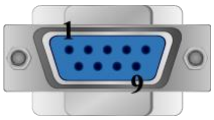
接线图:

以下图表示从连接线的焊接端所视.

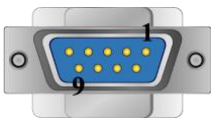
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			Fuji NB Series RS422 8P RJ45 Male
1 RX-			4 TX-
2 RX+			3 TX+
3 TX-			6 RX-
4 TX+			5 RX+
5 GND			
			

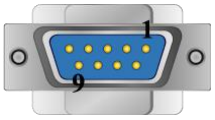
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			Fuji NB Series RS422 8P RJ45 Male
7 RX-			4 TX-
6 RX+			3 TX+
9 TX-			6 RX-
8 TX+			5 RX+
5 GND			
			

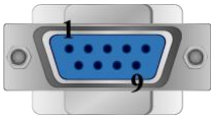
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			Fuji NB Series RS422 8P RJ45 Male
1 RX-			4 TX-
2 RX+			3 TX+
3 TX-			6 RX-
4 TX+			5 RX+
5 GND			
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			Fuji NB Series RS422 8P RJ45 Male
1 RX-			4 TX-
2 RX+			3 TX+
3 TX-			6 RX-
4 TX+			5 RX+
5 GND			
			

MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			Fuji NB Series RS422 8P RJ45 Male
1 RX-			4 TX-
2 RX+			3 TX+
3 TX-			6 RX-
4 TX+			5 RX+
5 GND			
			

驱动版本:

版本	日期	叙述
V1.10	May/05/2009	

GE Fanuc 0i MD

网站: http://www.fanucfa.com/welcome_worldwide/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	GE Fanuc 0i MD		
PLC 界面	RS232		
传输速率	19200		
校验	Even		
数据位	8		
停止位	1		
PLC 站号	0		

在线仿真	YES	

PLC 设定:

Reader/Puncher interface (2ch.) is used for the Touch panel interface.
External touch panel interface, S/N: A02B-0320-J685, for Power Mate Series.

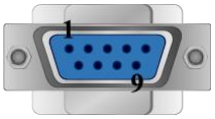
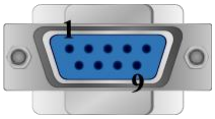
设备类型:

字符/位	设备类型	格式	范围	注释
B	X	DDDDo	0 ~ 11277	
B	Y	DDDDo	0 ~ 11277	
B	K	DDDo	0 ~ 9997	
B	E	DDDDo	0 ~ 99997	
B	D_Bit	DDDDo	0 ~ 99997	
B	R_Bit	DDDDo	0 ~ 94997	
W	T	DDDD	0 ~ 9499	需为 2 的倍数
W	C	DDDD	0 ~ 5199	需为 4 的倍数
W	D_Byte	DDDD	0 ~ 9999	
W	R_Byte	DDDD	0 ~ 9499	
W	D	DDDD	0 ~ 9999	需为 2 的倍数
W	R	DDDD	0 ~ 9499	需为 2 的倍数

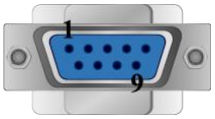
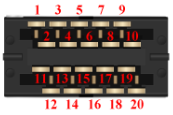
接线图:

以下图表示从连接线的焊接端所视.

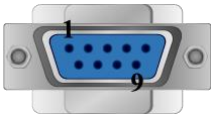
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 20P JD36B or JD54 Female	
2 RX	8 RX		11 TX	
3 TX	7 TX		1 RX	
5 GND	5 GND		8(JD36) 4(JD54) GND	
			15 RTS	circuit
			05 CTS	
			03 DR	circuit
			07 CD	
			13 ER	
			 	

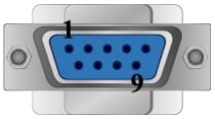
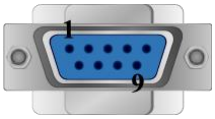
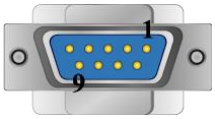
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 20P JD36B or JD54 Female	
2 RX			11 TX	
3 TX			1 RX	
5 GND			8(JD36) 4(JD54) GND	
			15 RTS	circuit
			05 CTS	
			03 DR	circuit
			07 CD	
			13 ER	
			 	

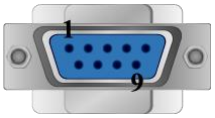
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 20P JD36B or JD54 Female	
2 RX			11 TX	
3 TX			1 RX	
5 GND			8(JD36) 4(JD54) GND	
			15 RTS	circuit
			05 CTS	
			03 DR	circuit
			07 CD	
			13 ER	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 20P JD36B or JD54 Female	
2 RX	6 RX	8 RX	11 TX	
3 TX	4 TX	7 TX	1 RX	
5 GND	5 GND	5 GND	8(JD36) 4(JD54) GND	
			15 RTS	circuit
			05 CTS	
			03 DR	circuit
			07 CD	
			13 ER	
				

MT6050i/MT8050i

<table>
<tr><td>COM1 RS232 9P
D-Sub Female</td><td></td><td></td><td colspan="2">RS232 20P JD36B or
JD54 Female</td></tr>
<tr><td>9 RX</td><td></td><td></td><td colspan="2">11 TX</td></tr>
<tr><td>6 TX</td><td></td><td></td><td colspan="2">1 RX</td></tr>
<tr><td>5 GND</td><td></td><td></td><td colspan="2">8(JD36) 4(JD54) GND</td></tr>
<tr><td colspan="3" rowspan="5"></td><td>15 RTS</td><td rowspan="2">circuit</td></tr>
<tr><td>05 CTS</td></tr>
<tr><td>03 DR</td><td rowspan="3">circuit</td></tr>
<tr><td>07 CD</td></tr>
<tr><td>13 ER</td></tr>
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</table>

驱动版本:

版本	日期	叙述
V1.00	May/13/2011	发布驱动程序.

GE Fanuc CMM

网站: http://www.ge.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	GE Fanuc CMM		
PLC 界面	RS232	RS232/RS485	
传输速率	19200	9600,19200,38400,57600,115200	
校验	Odd	Even, Odd, None	
数据位	8	7,8	需设定为 8
停止位	1	1, 2	
PLC 站号	0	0-255	

设备类型:

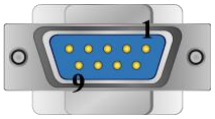
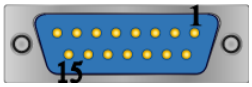
字符/位	设备类型	格式	范围	注释
B	I	DDDDD	1 ~ 10000	Input relay
B	Q	DDDDD	1 ~ 10000	Output relay
B	M	DDDDD	1 ~ 10000	Auxiliary relay
B	G	DDDD	1 ~ 7680	
B	T	DDD	1 ~ 256	
B	SA	DDD	1 ~ 128	
B	SB	DDD	1 ~ 128	
B	SC	DDD	1 ~ 128	
B	S	DDD	1 ~ 128	
W	AI	DDDDD	1 ~ 10000	Analog input register
W	AQ	DDDDD	1 ~ 10000	Analog output register
W	R	DDDDD	1 ~ 32640	Data register

接线图:

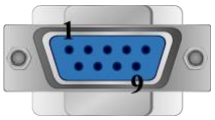
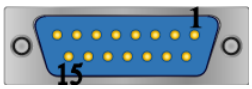
以下图表示从连接线的焊接端所视.

CPU Port 90-30/VersaMax

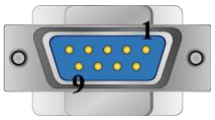
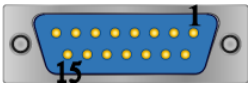
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			90-30/VersaMax RS485 4W 15P D-Sub Male	
1 RX-			12 SDA	
2 RX+			13 SDB	
5 GND			7 GND	
3 TX-			10 RDA	
4 TX+			11 RDB	circuit
			9 RT	
			6 RTSA	circuit
			15 CTSA	
			8 RTSB	circuit
			14 CTSB	
				

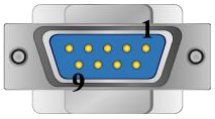
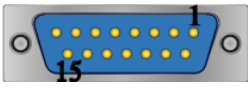
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			90-30/VersaMax RS485 4W 15P D-Sub Male	
7 RX-			12 SDA	
6 RX+			13 SDB	
5 GND			7 GND	
9 TX-			10 RDA	
8 TX+			11 RDB	circuit
			9 RT	
			6 RTSA	circuit
			15 CTSA	
			8 RTSB	circuit
			14 CTSB	
				

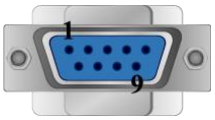
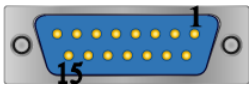
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			90-30/VersaMax RS485 4W 15P D-Sub Male	
1 RX-			12 SDA	
2 RX+			13 SDB	
5 GND			7 GND	
3 TX-			10 RDA	
4 TX+			11 RDB	circuit
			9 RT	
			6 RTSA	circuit
			15 CTSA	
			8 RTSB	circuit
			14 CTSB	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			90-30/VersaMax RS485 4W 15P D-Sub Male	
1 RX-			12 SDA	
2 RX+			13 SDB	
5 GND			7 GND	
3 TX-			10 RDA	
4 TX+			11 RDB	circuit
			9 RT	
			6 RTSA	circuit
			15 CTSA	
			8 RTSB	circuit
			14 CTSB	
				

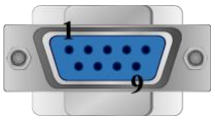
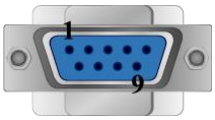
MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			90-30/VersaMax RS485 4W 15P D-Sub Male	
1 RX-			12 SDA	
2 RX+			13 SDB	
5 GND			7 GND	
3 TX-			10 RDA	
4 TX+			11 RDB	circuit
			9 RT	
			6 RTSA	circuit
			15 CTSA	
			8 RTSB	circuit
			14 CTSB	
				

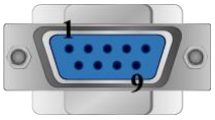
以下图表示从连接线的焊接端所视.

CPU Port (90-30 series CPU351/352/363/364)

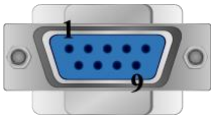
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		90-30/90-70 series RS232 6P RJ11 Male
2 RX	8 RX		2 TX
3 TX	7 TX		5 RX
5 GND	5 GND		3 GND
			

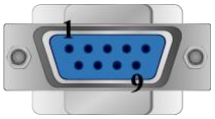
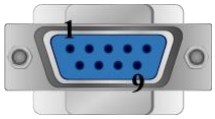
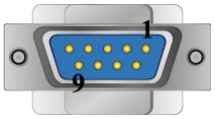
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			90-30/90-70 series RS232 6P RJ11 Male
2 RX			2 TX
3 TX			5 RX
5 GND			3 GND
			

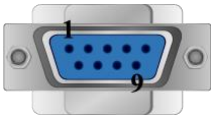
MT8000iE series

COM1 RS232 9P D-Sub Female			90-30/90-70 series RS232 6P RJ11 Male
2 RX			2 TX
3 TX			5 RX
5 GND			3 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	90-30/90-70 series RS232 6P RJ11 Male
2 RX	6 RX	8 RX	2 TX
3 TX	4 TX	7 TX	5 RX
5 GND	5 GND	5 GND	3 GND
			

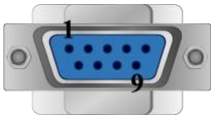
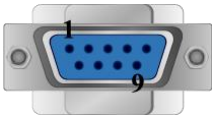
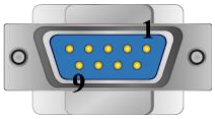
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			90-30/90-70 series RS232 6P RJ11 Male
9 RX			2 TX
6 TX			5 RX
5 GND			3 GND
			

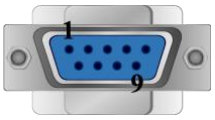
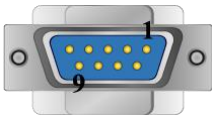
以下图表示从连接线的焊接端所视.

CPU Port (VersaMax series CPU001/002/005/E05)

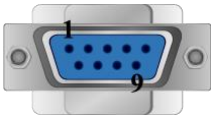
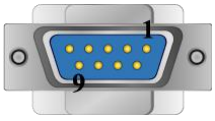
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		VersaMax series RS232 9P D-Sub Male
2 RX	8 RX		2 TX
3 TX	7 TX		3 RX
5 GND	5 GND		5 GND
			

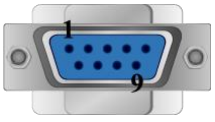
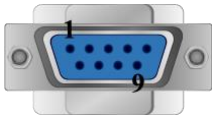
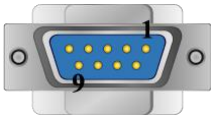
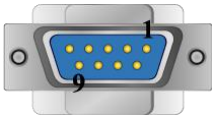
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			VersaMax series RS232 9P D-Sub Male
2 RX			2 TX
3 TX			3 RX
5 GND			5 GND
			

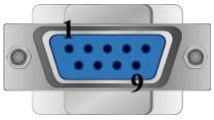
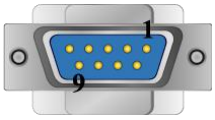
MT8000iE series

COM1 RS232 9P D-Sub Female			VersaMax series RS232 9P D-Sub Male
2 RX			2 TX
3 TX			3 RX
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	VersaMax series RS232 9P D-Sub Male
2 RX	6 RX	8 RX	2 TX
3 TX	4 TX	7 TX	3 RX
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			VersaMax series RS232 9P D-Sub Male
9 RX			2 TX
6 TX			3 RX
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.00	Jul/09/2009	发布驱动程序.

GE Fanuc RX3i

网站: http://www.ge.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	GE Fanuc RX3i		
PLC 界面	RS232	RS232, RS485	
传输速率	19200	1200~115200	
数据位	8		
校验	Odd	None, Even, Odd	
停止位	1	1 or 2	
PLC 站号	1	1~99	

设备类型:

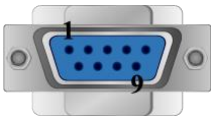
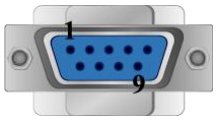
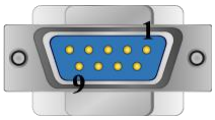
字符/位	设备类型	格式	范围	注释
B	I	DDDDD	1 ~ 32768	
B	Q	DDDDD	1 ~ 32768	
B	M	DDDDD	1 ~ 32768	
B	G	DDDDD	1 ~ 32768	
B	T	DDDDD	1 ~ 32768	
B	SA	DDDDD	1 ~ 32768	
B	SB	DDDDD	1 ~ 32768	
B	SC	DDDDD	1 ~ 32768	
B	S	DDDDD	1 ~ 32768	
W	AI	DDDDD	1 ~ 32768	
W	AQ	DDDDD	1 ~ 32768	
W	R	DDDDD	1 ~ 32768	

接线图:

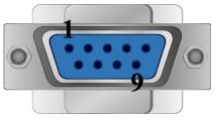
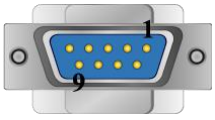
以下图表示从连接线的焊接端所视.

GE Fanuc RX3i COM1

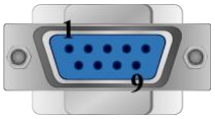
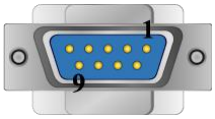
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		GE Fanuc RX3i COM1 RS232 9P D-Sub Male
2 RX	8 RX		2 TXD
3 TX	7 TX		3 RXD
5 GND	5 GND		5 GND
			

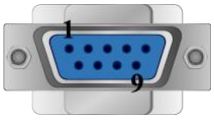
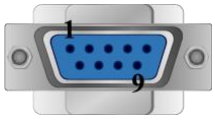
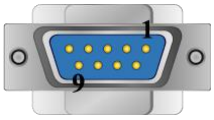
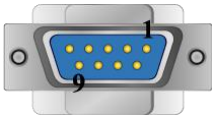
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			GE Fanuc RX3i COM1 RS232 9P D-Sub Male
2 RX			2 TXD
3 TX			3 RXD
5 GND			5 GND
			

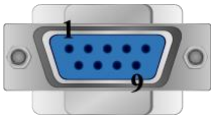
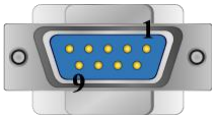
MT8000iE series

COM1 RS232 9P D-Sub Female			GE Fanuc RX3i COM1 RS232 9P D-Sub Male
2 RX			2 TXD
3 TX			3 RXD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	GE Fanuc RX3i COM1 RS232 9P D-Sub Male
2 RX	6 RX	8 RX	2 TXD
3 TX	4 TX	7 TX	3 RXD
5 GND	5 GND	5 GND	5 GND
			

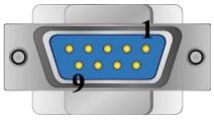
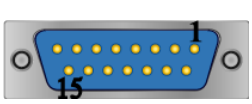
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			GE Fanuc RX3i COM1 RS232 9P D-Sub Male
9 RX			2 TXD
6 TX			3 RXD
5 GND			5 GND
			

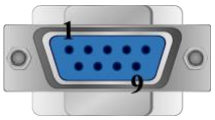
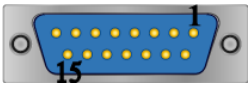
以下图表示从连接线的焊接端所视.

GE Fanuc RX3i COM2

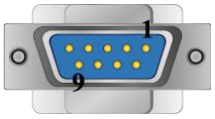
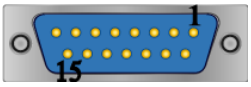
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			GE Fanuc RX3i COM2 RS232 15P D-Sub Male	
1 RX-			12 SDA	
2 RX+			13 SDB	
5 GND			7 GND	
3 TX-			10 RDA	
4 TX+			11 RDB	circuit
			9 RT	
			6 RTSA	circuit
			15 CTSA	
			8 RTSB	circuit
			14 CTSB	
				

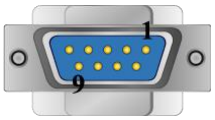
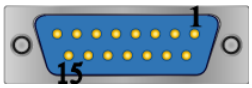
cMT-SVR/cMT-HD series

COM1 RS485 4W 9P D-Sub Female			GE Fanuc RX3i COM2 RS232 15P D-Sub Male	
7 RX-			12 SDA	
6 RX+			13 SDB	
5 GND			7 GND	
9 TX-			10 RDA	
8 TX+			11 RDB	circuit
			9 RT	
			6 RTSA	circuit
			15 CTSA	
			8 RTSB	circuit
			14 CTSB	
				

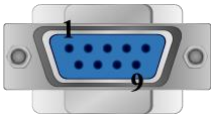
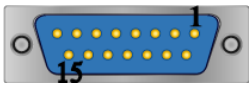
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			GE Fanuc RX3i COM2 RS232 15P D-Sub Male	
1 RX-			12 SDA	
2 RX+			13 SDB	
5 GND			7 GND	
3 TX-			10 RDA	
4 TX+			11 RDB	circuit
			9 RT	
			6 RTSA	circuit
			15 CTSA	
			8 RTSB	circuit
			14 CTSB	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			GE Fanuc RX3i COM2 RS232 15P D-Sub Male	
1 RX-			12 SDA	
2 RX+			13 SDB	
5 GND			7 GND	
3 TX-			10 RDA	
4 TX+			11 RDB	circuit
			9 RT	
			6 RTSA	circuit
			15 CTSA	
			8 RTSB	circuit
			14 CTSB	
				

MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			GE Fanuc RX3i COM2 RS232 15P D-Sub Male	
1 RX-			12 SDA	
2 RX+			13 SDB	
5 GND			7 GND	
3 TX-			10 RDA	
4 TX+			11 RDB	circuit
			9 RT	
			6 RTSA	circuit
			15 CTSA	
			8 RTSB	circuit
			14 CTSB	
				

驱动版本:

版本	日期	叙述
V1.00	Oct/01/2010	发布驱动程序.

GE Fanuc Series 90-30 (Ethernet)

支持系列: GE 90-30 系列, CPU model 374plus.

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	GE Fanuc Series 90-30 (Ethernet)		
PLC 界面	Ethernet		
PLC 站号	1	1~99	
端口	18245		

设备类型:

字符/位	设备类型	格式	范围	注释
B	I_bit	DDDDD	1 ~ 32768	
B	Q_bit	DDDDD	1 ~ 32768	
B	M_bit	DDDDD	1 ~ 32768	
B	G_bit	DDDDD	1 ~ 32768	
B	T_bit	DDDDD	1 ~ 32768	
B	SA_bit	DDDDD	1 ~ 32768	只读
B	SB_bit	DDDDD	1 ~ 32768	只读
B	SC_bit	DDDDD	1 ~ 32768	只读
B	S_bit	DDDDD	1 ~ 32768	只读
B	R_bit	DDDDD	1 ~ 32768	
W	I	DDDDD	1 ~ 32753	地址每次递增 8 Words, ex: I1, I9, I17, I25…..
W	Q	DDDDD	1 ~ 32753	递增规则同上, ex:Q1, Q9, Q17…
W	M	DDDDD	1 ~ 32753	递增规则同上, ex:M1, M9, M17..
W	G	DDDDD	1 ~ 32753	递增规则同上, ex:G1, G9, G17…
W	T	DDDD	1 ~ 1024	递增规则同上, ex:T1, T9, T17….
W	SA	DDDDD	1 ~ 32753	只读，递增规则同上
W	SB	DDDDD	1 ~ 32753	只读，递增规则同上

字符/位	设备类型	格式	范围	注释
W	SC	DDDDD	1 ~ 32753	只读，递增规则同上
W	S	DDDDD	1 ~ 32753	只读，递增规则同上
W	R	DDDDD	1 ~ 32768	
W	AI	DDDDD	1 ~ 32768	
W	AQ	DDDDD	1 ~ 32768	
W	W	DDDDDDD	1 ~ 5000000	

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.70	Apr/09/2010	
V1.80	Nov/09/2011	增加 R_bit 地址
V1.90	Jan/17/2012	增加 W 地址

GE Fanuc SNP-X

支持系列: GE Fanuc 90 & VersaMax 系列 PLC
网站: http://www.ge.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	GE Fanuc SNP-X		
PLC 界面	RS485 4w	RS232/RS485	
传输速率	19200	9600 ~ 115200	
校验	Odd	Even, Odd, None	
数据位	8	7, 8	需设定为 8
停止位	1	1, 2	
PLC 站号	0	0-255	

PLC 设定:

Refer to related PLC manual.

设备类型:

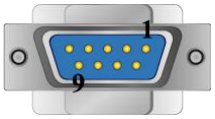
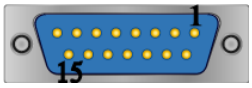
字符/位	设备类型	格式	范围	注释
B	I	DDDDD	1 ~ 10000	Input relay
B	Q	DDDDD	1 ~ 10000	Output relay
B	M	DDDDD	1 ~ 10000	Auxiliary relay
B	G	DDDD	1 ~ 7680	
B	T	DDD	1 ~ 256	
B	SA	DDD	1 ~ 128	
B	SB	DDD	1 ~ 128	
B	SC	DDD	1 ~ 128	
B	S	DDD	1 ~ 128	
B	R_bit	DDDDDdd	1 ~ 3264015	Data register bit
W	AI	DDDDD	1 ~ 10000	Analog input register
W	AQ	DDDDD	1 ~ 10000	Analog output register
W	R	DDDDD	1 ~ 32640	Data register

接线图:

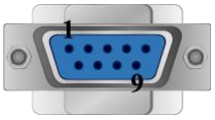
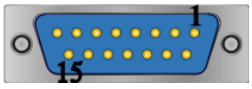
以下图表示从连接线的焊接端所视.

CPU Port (90-30/VersaMax)

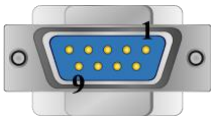
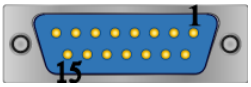
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			90-30/VersaMax RS422 15P D-Sub Male	
1 RX-			12 SDA	
2 RX+			13 SDB	
5 GND			7 GND	
3 TX-			10 RDA	
4 TX+			11 RDB	circuit
			9 RT	
			6 RTSA	circuit
			15 CTSA	
			8 RTSB	circuit
			14 CTSB	
				

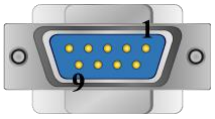
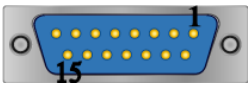
cMT-SVR/cMT-HD series

COM1 RS485 4W 9P D-Sub Female			90-30/VersaMax RS422 15P D-Sub Male	
7 RX-			12 SDA	
6 RX+			13 SDB	
5 GND			7 GND	
9 TX-			10 RDA	
8 TX+			11 RDB	circuit
			9 RT	
			6 RTSA	circuit
			15 CTSA	
			8 RTSB	circuit
			14 CTSB	
				

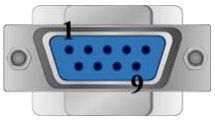
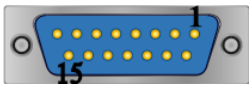
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			90-30/VersaMax RS422 15P D-Sub Male	
1 RX-			12 SDA	
2 RX+			13 SDB	
5 GND			7 GND	
3 TX-			10 RDA	
4 TX+			11 RDB	circuit
			9 RT	
			6 RTSA	circuit
			15 CTSA	
			8 RTSB	circuit
			14 CTSB	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			90-30/VersaMax RS422 15P D-Sub Male	
1 RX-			12 SDA	
2 RX+			13 SDB	
5 GND			7 GND	
3 TX-			10 RDA	
4 TX+			11 RDB	circuit
			9 RT	
			6 RTSA	circuit
			15 CTSA	
			8 RTSB	circuit
			14 CTSB	
				

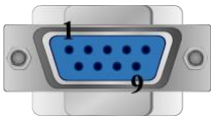
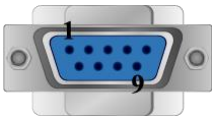
MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			90-30/VersaMax RS422 15P D-Sub Male	
1 RX-			12 SDA	
2 RX+			13 SDB	
5 GND			7 GND	
3 TX-			10 RDA	
4 TX+			11 RDB	circuit
			9 RT	
			6 RTSA	circuit
			15 CTSA	
			8 RTSB	circuit
			14 CTSB	
				

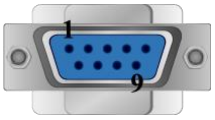
以下图表示从连接线的焊接端所视.

CPU Port (90-30 series CPU351/352/363/364)

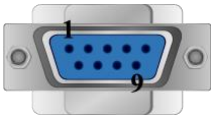
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		90-30/90-70 series RS232 6P RJ11 Male
2 RX	8 RX		2 TX
3 TX	7 TX		5 RX
5 GND	5 GND		3 GND
			

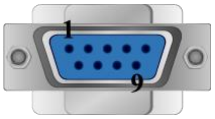
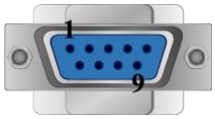
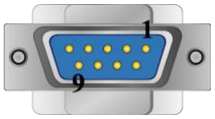
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			90-30/90-70 series RS232 6P RJ11 Male
2 RX			2 TX
3 TX			5 RX
5 GND			3 GND
			

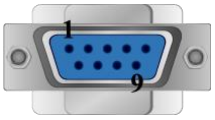
MT8000iE series

COM1 RS232 9P D-Sub Female			90-30/90-70 series RS232 6P RJ11 Male
2 RX			2 TX
3 TX			5 RX
5 GND			3 GND
			

MT6000/8000 series excepts MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	90-30/90-70 series RS232 6P RJ11 Male
2 RX	6 RX	8 RX	2 TX
3 TX	4 TX	7 TX	5 RX
5 GND	5 GND	5 GND	3 GND
			

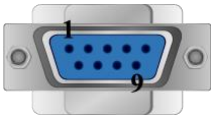
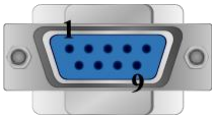
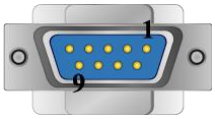
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			90-30/90-70 series RS232 6P RJ11 Male
9 RX			2 TX
6 TX			5 RX
5 GND			3 GND
			

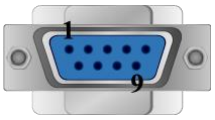
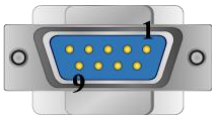
以下图表示从连接线的焊接端所视.

CPU Port (VersaMax series CPU001/002/005/E05)

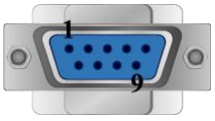
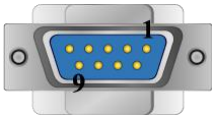
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		VersaMax series RS232 9P D-Sub Male
2 RX	8 RX		2 TX
3 TX	7 TX		3 RX
5 GND	5 GND		5 GND
			

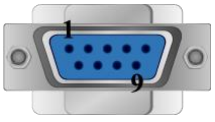
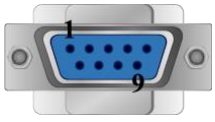
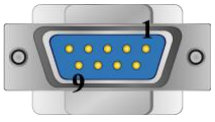
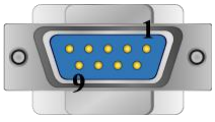
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			VersaMax series RS232 9P D-Sub Male
2 RX			2 TX
3 TX			3 RX
5 GND			5 GND
			

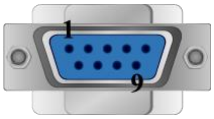
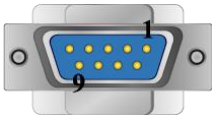
MT8000iE series

COM1 RS232 9P D-Sub Female			VersaMax series RS232 9P D-Sub Male
2 RX			2 TX
3 TX			3 RX
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	VersaMax series RS232 9P D-Sub Male
2 RX	6 RX	8 RX	2 TX
3 TX	4 TX	7 TX	3 RX
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			VersaMax series RS232 9P D-Sub Male
9 RX			2 TX
6 TX			3 RX
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.20	Jan/09/2009	
V1.40	Dec/25/2012	新增地址型态：R_bit

Haiwell PLC

支持系列: E 系列、S 系列及 H 系列。
网站: http://www.haiwell.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Haiwell PLC		
PLC 界面	RS232	RS232,RS485 2W	
传输速率	19200	19200	
数据位	8	8	
校验	None	None	
停止位	2	2	
PLC 站号	1	1~247	

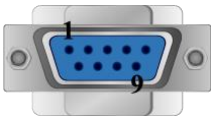
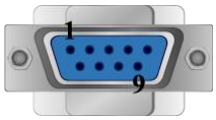
设备类型:

字符/位	设备类型	格式	范围	注释
B	X	DDDD	0 ~ 1023	输入开关
B	Y	DDDD	0 ~ 1023	输出开关
B	M	DDDDD	0 ~ 12287	内部继电器
B	T	DDDD	0 ~ 1023	定时器(输出线圈状态)
B	C	DDD	0 ~ 255	定时器(输出线圈状态)
B	SM	DDD	0 ~ 215	系统状态位
B	S	DDDD	0 ~ 2047	步进状态位
W	CR	DD	0 ~ 79	特殊模块参数缓存器
W	AI	DDD	0 ~ 255	模拟输入缓存器
W	AQ	DDD	0 ~ 255	模拟输出缓存器
W	V	DDDDD	0 ~ 14847	内部缓存器
W	TCV	DDDD	0 ~ 1023	定时器(当前数值缓存器)
W	CCV	DDD	0 ~ 255	定时器(当前数值缓存器)
W	SV	DDD	0 ~ 154	系统缓存器

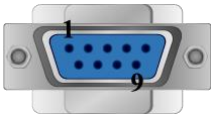
接线图:

以下图表示从连接线的焊接端所视.

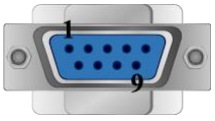
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 4P Mini-DIN Female socket
2 RX	8 RX		2 TX
3 TX	7 TX		1 RX
5 GND	5 GND		3 GND
			

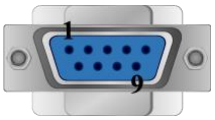
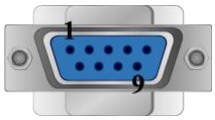
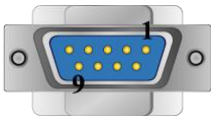
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 4P Mini-DIN Female socket
2 RX			2 TX
3 TX			1 RX
5 GND			3 GND
			

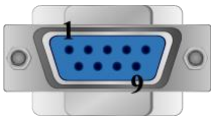
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 4P Mini-DIN Female socket
2 RX			2 TX
3 TX			1 RX
5 GND			3 GND
			

MT6000/8000 series except MT6050i/MT8050i

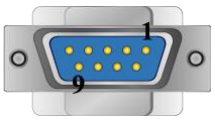
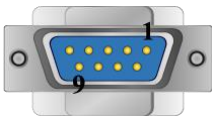
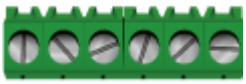
COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 4P Mini-DIN Female socket
2 RX	6 RX	8 RX	2 TX
3 TX	4 TX	7 TX	1 RX
5 GND	5 GND	5 GND	3 GND
			

MT6050i/MT8050i

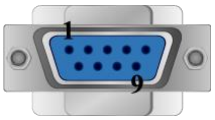
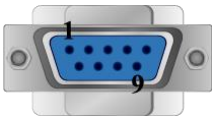
COM1 RS232 9P D-Sub Female			RS232 4P Mini-DIN Female socket
9 RX			2 TX
6 TX			1 RX
5 GND			3 GND
			

以下图表示从连接线的焊接端所视.

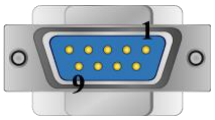
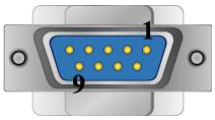
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W Terminal
1 RX-	6 Data-		B- Data+
2 RX+	9 Data+		A+ Data-
5 GND	5 GND		
			

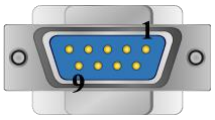
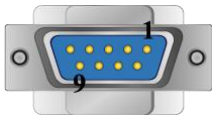
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W Terminal
7 RX-	4 Data-		B- Data+
6 RX+	1 Data+		A+ Data-
5 GND	5 GND		
			

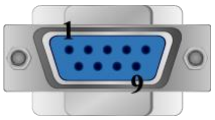
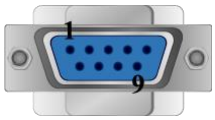
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W Terminal
1 RX-	7 Data-		B- Data+
2 RX+	8 Data+		A+ Data-
5 GND	9 GND		
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W Terminal
1 RX-	6 Data-		B- Data+
2 RX+	9 Data+		A+ Data-
5 GND	5 GND		
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W Terminal
1 RX-	7 Data-		B- Data+
2 RX+	8 Data+		A+ Data-
5 GND	5 GND		
			

驱动版本:

版本	日期	叙述
V1.00	Mar/2/2012	发布驱动程序

Hangzhou Maiou MO-TECH

支持系列: LS GLOFA series GM3, GM4, GM6, GM7 CPU Port.
网站: http://www.lgis.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Hangzhou Maiou MO-TECH		
PLC 界面	RS232		
传输速率	9600		
数据位	8		
校验	None		
停止位	1		
PLC 站号	0		

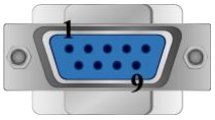
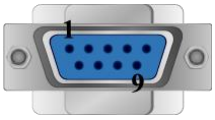
设备类型:

字符/位	设备类型	格式	范围	注释
B	MWX	DDDdd	0 ~ 25515	B
B	MWX_NO_RPS	DDDdd	0 ~ 25515	B
W	MW	DDD	0 ~ 255	W
W	MW_NO_RPS	DDD	0 ~ 255	W

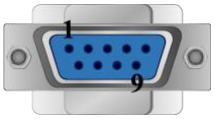
接线图:

以下图表示从连接线的焊接端所视.

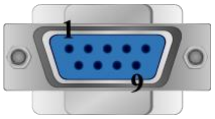
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 Terminal
2 RX	8 RX		TD
3 TX	7 TX		RD
5 GND	5 GND		GND
			

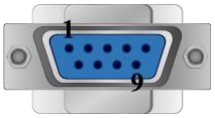
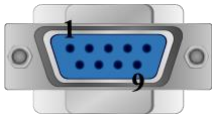
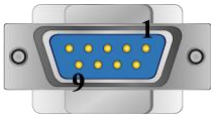
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 Terminal
2 RX			TD
3 TX			RD
5 GND			GND
			

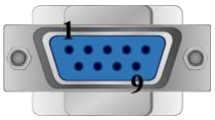
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 Terminal
2 RX			TD
3 TX			RD
5 GND			GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 Terminal
2 RX	6 RX	8 RX	TD
3 TX	4 TX	7 TX	RD
5 GND	5 GND	5 GND	GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 Terminal
9 RX			TD
6 TX			RD
5 GND			GND
			

驱动版本:

版本	日期	叙述
V1.00	Apr/27/2010	

Hanyoung Controller

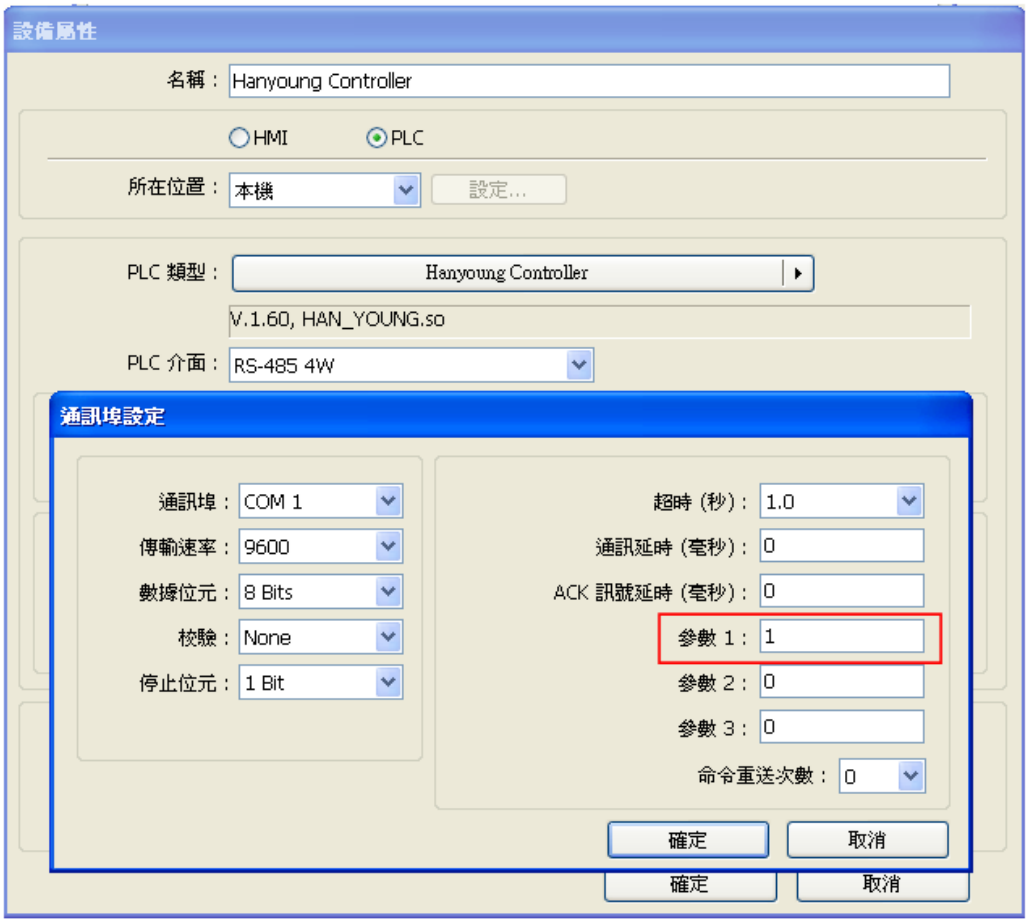
支持系列: Temperature Controller.

网站: http://hynux.com/kor/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Hanyoung Controller		
PLC 界面	RS485 4W		
传输速率	9600		
校验	None	Even, Odd, None	
数据位	8	7 or 8	
停止位	1	1 or 2	
PLC 站号	1	0-255	

*于系统参数设定/设备属性/通讯端口设定,将参数 1 设为 1 即支持 check sum 模式.



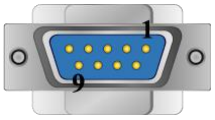
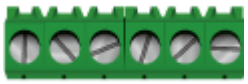
设备类型:

字符/位	设备类型	格式	范围	注释
B	I	DDDD	1 ~ 9999	
W	D	DDDD	1 ~ 9999	

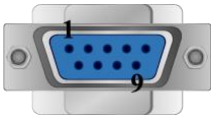
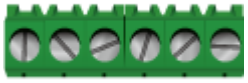
接线图:

以下图表示从连接线的焊接端所视.

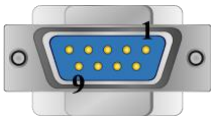
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			Han Young RS422 terminal
1 RX-			32 TX-
2 RX+			31 TX+
3 TX-			34 RX-
4 TX+			33 RX+
5 GND			
			

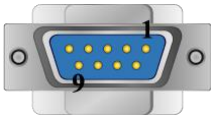
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			Han Young RS422 terminal
7 RX-			32 TX-
6 RX+			31 TX+
9 TX-			34 RX-
8 TX+			33 RX+
5 GND			
			

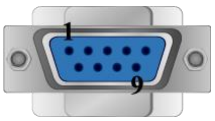
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			Han Young RS422 terminal
1 RX-			32 TX-
2 RX+			31 TX+
3 TX-			34 RX-
4 TX+			33 RX+
5 GND			
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			Han Young RS422 terminal
1 RX-			32 TX-
2 RX+			31 TX+
3 TX-			34 RX-
4 TX+			33 RX+
5 GND			
			

MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			Han Young RS422 terminal
1 RX-			32 TX-
2 RX+			31 TX+
3 TX-			34 RX-
4 TX+			33 RX+
5 GND			
			

驱动版本:

版本	日期	叙述
V1.60	Jun/14/2010	

HAWE PLVC

支持系列: HAWE PLVC

网站: http://www.hawe.de/de/home/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	HAWE PLVC		
PLC 界面	RS232		
传输速率	9600		
校验	8		
数据位	None		
停止位	1		
PLC 站号	0		

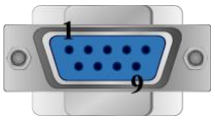
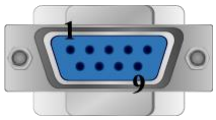
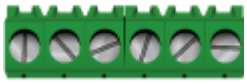
设备类型:

字符/位	设备类型	格式	范围	注释
B	X	HHHH	0 ~ ffff	输入位
B	Y	HHHH	0 ~ ffff	输出位
B	M	DDDDD	0 ~ 65535	内部继电器
B	T	DDDDD	0 ~ 65535	
B	C	DDDDD	0 ~ 65535	
B	B	HHHH	0 ~ ffff	
B	F	DDDDD	0 ~ 65535	
W	TV	DDDDD	0 ~ 65535	定时器 Preset Value
W	CV	DDDDD	0 ~ 65535	计数器 Preset Value
W	D	DDDDD	0 ~ 65535	数据缓存器
W	W	HHHH	0 ~ ffff	
W	R	DDDDD	0 ~ 65535	

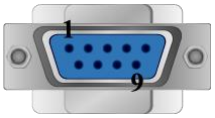
接线图:

以下图表示从连接线的焊接端所视.

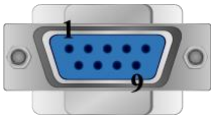
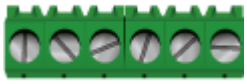
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 terminal
2 RX	8 RX		3 TXD
3 TX	7 TX		2 RXD
5 GND	5 GND		5 GND
			

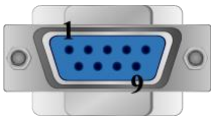
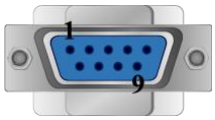
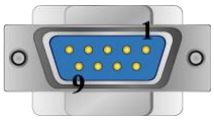
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 terminal
2 RX			TXD
3 TX			RXD
5 GND			GND
			

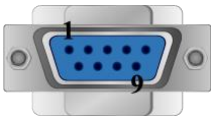
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 terminal
2 RX			TXD
3 TX			RXD
5 GND			GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 terminal
2 RX	6 RX	8 RX	3 TXD
3 TX	4 TX	7 TX	2 RXD
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 terminal
9 RX			3 TXD
6 TX			2 RXD
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.00	Sep/17/2009	

Heng Yuan EU series

支持系列 : EU 系列, EU5 系列, EU10 系列.
网站 : http://www.tjhysensor.cn/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Heng Yuan EU series		
PLC 界面	RS485 2W		
传输速率	9600		
校验	Even		
数据位	8		
停止位	1		
PLC 站号	2	1-31	

在线仿真	YES	
扩展模式	YES	

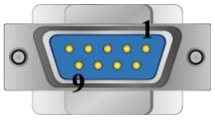
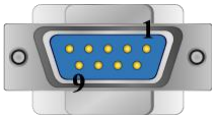
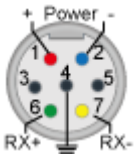
设备类型:

字符/位	设备类型	格式	范围	注释
W	Parameter	DDDD	0 ~ 2000	

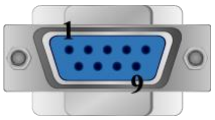
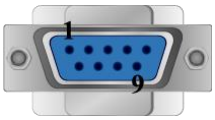
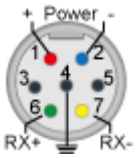
接线图:

以下图表示从连接线的焊接端所视.

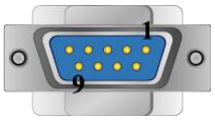
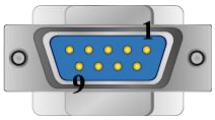
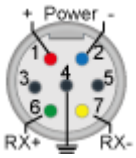
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		Heng Yuan Sensor RS485
1 RX-	6 Data-		7 RX- (Yellow)
2 RX+	9 Data+		6 RX+ (Green)
5 GND	5 GND		4 GND (Black)
			

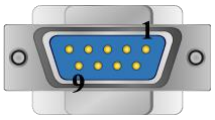
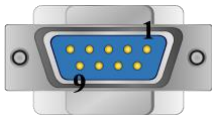
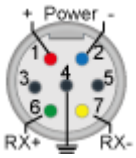
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		Heng Yuan Sensor RS485
7 RX-	4 Data-		7 RX- (Yellow)
6 RX+	1 Data+		6 RX+ (Green)
5 GND	5 GND		4 GND (Black)
			

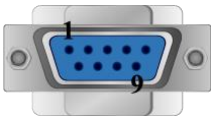
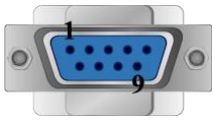
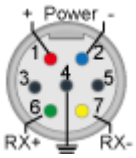
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		Heng Yuan Sensor RS485
1 RX-	7 Data-		7 RX- (Yellow)
2 RX+	8 Data+		6 RX+ (Green)
5 GND	9 GND		4 GND (Black)
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		Heng Yuan Sensor RS485
1 RX-	6 Data-		7 RX- (Yellow)
2 RX+	9 Data+		6 RX+ (Green)
5 GND	5 GND		4 GND (Black)
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		Heng Yuan Sensor RS485
1 RX-	7 Data-		7 RX- (Yellow)
2 RX+	8 Data+		6 RX+ (Green)
5 GND	5 GND		4 GND (Black)
			

驱动版本:

版本	日期	叙述
V1.00	Dec/30/2008	发布驱动程序.

Hitachi EH-SIO

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Hitachi EH-SIO		
PLC 界面	RS232	RS232, RS485	
传输速率	19200	9600, 19200, 38400	
校验	Even	Even	
数据位	7	7	
停止位	1	1	
PLC 站号	0		

设备类型:

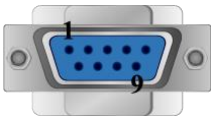
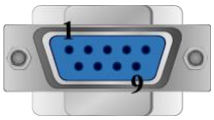
字符/位	设备类型	格式	范围	注释
B	X	HHHHh	0 ~ fffff	External input-bit (X)
B	Y	HHHHh	0 ~ fffff	External output-bit (Y)
B	M	HHHHh	0 ~ fffff	Data area-bit (M)
B	T	HHHHh	0 ~ fffff	Timer (T)
B	R	HHHHh	0 ~ fffff	Internal output (R)
B	L	HHHHh	0 ~ fffff	Link area-bit (L)
W	TC	HH	0 ~ ff	Timer/Counter current value
W	WM	HHHH	0 ~ 270f	Data area-word (M)
W	WX	HHHH	0 ~ 270f	External input-word (X)
W	WY	HHHH	0 ~ 270f	External output-word (Y)
W	WR	HHHH	0 ~ 270f	Internal output-word (R)
W	WL	HHHH	0 ~ 270f	Link area-word (L)

接线图:

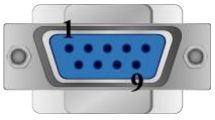
以下图表示从连接线的焊接端所视.

EH-SIO port1/port 2 RS232

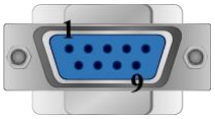
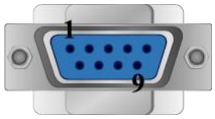
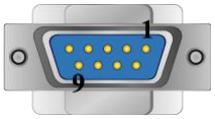
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 8P RJ45 Male	
2 RX	8 RX		5 SD	
3 TX	7 TX		6 RD	
5 GND	5 GND		1 SG	
8 CTS			8 RS	
			4 PHL	circuit
			7 DR	
				

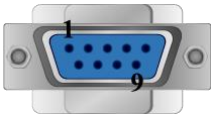
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 8P RJ45 Male	
2 RX			5 SD	
3 TX			6 RD	
5 GND			1 SG	
8 CTS			8 RS	
			4 PHL	circuit
			7 DR	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 8P RJ45 Male	
2 RX	6 RX	8 RX	5 SD	
3 TX	4 TX	7 TX	6 RD	
5 GND	5 GND	5 GND	1 SG	
8 CTS			8 RS	
			4 PHL	circuit
			7 DR	
				

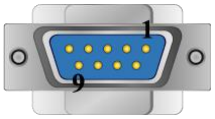
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 8P RJ45 Male	
9 RX			5 SD	
6 TX			6 RD	
5 GND			1 SG	
			8 RS	
			4 PHL	circuit
			7 DR	
				

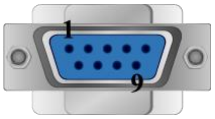
以下图表示从连接线的焊接端所视.

EH-SIO port2 RS485 4W

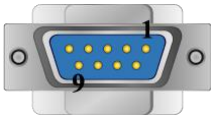
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			Hitachi EH-SIO
1 RX-			2 TX-
2 RX+			1 TX+
3 TX-			4 RX-
4 TX+			3 RX+
5 GND			6 SG
			

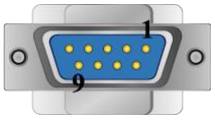
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			Hitachi EH-SIO
7 RX-			2 TX-
6 RX+			1 TX+
9 TX-			4 RX-
8 TX+			3 RX+
5 GND			6 SG
			

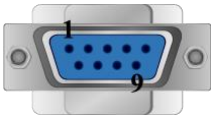
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			Hitachi EH-SIO
1 RX-			2 TX-
2 RX+			1 TX+
3 TX-			4 RX-
4 TX+			3 RX+
5 GND			6 SG
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			Hitachi EH-SIO
1 RX-			2 TX-
2 RX+			1 TX+
3 TX-			4 RX-
4 TX+			3 RX+
5 GND			6 SG
			

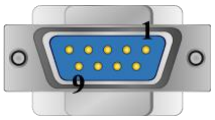
MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			Hitachi EH-SIO
1 RX-			2 TX-
2 RX+			1 TX+
3 TX-			4 RX-
4 TX+			3 RX+
5 GND			6 SG
			

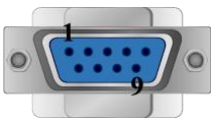
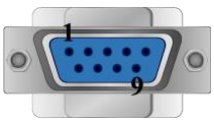
以下图表示从连接线的焊接端所视.

EH-SIO port2 RS485 2W

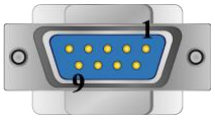
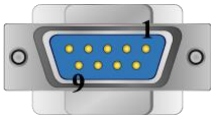
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		Hitachi EH-SIO	
1 RX-	6 Data-		2 TX-	circuit
			4 RX-	
2 RX+	9 Data+		1 TX+	circuit
			3 RX+	
5 GND	5 GND		6 SG	
				

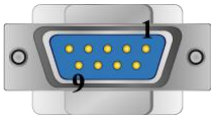
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		Hitachi EH-SIO	
7 RX-	4 Data-		2 TX-	circuit
			4 RX-	
6 RX+	1 Data+		1 TX+	circuit
			3 RX+	
5 GND	5 GND		6 SG	
				

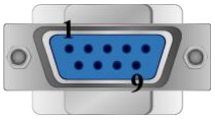
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		Hitachi EH-SIO	
1 RX-	7 Data-		2 TX-	circuit
			4 RX-	
2 RX+	8 Data+		1 TX+	circuit
			3 RX+	
5 GND	9 GND		6 SG	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		Hitachi EH-SIO	
1 RX-	6 Data-		2 TX-	circuit
			4 RX-	
2 RX+	9 Data+		1 TX+	circuit
			3 RX+	
5 GND	5 GND		6 SG	
				

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		Hitachi EH-SIO	
1 RX-	7 Data-		2 TX-	circuit
			4 RX-	
2 RX+	8 Data+		1 TX+	circuit
			3 RX+	
5 GND	5 GND		6 SG	
				

驱动版本:

版本	日期	叙述
V1.00	May/25/2010	发布驱动程序.

Hitachi EHV Series (Ethernet)

网站: http://www.hitachi-ies.co.jp/english/products/plc/index.htm

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Hitachi EHV Series (Ethernet)		
PLC 界面	Ethernet		
端口	3004	3004~3007	

设备类型:

字符/位	设备类型	格式	范围	注释
B	X	HHHHh	0 ~ fffff	External input-bit (X)
B	Y	HHHHh	0 ~ fffff	External output-bit (Y)
B	M	HHHHh	0 ~ fffff	Data area-bit (M)
B	T	DDDDD	0 ~ 65535	Timer (T)
B	R	HHHHh	0 ~ fffff	Internal output (R)
B	L	HHHHh	0 ~ fffff	Link area-bit (L)
W	TC	DDDD	0 ~ 2559	Timer/Counter current value
W	WM	HHHH	0 ~ 7fff	Data area-word (M)
W	WX	HHHH	0 ~ ffff	External Input-word (X)
W	WY	HHHH	0 ~ ffff	External output-word (Y)
W	WR	HHHH	0 ~ ffff	Internal output-word (R)
W	WL	HHHH	0 ~ 73ff	Link area-word (L)

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

驱动版本:

版本	日期	叙述
V1.00	Jan/12/2010	发布驱动程序

Hitachi H/EH/EHV Series

支持系列: Hitachi H 系列, EH-150, Micro-EH, H20, H40, H64, H200, H250, H252, H300, H302, H700, H702, H1000, H1002, H2000, H4010.

网站: http://www.hitachi-ies.co.jp/english/products/plc/index.htm

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Hitachi H/EH/EHV Series		
PLC 界面	RS232	RS232, RS485	
传输速率	19200	9600, 19200, 38400	
校验	Even	Even	
数据位	7	7	
停止位	1	1	
PLC 站号	0	0-255	

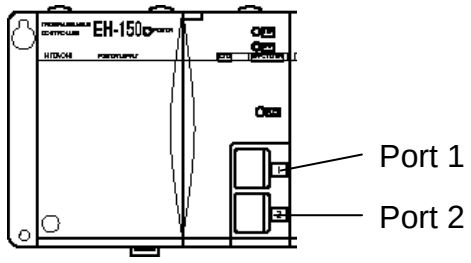
在线仿真	YES	广播命令	NO
扩展模式	NO		

设备类型:

字符/位	设备类型	格式	范围	注释
B	X	HHHHh	0 ~ fffff	External input-bit (X)
B	Y	HHHHh	0 ~ fffff	External output-bit (Y)
B	M	HHHHh	0 ~ fffff	Data area-bit (M)
B	T	HHHHh	0 ~ fffff	Timer (T)
B	R	HHHHh	0 ~ fffff	Internal output (R)
B	L	HHHHh	0 ~ fffff	Link area-bit (L)
W	TC	HH	0 ~ ff	Timer/Counter current value
W	WM	HHHH	0 ~ 270f	Data area-word (M)
W	WX	HHHH	0 ~ 270f	External input-word (X)
W	WY	HHHH	0 ~ 270f	External output-word (Y)
W	WR	HHHH	0 ~ c3ff	Internal output-word (R)
W	WL	HHHH	0 ~ 270f	Link area-word (L)

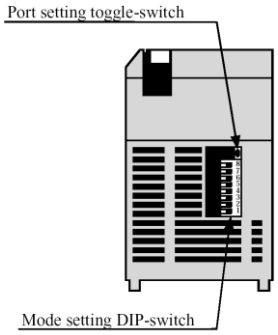
接线图:

注意: 若你的接线不是如下图所示, 有可能会导致 HMI 受损或没通讯.

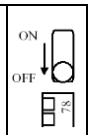
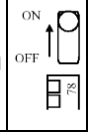


CPU 类型	Port 1	Port 2
EH-150/CPU 104A	RS-232	RS-232
EH-150/CPU 208A	RS-232	RS-232
EH-150/CPU 308A	RS-232/RS-485	RS-232
EH-150/CPU 316A	RS-232/RS-485	RS-232
EH-150/CPU 448A	RS-232/RS-485	RS-232

Switch Number				
1	OFF	Normal mode		
2	OFF	TRNS0 operation		
3, 4	3	4	Port1 transmission speed	
	ON	ON	4,800 bps	Doesn't support
	OFF	ON	9,600 bps	
	ON	OFF	19,200 bps	Default
	OFF	OFF	38,400 bps	
5	ON	Dedicated port		
6	6	PHL	Port2 transmission speed	
	ON	Low	9,600 bps	
	ON	High	38,400 bps	
	OFF	Low	4,800 bps	Doesn't support
	OFF	High	19,200 bps	Default
7	OFF	(System mode)		Do not turn on.
8	OFF	(System mode)		Do not turn on.



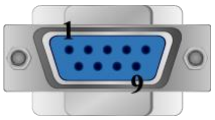
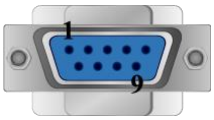
Toggle-Switch

PHL Low	
PHL High	

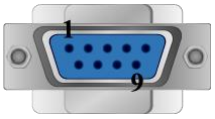
以下图表示从连接线的焊接端所视.

EH-150 port1/port 2 RS232 / MICRO-EH port1 RS232

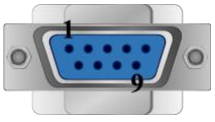
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 8P RJ45 Male	
2 RX	8 RX		5 SD	
3 TX	7 TX		6 RD	
5 GND	5 GND		1 SG	
8 CTS			8 RS	
			4 PHL	circuit
			7 DR	
				

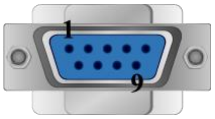
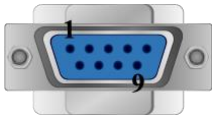
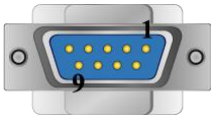
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 8P RJ45 Male	
2 RX			5 SD	
3 TX			6 RD	
5 GND			1 SG	
			8 RS	
			4 PHL	circuit
			7 DR	
				

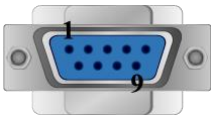
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 8P RJ45 Male	
2 RX			5 SD	
3 TX			6 RD	
5 GND			1 SG	
8 CTS			8 RS	
			4 PHL	circuit
			7 DR	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 8P RJ45 Male	
2 RX	6 RX	8 RX	5 SD	
3 TX	4 TX	7 TX	6 RD	
5 GND	5 GND	5 GND	1 SG	
8 CTS			8 RS	
			4 PHL	circuit
			7 DR	
				

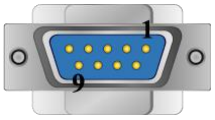
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 8P RJ45 Male	
9 RX			5 SD	
6 TX			6 RD	
5 GND			1 SG	
			8 RS	
			4 PHL	circuit
			7 DR	
				

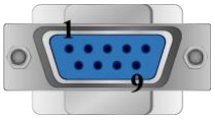
以下图表示从连接线的焊接端所视.

EH-150 port1 RS485 4W

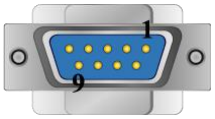
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 8P RJ45 Male
1 RX-			5 TX-
2 RX+			4 TX+
3 TX-			6 RX-
4 TX+			7 RX+
5 GND			1 SG
			

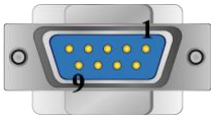
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS485 4W 8P RJ45 Male
7 RX-			5 TX-
6 RX+			4 TX+
9 TX-			6 RX-
8 TX+			7 RX+
5 GND			1 SG
			

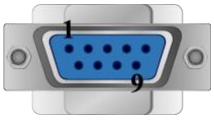
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 8P RJ45 Male
1 RX-			5 TX-
2 RX+			4 TX+
3 TX-			6 RX-
4 TX+			7 RX+
5 GND			1 SG
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS485 4W 8P RJ45 Male
1 RX-			5 TX-
2 RX+			4 TX+
3 TX-			6 RX-
4 TX+			7 RX+
5 GND			1 SG
			

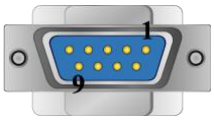
MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			RS485 4W 8P RJ45 Male
1 RX-			5 TX-
2 RX+			4 TX+
3 TX-			6 RX-
4 TX+			7 RX+
5 GND			1 SG
			

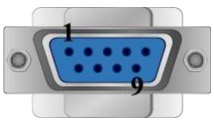
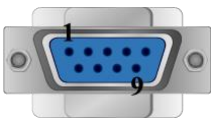
以下图表示从连接线的焊接端所视.

EH-150 port1 RS485 2W

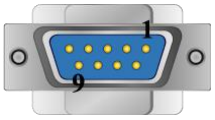
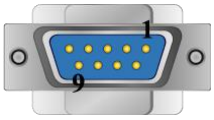
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 8P RJ45 Male	
1 RX-	6 Data-		4 TX+	circuit
			7 RX+	
2 RX+	9 Data+		5 TX-	circuit
			6 RX-	
5 GND	5 GND		1 SG	
				

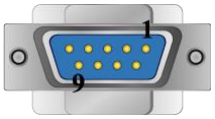
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 8P RJ45 Male	
7 RX-	4 Data-		4 TX+	circuit
			7 RX+	
6 RX+	1 Data+		5 TX-	circuit
			6 RX-	
5 GND	5 GND		1 SG	
				

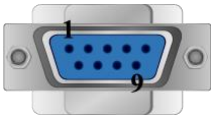
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 8P RJ45 Male	
1 RX-	7 Data-		4 TX+	circuit
			7 RX+	
2 RX+	8 Data+		5 TX-	circuit
			6 RX-	
5 GND	9 GND		1 SG	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 8P RJ45 Male	
1 RX-	6 Data-		4 TX+	circuit
			7 RX+	
2 RX+	9 Data+		5 TX-	circuit
			6 RX-	
5 GND	5 GND		1 SG	
				

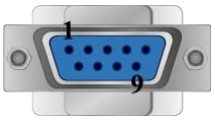
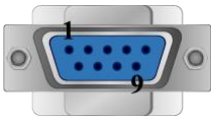
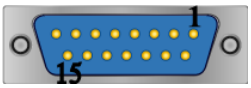
MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 8P RJ45 Male	
1 RX-	7 Data-		4 TX+	circuit
			7 RX+	
2 RX+	8 Data+		5 TX-	circuit
			6 RX-	
5 GND	5 GND		1 SG	
				

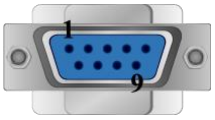
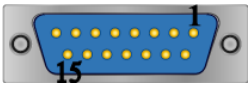
以下图表示从连接线的焊接端所视.

H Series CPU Port RS232

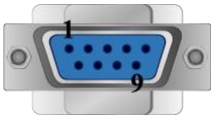
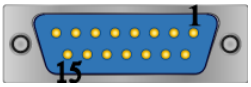
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 15P D-Sub Male	
2 RX	8 RX		2 TXD	
3 TX	7 TX		3 RXD	
5 GND	5 GND		9 SG	circuit
			10 SG	
8 CTS			4 RTS	
			5 CTS	circuit
			7 DSR	
			8 PHL	
			14 PV12	
				

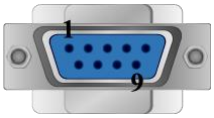
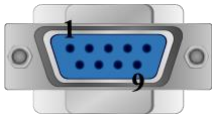
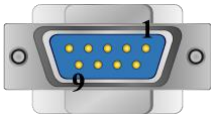
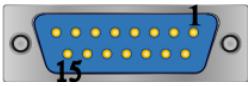
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 15P D-Sub Male	
2 RX			2 TXD	
3 TX			3 RXD	
5 GND			9 SG	circuit
			10 SG	
			4 RTS	
			5 CTS	circuit
			7 DSR	
			8 PHL	
			14 PV12	
				

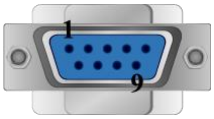
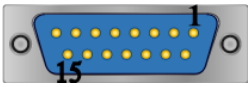
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 15P D-Sub Male	
2 RX			2 TXD	
3 TX			3 RXD	
5 GND			9 SG	circuit
			10 SG	
8 CTS			4 RTS	
			5 CTS	circuit
			7 DSR	
			8 PHL	
			14 PV12	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 15P D-Sub Male	
2 RX	6 RX	8 RX	2 TXD	
3 TX	4 TX	7 TX	3 RXD	
5 GND	5 GND	5 GND	9 SG	circuit
			10 SG	
8 CTS			4 RTS	
			5 CTS	circuit
			7 DSR	
			8 PHL	
			14 PV12	
				

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 15P D-Sub Male	
9 RX			2 TXD	
6 TX			3 RXD	
5 GND			9 SG	circuit
			10 SG	
			4 RTS	
			5 CTS	circuit
			7 DSR	
			8 PHL	
			14 PV12	
				

驱动版本:

版本	日期	叙述
V1.10	Oct/22/2009	
V1.30	Mar/22/2010	

HUST H4C

支持系列: HUST CNC Controller H4 系列.

网站: http://www.hust.com.tw/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	HUST H4X		
PLC 界面	RS-232		CPU port
PLC 站号	1		
传输速率	38400	9600,19200,38400,57600	
数据位	7		
校验	Even		
停止位	2		
延时通讯	5		

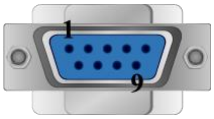
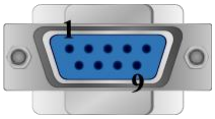
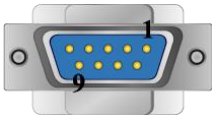
设备类型:

字符/位	设备类型	格式	范围	注释
B	I	DDD	0 ~ 255	对映至 VM 10800 ~ 10807 (只读)
B	O	DDD	0 ~ 255	对映至 VM 10808 ~ 10815 (只读)
B	C	DDD	0 ~ 255	对映至 VM 10816 ~ 10823 (只读)
B	S	DDD	0 ~ 255	对映至 VM 10824 ~ 10831 (只读)
B	A	DDD	0 ~ 1023	对映至 VM 10832 ~ 10863 (只读)
B	VM_bit	DDDDDdd	0 ~ 9999931	Bit address (dd): 00~31
DW	VM	DDDDD	0 ~ 99999	缓存器范围请参考控制器规格
DW	R	DDD	0 ~ 255	对映至 VM 10000~10255 (只读)
DW	Cn	DDD	0 ~ 255	对映至 VM 10256~10511 (只读)
DW	Tm	DDD	0 ~ 255	对映至 VM 10512~10767 (只读)

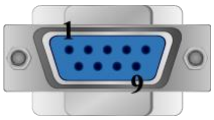
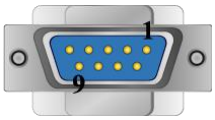
接线图:

以下图表示从连接线的焊接端所视.

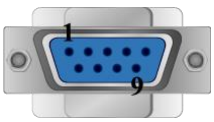
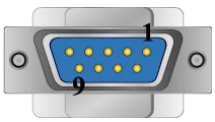
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		HUST CNC Controller RS232 D-Sub Male	
2 RX	8 RX		2 TXD	
3 TX	7 TX		3 RXD	
5 GND	5 GND		5 GND	
			7 RTS	circuit
			8 CTS	
				

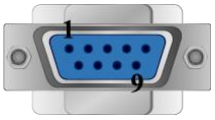
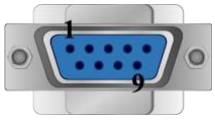
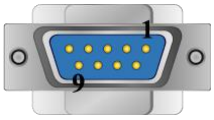
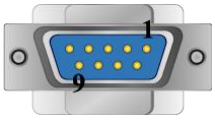
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			HUST CNC Controller RS232 D-Sub Male	
2 RX			2 TXD	
3 TX			3 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

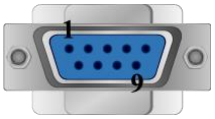
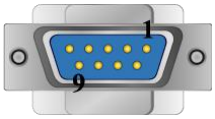
MT8000iE series

COM1 RS232 9P D-Sub Female			HUST CNC Controller RS232 D-Sub Male	
2 RX			2 TXD	
3 TX			3 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	HUST CNC Controller RS232 D-Sub Male	
2 RX	6 RX	8 RX	2 TXD	
3 TX	4 TX	7 TX	3 RXD	
5 GND	5 GND	5 GND	5 GND	
			7 RTS	circuit
			8 CTS	
				

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			HUST CNC Controller RS232 D-Sub Male	
9 RX			2 TXD	
6 TX			3 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

驱动版本:

版本	日期	叙述
V1.00	Oct/09/2013	发布驱动程序.

HUST H4X

支持系列: HUST CNC Controller H4 系列.

网站: http://www.hust.com.tw/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	HUST H4X		
PLC 界面	RS-232		CPU port
PLC 站号	1		
传输速率	38400	9600,19200,38400,57600	
数据位	7		
校验	Even		
停止位	2		
延时通讯	5		

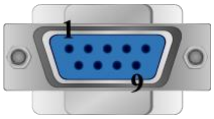
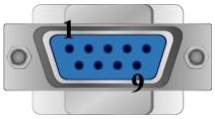
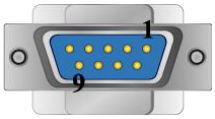
设备类型:

字符/位	设备类型	格式	范围	注释
B	I	DDD	0 ~ 255	对映至 VM 10800 ~ 10807 (只读)
B	O	DDD	0 ~ 255	对映至 VM 10808 ~ 10815 (只读)
B	C	DDD	0 ~ 255	对映至 VM 10816 ~ 10823 (只读)
B	S	DDD	0 ~ 255	对映至 VM 10824 ~ 10831 (只读)
B	A	DDD	0 ~ 255	对映至 VM 10832 ~ 10863 (只读)
B	VM_bit	DDDDDdd	100 ~ 9999931	Bit address (dd): 00~31
DW	VM	DDDDD	1 ~ 99999	缓存器范围请参考控制器规格
DW	R	DDD	0 ~ 255	对映至 VM 10000~10255 (只读)
DW	Cn	DDD	0 ~ 255	对映至 VM 10256~10511 (只读)
DW	Tm	DDD	0 ~ 255	对映至 VM 10512~10767 (只读)

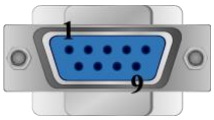
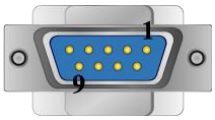
接线图:

以下图表示从连接线的焊接端所视.

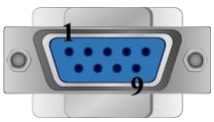
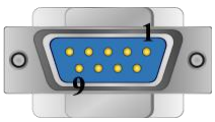
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		HUST CNC Controller RS232 D-Sub Male	
2 RX	8 RX		2 TXD	
3 TX	7 TX		3 RXD	
5 GND	5 GND		5 GND	
			7 RTS	circuit
			8 CTS	
				

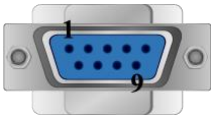
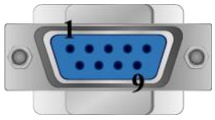
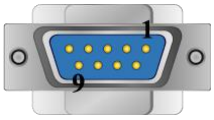
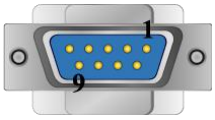
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			HUST CNC Controller RS232 D-Sub Male	
2 RX			2 TXD	
3 TX			3 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

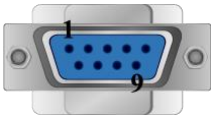
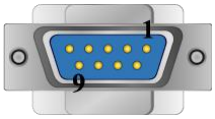
MT8000iE series

COM1 RS232 9P D-Sub Female			HUST CNC Controller RS232 D-Sub Male	
2 RX			2 TXD	
3 TX			3 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	HUST CNC Controller RS232 D-Sub Male	
2 RX	6 RX	8 RX	2 TXD	
3 TX	4 TX	7 TX	3 RXD	
5 GND	5 GND	5 GND	5 GND	
			7 RTS	circuit
			8 CTS	
				

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			HUST CNC Controller RS232 D-Sub Male	
9 RX			2 TXD	
6 TX			3 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

驱动版本:

版本	日期	叙述
V2.01	Sep/29/2009	

IAI X-SEL CONTROLLER

网站: http://www.iai-robot.co.jp/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	IAI X-SEL CONTROLLER		
PLC 界面	RS232		
传输速率	9600	9600~19200	
校验	None	Even, Odd, None	
数据位	8	7 or 8	
停止位	1	1 or 2	
PLC 站号	0		

设备类型:

字符/位	设备类型	格式	范围	注释
W	Servo_On_Off	H	1 ~ 8	地址 1 ~ 8 表示对应到哪根轴， 写 1 为开，写 0 为关
W	Servo_Origin	H	1 ~ 8	地址 1 ~ 8 表示对应到哪根轴， 回到原点
W	CurrentAxisPos	H	1 ~ 8	读取当前位置，当前轴状态放在 轴*100 的 RW 中，例如，第二轴的状 态，存放在 2*100=200, RW200 当中
W	RunProgram	H	0	写入数据表示运行哪一个 program
W	EndProgram	H	0	写入数据表示停止哪一个 program
W	PointMove	H	0 ~ 8	地址 1~8 表示对应哪根轴，写入的数 据表示到哪一个 point 参数，参数 ACC, DEC, SPEED 分别放入
W	JoggingMove	H	0 ~ 8	慢跑，地址 1~8 表示对应哪根轴，参 数 ACC, DEC, SPEED 及 Position 分别放入轴*100+11, 轴*100+12,

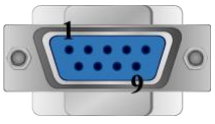
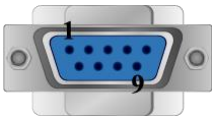
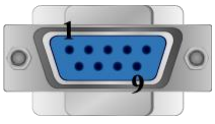
字符/位	设备类型	格式	范围	注释
W	AbsoluteMove	H	0 ~ 8	跑至绝对坐标，地址 1~8 表示对应哪根轴，参数 ACC, DEC, SPEED 及 Position 分别放入 轴*100+21，轴*100+22，轴*100+23 及轴*100+24 当中
W	PointChange	H	0 ~ 8	修改 point 的值，地址 1~8 表示对应哪根轴，参数 ACC, DEC, SPEED 及 Position 分别放入 轴*100+31，轴*100+32，轴*100+33 及轴*100+34 当中
W	SoftWareReset	H	0	重置软件

注意: ddd: Decimal, hhh: Hexadecimal, ooo: Octal.
每个 CPU 型号皆不同; 我们建议使用者可参考 PLC 手册设备列表.

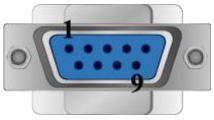
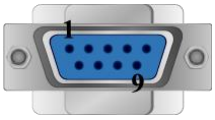
接线图:

以下图表示从连接线的焊接端所视.

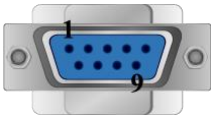
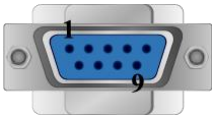
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		Host RS232 D-Sub Female
2 RX	8 RX		3 TX
3 TX	7 TX		2 RX
5 GND	5 GND		5 GND
			

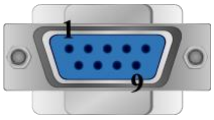
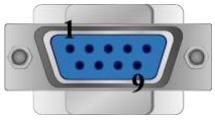
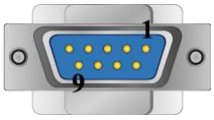
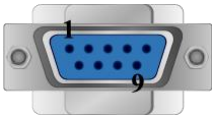
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			Host RS232 D-Sub Female
2 RX			3 TX
3 TX			2 RX
5 GND			5 GND
			

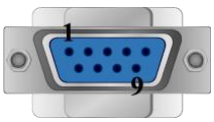
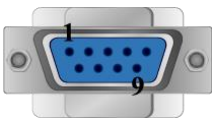
MT8000iE series

COM1 RS232 9P D-Sub Female			Host RS232 D-Sub Female
2 RX			3 TX
3 TX			2 RX
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	Host RS232 D-Sub Female
2 RX	6 RX	8 RX	3 TX
3 TX	4 TX	7 TX	2 RX
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			Host RS232 D-Sub Female
9 RX			3 TX
6 TX			2 RX
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.00	Jun/01/2010	发布驱动程序.

IAI X-SEL CONTROLLER-SSE

网站: http://www.iai-robot.co.jp/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	IAI X-SEL CONTROLLER-SSE		
PLC 界面	RS232		
传输速率	9600	9600~19200	
校验	None	Even, Odd, None	
数据位	8	7 or 8	
停止位	1	1 or 2	
PLC 站号	0		

设备类型:

字符/位	设备类型	格式	范围	注释
B	IP_Bit	DDD	0 ~ 299	
B	OP_Bit	DDD	300 ~ 599	
B	FG_Bit	DDDDDD	0 ~ 128999	
B	AX1Status	D	0 ~ 8	
B	AX2Status	D	0 ~ 8	
B	AX3Status	D	0 ~ 8	
W	IP	DDD	0 ~ 272	
W	OP	DDD	300 ~ 572	
W	FG	DDDDDD	0 ~ 128999	
W	PDT	D	0	
W	INT	DDDDDDD	0 ~ 1281299	
W	RL	DDDDDDD	0 ~ 1281399	
W	STR	DDDDDD	0 ~ 128998	
W	AX1Sensor	D	0	
W	AX2Sensor	D	0	
W	AX3Sensor	D	0	
W	AX1Error	D	0	
W	AX2Error	D	0	
W	AX3Error	D	0	

字符/位	设备类型	格式	范围	注释
W	AX1Encode	D	0	
W	AX2Encode	D	0	
W	AX3Encode	D	0	
W	AX1Positio23	D	0	
W	AX2Positio24	D	0	
W	AX3Positio25	D	0	
W	PGStatus	DDD	0 ~ 255	
W	PGStepNo	DDD	0 ~ 255	
W	PGError	DDD	0 ~ 255	
W	PGErrorNo	DDD	0 ~ 255	
W	SYST	D	0 ~ 6	
W	VR	HHH	0 ~ 3FF	
W	ER0	HHHH	0 ~ FFFF	
W	ER1	HHHH	0 ~ FFFF	
W	ER2	HHHH	0 ~ FFFF	
W	ER3	HHHH	0 ~ FFFF	
W	ER4	HHHH	0 ~ FFFF	
W	ER5	HHHH	0 ~ FFFF	
W	ER6	HHHH	0 ~ FFFF	
W	ER7	HHHH	0 ~ FFFF	
W	SV	D	0	
W	RO	D	0 ~ 3	
W	ACM	D	0	
W	RCM	D	0	
W	JIM	D	0	
W	PNM	D	0	
W	PD_Set	D	0	
W	PCLR	DDDDDD	0 ~ 999999	
W	AR0	D	0	
W	PR_253	DDD	0 ~ 128	
W	PR_254	DDD	0 ~ 128	
W	PR_255	DDD	0 ~ 128	
W	PR_256	DDD	0 ~ 128	
W	PR_257	DDD	0 ~ 128	
W	SR0	D	0	
W	OPR0	D	0	
W	ChSpd	D	0	

字符/位	设备类型	格式	范围	注释
W	PD2_Value	DDDDD	10 ~ 40960	
W	PD3_Value	DDDDD	10 ~ 40960	
W	Stop_Canl	D	1 ~ 7	
W	PDn1Value	D	0 ~ 7	
W	PDn2Value	D	0 ~ 7	
W	PDn3Value	D	0 ~ 7	
W	PDn4Value	D	0 ~ 7	
W	PDn5Value	D	0 ~ 7	

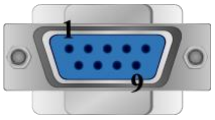
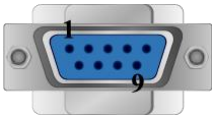
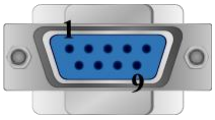
注意: ddd: Decimal, hhh: Hexadecimal, ooo: Octal.

每个 CPU 型号皆不同; 我们建议使用者可参考 PLC 手册设备列表.

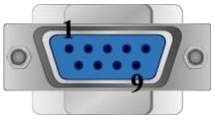
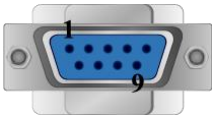
接线图:

以下图表示从连接线的焊接端所视.

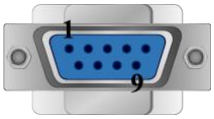
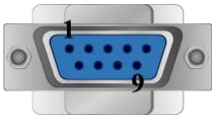
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		Host RS232 D-Sub Female
2 RX	8 RX		3 TX
3 TX	7 TX		2 RX
5 GND	5 GND		5 GND
			

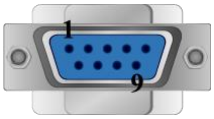
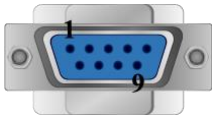
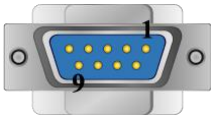
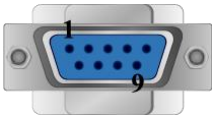
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			Host RS232 D-Sub Female
2 RX			3 TX
3 TX			2 RX
5 GND			5 GND
			

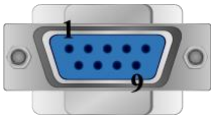
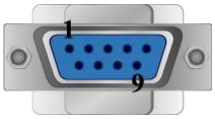
MT8000iE series

COM1 RS232 9P D-Sub Female			Host RS232 D-Sub Female
2 RX			3 TX
3 TX			2 RX
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	Host RS232 D-Sub Female
2 RX	6 RX	8 RX	3 TX
3 TX	4 TX	7 TX	2 RX
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			Host RS232 D-Sub Female
9 RX			3 TX
6 TX			2 RX
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.00	Dec/19/2012	发布驱动程序.

IDEC Micro

支持系列: IDEC Micro3, Micro3C, MicroSmart, OpenNet Controller 系列.

网站: http://www.idec.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	IDEC Micro		
PLC 界面	RS232	RS232, RS485	
传输速率	9600	9600, 19200	
校验	Even	Even, Odd, None	
数据位	7	7, 8	
停止位	1	1	
PLC 站号	255 (for 1:1 connect)	0-255	

在线仿真	YES	
扩展模式	YES	请勿设 PLC Station No.= 255

PLC 设定:

通讯模式	9600, E, 7, 1 (默认值), 使用 Computer Link Protocol

设备类型:

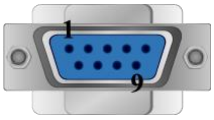
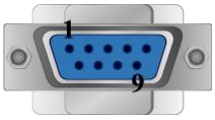
字符/位	设备类型	格式	范围	注释
B	X	DDDDo	0 ~ 20477	Input (I)
B	Y	DDDDo	0 ~ 20477	Output (Q)
B	M	DDDDo	0 ~ 20477	Internal Relay (M)
W	RT	DDDD	0 ~ 9999	Timer (T)
W	RC	DDDD	0 ~ 9999	Counter (C)
W	D	DDDD	0 ~ 9999	Data Register (D)

接线图:

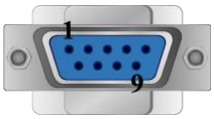
以下图表示从连接线的焊接端所视.

Micro3C, MicroSmart, OpenNet Controller CPU Ladder Port

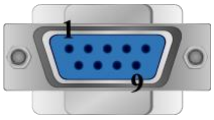
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		Port1 or Port2 8P Mini-DIN Female socket
2 RX	8 RX		3 TXD
3 TX	7 TX		4 RXD
5 GND	5 GND		7 GND
			

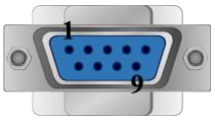
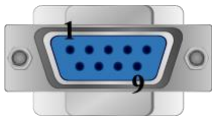
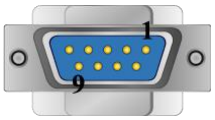
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			Port1 or Port2 8P Mini-DIN Female socket
2 RX			3 TXD
3 TX			4 RXD
5 GND			7 GND
			

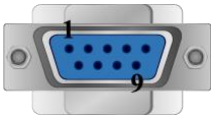
MT8000iE series

COM1 RS232 9P D-Sub Female			Port1 or Port2 8P Mini-DIN Female socket
2 RX			3 TXD
3 TX			4 RXD
5 GND			7 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	Port1 or Port2 8P Mini-DIN Female socket
2 RX	6 RX	8 RX	3 TXD
3 TX	4 TX	7 TX	4 RXD
5 GND	5 GND	5 GND	7 GND
			

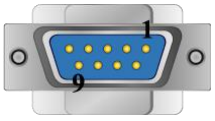
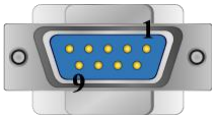
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			Port1 or Port2 8P Mini-DIN Female socket
9 RX			3 TXD
6 TX			4 RXD
5 GND			7 GND
			

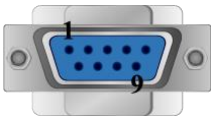
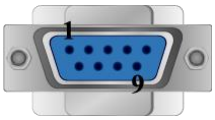
以下图表示从连接线的焊接端所视.

Micro3 CPU Port, MicroSmart with FC4A-PC2 RS485 Communication Adapter

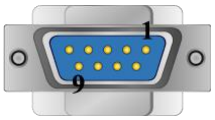
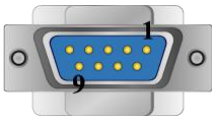
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 8P Mini-DIN Female socket
1 RX-	6 Data-		2 RXD-
2 RX+	9 Data+		1 RXD+
5 GND	5 GND		7 GND
			

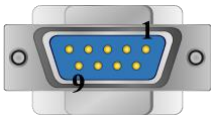
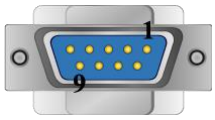
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 8P Mini-DIN Female socket
7 RX-	4 Data-		2 RXD-
6 RX+	1 Data+		1 RXD+
5 GND	5 GND		7 GND
			

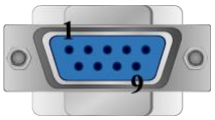
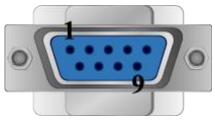
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 8P Mini-DIN Female socket
1 RX-	7 Data-		2 RXD-
2 RX+	8 Data+		1 RXD+
5 GND	9 GND		7 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 8P Mini-DIN Female socket
1 RX-	6 Data-		2 RXD-
2 RX+	9 Data+		1 RXD+
5 GND	5 GND		7 GND
			

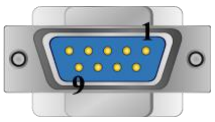
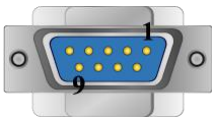
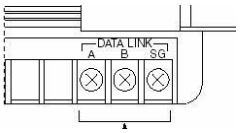
MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 8P Mini-DIN Female socket
1 RX-	7 Data-		2 RXD-
2 RX+	8 Data+		1 RXD+
5 GND	5 GND		7 GND
			

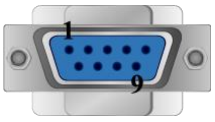
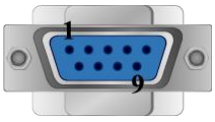
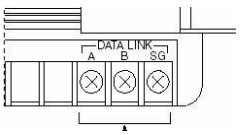
以下图表示从连接线的焊接端所视.

Micro3C, OpenNet Controller Data Link Terminals,MicroSmart with FC4A-PC3 RS485 Communication Adapter

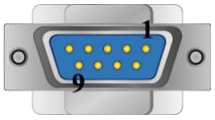
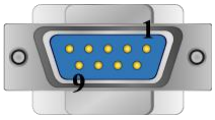
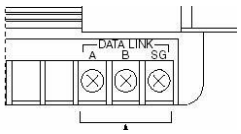
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		Data Link Terminal
1 RX-	6 Data-		A RXD-
2 RX+	9 Data+		B RXD+
5 GND	5 GND		SG GND
			

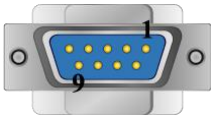
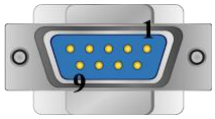
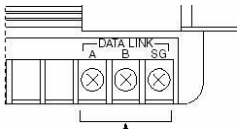
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		Data Link Terminal
7 RX-	4 Data-		A RXD-
6 RX+	1 Data+		B RXD+
5 GND	5 GND		SG GND
			

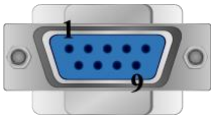
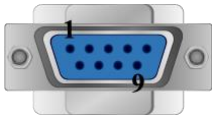
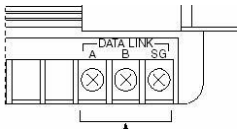
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		Data Link Terminal
1 RX-	7 Data-		A RXD-
2 RX+	8 Data+		B RXD+
5 GND	9 GND		SG GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		Data Link Terminal
1 RX-	6 Data-		A RXD-
2 RX+	9 Data+		B RXD+
5 GND	5 GND		SG GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		Data Link Terminal
1 RX-	7 Data-		A RXD-
2 RX+	8 Data+		B RXD+
5 GND	5 GND		SG GND
			

驱动版本:

版本	日期	叙述
V1.20	Jun/19/2009	

Inovance H2U/H1U

网站: http://www.inovance.cn/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Inovance H2U/H1U		
PLC 界面	RS485 4W		
传输速率	9600	9600~19200	
校验	Even	Even, Odd, None	
数据位	7	7 or 8	
停止位	1	1 or 2	
PLC 站号	0		

设备类型:

字符/位	设备类型	格式	范围	注释
B	X	OOO	0 ~ 377	Input Bits
B	Y	OOO	0 ~ 377	Output Bits
B	M	DDDD	0 ~ 7999	Auxiliary Relay
B	T	DDD	0 ~ 255	Timer Relay
B	C	DDD	0 ~ 255	Counter Relay
B	SM	DDDD	8000 ~ 9999	Special Auxiliary Relay
B	D_Bit	DDDDdd	0 ~ 799915	
B	S	DDDD	0 ~ 4095	
W	TV	DDD	0 ~ 255	Timer Memory
W	CV	DDD	0 ~ 199	Counter Memory
W	D	DDDD	0 ~ 7999	Data Registers
DW	CV2	DDD	200 ~ 255	Counter Memory (32bit)
W	SD	DDDD	8000 ~ 9999	Special Data Register

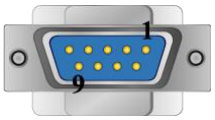
注意: ddd: Decimal, hhh: Hexadecimal, ooo: Octal.

每个 CPU 型号皆不同; 我们建议使用者可参考 PLC 手册设备列表.

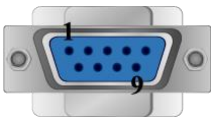
接线图:

以下图表示从连接线的焊接端所视.

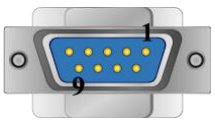
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			H2U/H1U RS422 8P Mini-DIN Female socket
1 RX-			4 TX-
2 RX+			7 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			3 GND
			

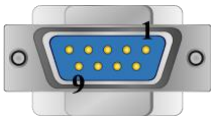
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			H2U/H1U RS422 8P Mini-DIN Female socket
7 RX-			4 TX-
6 RX+			7 TX+
9 TX-			1 RX-
8 TX+			2 RX+
5 GND			3 GND
			

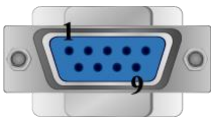
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			H2U/H1U RS422 8P Mini-DIN Female socket
1 RX-			4 TX-
2 RX+			7 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			3 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			H2U/H1U RS422 8P Mini-DIN Female socket
1 RX-			4 TX-
2 RX+			7 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			3 GND
			

MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			H2U/H1U RS422 8P Mini-DIN Female socket
1 RX-			4 TX-
2 RX+			7 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			3 GND
			

驱动版本:

版本	日期	叙述
V1.00	May/19/2010	发布驱动程序.

Justfi Controller

支持系列: Justfi weighing instruments, Industrial Batching Controller supports XK31CB4, XK31CB6.
网站: http://www.justfi.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Justfi controller		
PLC 界面	RS232		
传输速率	9600	9600, 19200	
校验	Even	Even, Odd, None	
数据位	7	7 or 8	
停止位	1	1 or 2	
PLC 站号	1		

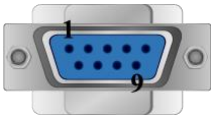
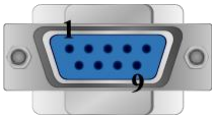
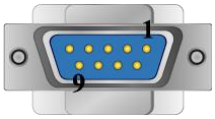
设备类型:

字符/位	设备类型	格式	范围	注释
W	Func	DD	0 ~ 99	读/写
DW	Func_DW	DD	0 ~ 99	读/写
W	RW	H	0	Weight (只读)
W	RF	H	0	Read result (只读)
W	RT	H	0	Read total (只读)
W	RG	H	0	Read prescription group
W	RC	H	0	Circle
W	RB	H	0	Read Status (只读)
W	MZ	H	0	Zero (唯写)
W	MT	H	0	Tare (唯写)
W	CT	H	0	Clear tare (唯写)
W	DT	H	0	Clear total (唯写)
W	BB	H	0	Start (唯写)
W	HB	H	0	Stop (唯写)
W	BD	H	0	Discharge (唯写)
W	RP1t …. RP6F	H	0	读/写 Recipe

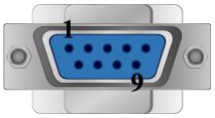
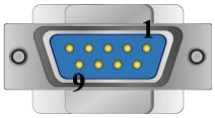
接线图:

以下图表示从连接线的焊接端所视.

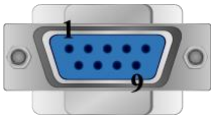
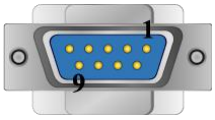
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		CB4 RS232
2 RX	8 RX		TD
3 TX	7 TX		RD
5 GND	5 GND		GND
			

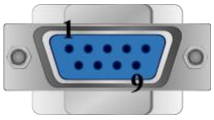
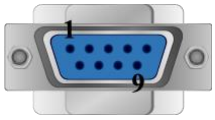
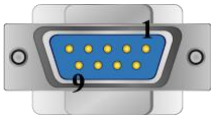
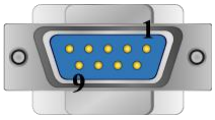
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			CB4 RS232
2 RX			TD
3 TX			RD
5 GND			GND
			

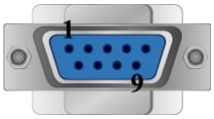
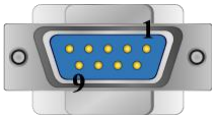
MT8000iE series

COM1 RS232 9P D-Sub Female			CB4 RS232
2 RX			TD
3 TX			RD
5 GND			GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	CB4 RS232
2 RX	6 RX	8 RX	TD
3 TX	4 TX	7 TX	RD
5 GND	5 GND	5 GND	GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			CB4 RS232
9 RX			TD
6 TX			RD
5 GND			GND
			

驱动版本:

版本	日期	叙述
V1.40	Nov/04/2009	

Kernel sistemi DMX Series

支持系列: Kernel systemi DMX 30

网站: http://www.kernel.modena.it/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Kernel sistemi DMX Series		
PLC 界面	RS232	RS485	
传输速率	19200	9600	
校验	None		
数据位	8		
停止位	1		
PLC 站号	1		

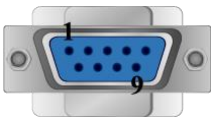
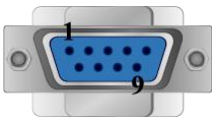
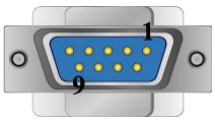
设备类型:

字符/位	设备类型	格式	范围	注释
W	D	HHHH	0 ~ ffff	

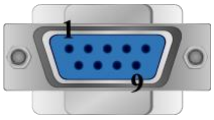
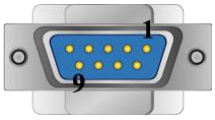
接線圖:

以下图表示从连接线的焊接端所视.

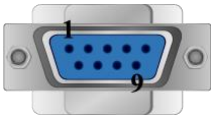
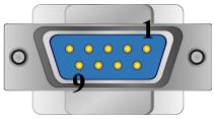
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		DMX30 RS232 9P D-Sub Male
2 RX	8 RX		3 TX
3 TX	7 TX		2 RX
5 GND	5 GND		5 GND
			

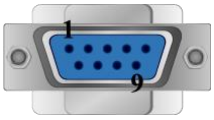
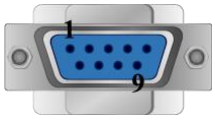
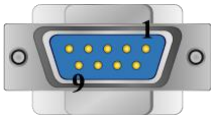
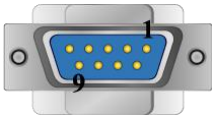
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			DMX30 RS232 9P D-Sub Male
2 RX			3 TX
3 TX			2 RX
5 GND			5 GND
			

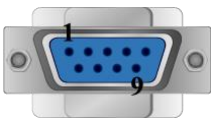
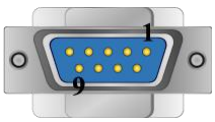
MT8000iE series

COM1 RS232 9P D-Sub Female			DMX30 RS232 9P D-Sub Male
2 RX			3 TX
3 TX			2 RX
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	DMX30 RS232 9P D-Sub Male
2 RX	6 RX	8 RX	3 TX
3 TX	4 TX	7 TX	2 RX
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			DMX30 RS232 9P D-Sub Male
9 RX			3 TX
6 TX			2 RX
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.00	Feb/06/2010	发布驱动程序

KEYENCE KV-10/16/24/40/80/Visual KV Series

支持系列: KEYENCE KV 系列, KV16~80

网站: http://www.keyence.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	KEYENCE KV-10/16/24/40/80/Visual KV Series		
PLC 界面	RS232	RS232	
传输速率	9600		
校验	Even		
数据位	8		
停止位	1		
PLC 站号	0		

设备类型:

字符/位	设备 类型	格式	范围	注释
B	RLY	DDDdd0*	0 ~ 655150*	bb:0~15
B	DM_Bit	DDDDDh	0 ~ 65535f	
W	DM	DDDDD	0 ~ 65535	
W	TM	DDDD	0 ~ 8999	
W	T	DDDD	0 ~ 9999	
W	T_Curr	DDDD	0 ~ 9999	Timer_Current
W	T_Preset	DDDD	0 ~ 9999	
W	C	DDDD	0 ~ 9999	
W	C_Curr	DDDD	0 ~ 9999	Counter_Current
W	C_Preset	DDDD	0 ~ 9999	

Precaution:*

If you use the Relay(bit) register, Please place zero behind address.

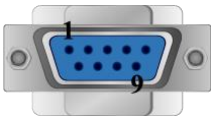
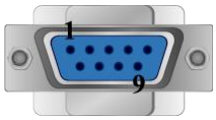
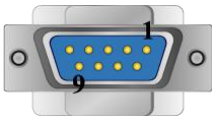
For example, If you want to read Relay(bit)100, you just set the address as “1000”.

接线图:

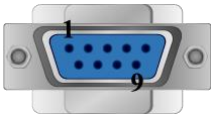
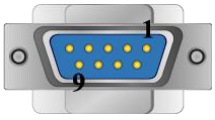
以下图表示从连接线的焊接端所视.

RS232 CPU Port:

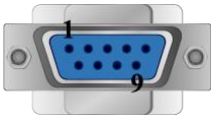
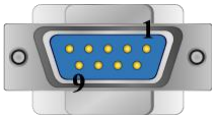
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		OP-26486 9P D-Sub Male
2 RX	8 RX		3 TXD
3 TX	7 TX		2 RXD
5 GND	5 GND		5 GND
			

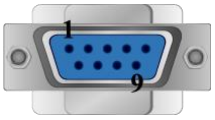
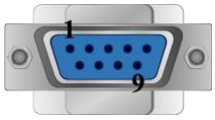
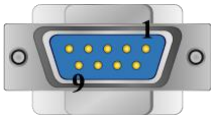
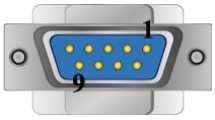
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			OP-26486 9P D-Sub Male
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

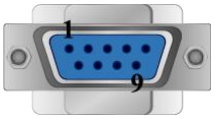
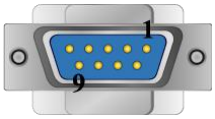
MT8000iE series

COM1 RS232 9P D-Sub Female			OP-26486 9P D-Sub Male
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	OP-26486 9P D-Sub Male
2 RX	6 RX	8 RX	3 TXD
3 TX	4 TX	7 TX	2 RXD
5 GND	5 GND	5 GND	5 GND
			

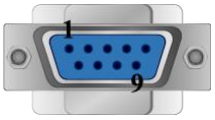
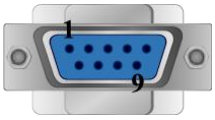
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			OP-26486 9P D-Sub Male
9 RX			3 TXD
6 TX			2 RXD
5 GND			5 GND
			

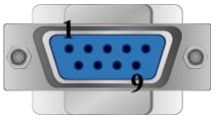
以下图表示从连接线的焊接端所视.

9P D-Sub to 6P RJ11:

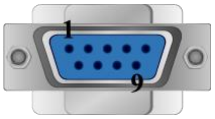
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 6P RJ11 Male
2 RX	8 RX		2 TXD
3 TX	7 TX		4 RXD
5 GND	5 GND		3 GND
			

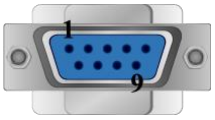
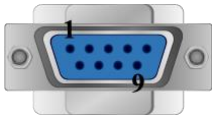
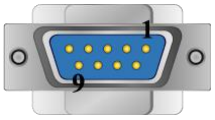
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 6P RJ11 Male
2 RX			2 TXD
3 TX			4 RXD
5 GND			3 GND
			

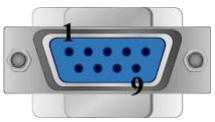
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 6P RJ11 Male
2 RX			2 TXD
3 TX			4 RXD
5 GND			3 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 6P RJ11 Male
2 RX	6 RX	8 RX	2 TXD
3 TX	4 TX	7 TX	4 RXD
5 GND	5 GND	5 GND	3 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 6P RJ11 Male
9 RX			2 TXD
6 TX			4 RXD
5 GND			3 GND
			

驱动版本:

版本	日期	叙述
V1.40	Apr/17/2009	

KEYENCE KV-5000 (Ethernet)

支持系列: KV5000, 3000, 1000 系列
网站: http://www.keyence.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	KEYENCE KV-5000 (Ethernet)		
PLC 界面	Ethernet		
端口	8501		
PLC 站号	0		

设备类型:

字符/位	设备 类型	格式	范围	注释
B	MR	DDDdd	0 ~ 99915	
B	LR	DDDdd	0 ~ 99915	
B	CR	DDDdd	0 ~ 99915	
B	RLY	DDDdd	0 ~ 99915	
W	DM	DDDDD	0 ~ 65535	
W	TM	DDDD	0 ~ 9999	
W	T	DDDD	0 ~ 9999	
W	T_Curr	DDDD	0 ~ 9999	Timer Current
W	T_Preset	DDDD	0 ~ 9999	Timer Preset
W	C	DDDD	0 ~ 9999	
W	C_Curr	DDDD	0 ~ 9999	
W	C_Preset	DDDD	0 ~ 9999	
W	CM	DDDDD	0 ~ 65535	
W	EM	DDDDD	0 ~ 65535	
W	FM	DDDDD	0 ~ 65535	

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

驱动版本:

版本	日期	叙述
V1.00	Dec/25/2009	发布驱动程序.

KEYENCE KV-L20V/700/1000/3000/5000 Series

网站: http://www.keyence.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	KEYENCE KV-L20V/700/1000/3000/5000 Series		
PLC 界面	RS232	RS232,RS485 2W,RS485 4W	
传输速率	115200	9600 ~ 115200	
校验	Even		
数据位	8		
停止位	1		
PLC 站号	0		

在线仿真	YES	扩展模式	NO

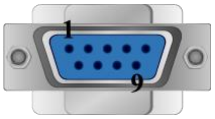
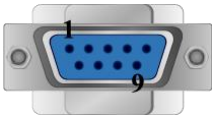
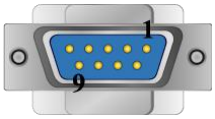
设备类型:

字符/位	设备 类型	格式	范围	注释
B	MR	DDDdd	0 ~ 99915	
B	LR	DDDdd	0 ~ 99915	
B	CR	DDDdd	0 ~ 99915	
B	RLY	DDDdd	0 ~ 99915	
W	DM	DDDDD	0 ~ 65535	
W	TM	DDDD	0 ~ 9999	
W	T	DDDD	0 ~ 9999	
W	T_Curr	DDDD	0 ~ 9999	Timer_Current
W	T_Preset	DDDD	0 ~ 9999	
W	C	DDDD	0 ~ 9999	
W	C_Curr	DDDD	0 ~ 9999	Counter_Current
W	C_Preset	DDDD	0 ~ 9999	
W	CM	DDDDD	0 ~ 65535	
W	EM	DDDDD	0 ~ 65535	
W	FM	DDDDD	0 ~ 65535	

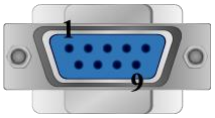
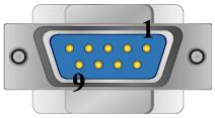
接线图:

以下图表示从连接线的焊接端所视.

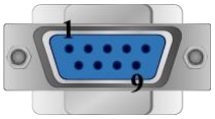
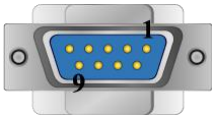
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		OP-26486 9P D-Sub Male
2 RX	8 RX		3 TXD
3 TX	7 TX		2 RXD
5 GND	5 GND		5 GND
			

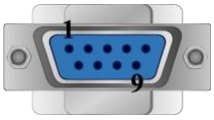
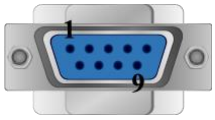
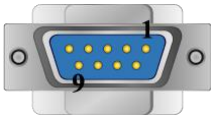
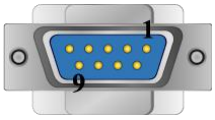
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			OP-26486 9P D-Sub Male
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

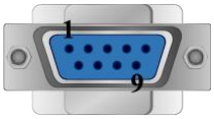
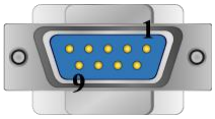
MT8000iE series

COM1 RS232 9P D-Sub Female			OP-26486 9P D-Sub Male
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

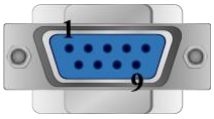
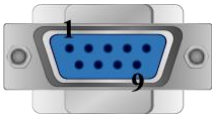
COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	OP-26486 9P D-Sub Male
2 RX	6 RX	8 RX	3 TXD
3 TX	4 TX	7 TX	2 RXD
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

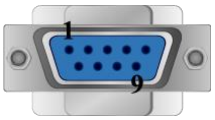
COM1 RS232 9P D-Sub Female			OP-26486 9P D-Sub Male
9 RX			3 TXD
6 TX			2 RXD
5 GND			5 GND
			

以下图表示从连接线的焊接端所视.

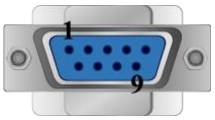
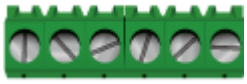
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		KV-L20V Port2 RS232 terminal
2 RX	8 RX		3 TXD
3 TX	7 TX		5 RXD
5 GND	5 GND		1 GND
			

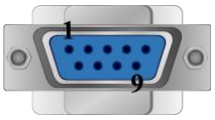
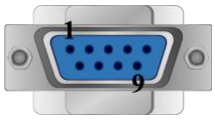
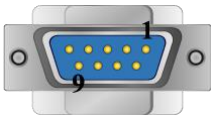
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			KV-L20V Port2 RS232 terminal
2 RX			3 TXD
3 TX			5 RXD
5 GND			1 GND
			

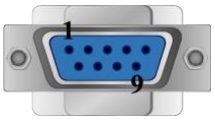
MT8000iE series

COM1 RS232 9P D-Sub Female			KV-L20V Port2 RS232 terminal
2 RX			3 TXD
3 TX			5 RXD
5 GND			1 GND
			

MT6000/8000 series except MT6050i/MT8050i

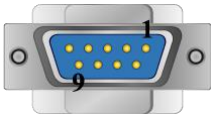
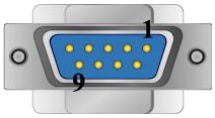
COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	KV-L20V Port2 RS232 terminal
2 RX	6 RX	8 RX	3 TXD
3 TX	4 TX	7 TX	5 RXD
5 GND	5 GND	5 GND	1 GND
			

MT6050i/MT8050i

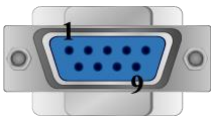
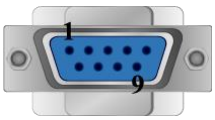
COM1 RS232 9P D-Sub Female			KV-L20V Port2 RS232 terminal
9 RX			3 TXD
6 TX			5 RXD
5 GND			1 GND
			

以下图表示从连接线的焊接端所视.

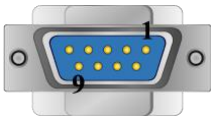
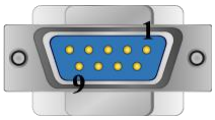
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		KV-L20V Port2 R485 2W terminal
1 RX-	6 Data-		3 D-
2 RX+	9 Data+		5 D+
5 GND	5 GND		1 GND
			

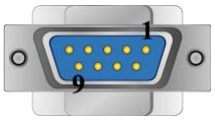
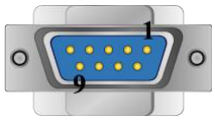
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		KV-L20V Port2 R485 2W terminal
7 RX-	4 Data-		3 D-
6 RX+	1 Data+		5 D+
5 GND	5 GND		1 GND
			

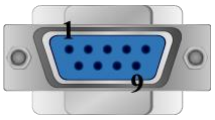
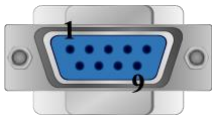
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		KV-L20V Port2 R485 2W terminal
1 RX-	7 Data-		3 D-
2 RX+	8 Data+		5 D+
5 GND	9 GND		1 GND
			

MT6000/8000 series except MT6050i/MT8050i

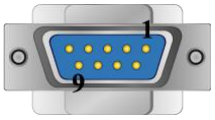
COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		KV-L20V Port2 R485 2W terminal
1 RX-	6 Data-		3 D-
2 RX+	9 Data+		5 D+
5 GND	5 GND		1 GND
			

MT6050i/MT8050i

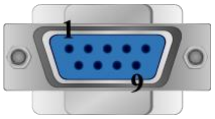
COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		KV-L20V Port2 R485 2W terminal
1 RX-	7 Data-		3 D-
2 RX+	8 Data+		5 D+
5 GND	5 GND		1 GND
			

以下图表示从连接线的焊接端所视.

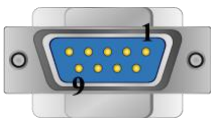
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			KV-L20V Port2 R485 4W terminal
1 RX-			3 TX-
2 RX+			5 TX+
3 TX-			2 RX-
4 TX+			4 RX+
5 GND			1 GND
			

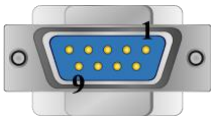
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			KV-L20V Port2 R485 4W terminal
7 RX-			3 TX-
6 RX+			5 TX+
9 TX-			2 RX-
8 TX+			4 RX+
5 GND			1 GND
			

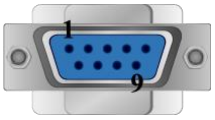
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			KV-L20V Port2 R485 4W terminal
1 RX-			3 TX-
2 RX+			5 TX+
3 TX-			2 RX-
4 TX+			4 RX+
5 GND			1 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			KV-L20V Port2 R485 4W terminal
1 RX-			3 TX-
2 RX+			5 TX+
3 TX-			2 RX-
4 TX+			4 RX+
5 GND			1 GND
			

MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			KV-L20V Port2 R485 4W terminal
1 RX-			3 TX-
2 RX+			5 TX+
3 TX-			2 RX-
4 TX+			4 RX+
5 GND			1 GND
			

驱动版本:

版本	日期	叙述
V2.20	Jul/28/2009	
V2.30	Oct/5/2012	支持 KV-L20V 模块

Korenix 6550

支持系列: http://www.korenix.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Korenix 6550		Modbus 协议
PLC 界面	以太网络		
PLC 站号		0	
端口	502		

设备类型:

字符/位	设备类型	格式	范围	注释
B	1x	DDDDD	1 ~ 65535	
B	0x	DDDDD	1 ~ 65535	
B	3x_Bit	DDDDDdd	100 ~ 6553515	
B	4x_Bit	DDDDDdd	100 ~ 6553515	
B	6x_Bit	DDDDDdd	100 ~ 6553515	
W	3x	DDDDD	1 ~ 65535	
W	4x	DDDDD	1 ~ 65535	
W	5x	DDDDD	1 ~ 65535	
W	6x	DDDDD	1 ~ 65535	

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

驱动版本:

版本	日期	叙述
V1.61	Apr/17/2009	

KOYO CLICK

支持系列: KOYO CLICK PLC series.

网站: http://www.automationdirect.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	KOYO CLICK		
PLC 界面	RS232		
传输速率	38400	通讯端口 1 (fixed)	参考 PLC 规格
校验	Odd	通讯端口 1 (fixed)	参考 PLC 规格
数据位	8	通讯端口 1 (fixed)	参考 PLC 规格
停止位	1	通讯端口 1 (fixed)	参考 PLC 规格
PLC 站号	1	通讯端口 1 (fixed)	参考 PLC 规格

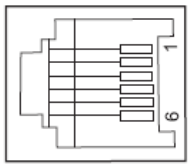
设备类型:

字符/位	设备类型	格式	范围	注释
B	X	Ddd	001 ~ 816	输入状态 (只读)
B	Y	Ddd	001 ~ 816	输出状态
B	C	DDDD	1 ~ 2000	控制位
B	T	DDD	1 ~ 500	定时器状态 (只读)
B	CT	DDD	1 ~ 250	计数器(只读)
B	SC	DDDD	1 ~ 1000	系统控制位 (只读)
W	DS	DDDD	1 ~ 4500	数据缓存器
W	DD	DDDD	1 ~ 1000	数据缓存器 (双字符)
W	DH	DDD	1 ~ 500	数据缓存器
W	DF	DDD	1 ~ 500	数据缓存器 (双字符)
W	XD	D	0 ~ 8	输入状态缓存器 (只读)
W	YD	D	0 ~ 8	输出状态缓存器
W	TD	DDD	1 ~ 500	定时器目前数值 (只读)
W	CTD	DDD	1 ~ 250	计数器目前数值 (双字符/只读)
W	SD	DDDD	1 ~ 1000	系统数据缓存器 (只读)
W	TXT	DDDD	1 ~ 1000	文字数据缓存器

接线图:

KOYO CLICK PLC Com Port:

6 pin RJ12 Phone Type Jack – both ports

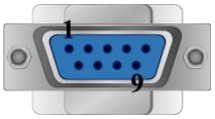
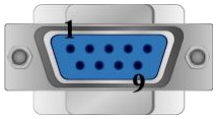


Port 1 Pin Descriptions		
1	0V	Power (-) connection (GND)
2	5V	Power (+) connection
3	RXD	Receive data (RS-232)
4	TXD	Transmit data (RS-232)
5	NC	No connection
6	0V	Power (-) connection (GND)

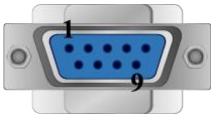
Port 2 Pin Descriptions		
1	0V	Power (-) connection (GND)
2	5V	Power (+) connection
3	RXD	Receive data (RS-232)
4	TXD	Transmit data (RS-232)
5	RTS	Request to send
6	0V	Power (-) connection (GND)

以下图表示从连接线的焊接端所视.

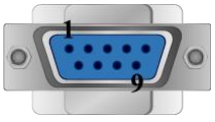
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 6P RJ12 Male
2 RX	8 RX		4 TXD
3 TX	7 TX		3 RXD
5 GND	5 GND		1 GND
			

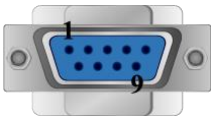
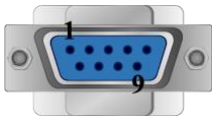
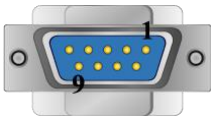
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 6P RJ12 Male
2 RX			4 TXD
3 TX			3 RXD
5 GND			1 GND
			

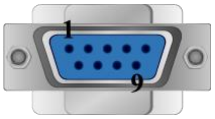
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 6P RJ12 Male
2 RX			4 TXD
3 TX			3 RXD
5 GND			1 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 6P RJ12 Male
2 RX	6 RX	8 RX	4 TXD
3 TX	4 TX	7 TX	3 RXD
5 GND	5 GND	5 GND	1 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 6P RJ12 Male
9 RX			4 TXD
6 TX			3 RXD
5 GND			1 GND
			

驱动版本:

版本	日期	叙述
V1.50	Jun/22/2010	

KOYO DIRECT

支持系列: KOYO DirectLogic series PLC DL05, DL06, DL105, DL205, DL305, and DL405 series.

网站: http://www.automationdirect.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	KOYO DIRECT		
PLC 界面	RS232	RS232, RS485	
传输速率	9600	9600, 19200, 38400	
校验	Odd	Even, Odd, None	
数据位	8	7, 8	
停止位	1	1	
PLC 站号	1	1-90	

PLC 设定:

	1. PLC 不可有密码。 2. PLC 必须设定为全双工操作。 3. PLC 必须设定为无硬件信号交换。 4. PLC 必须设定为使用 'K' 序列协议. 5. 模式设定为 TERM 模式。 6. 使用 D4-440 CPU 时, 站号必须设定为 1。

设备类型:

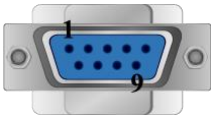
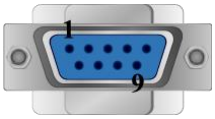
字符/位	设备类型	格式	范围	注释
B	X	OOOO	0 ~ 4000	输入位
B	Y	OOOO	0 ~ 4000	输出位
B	C	OOOOO	0 ~ 10000	控制继电器
B	T	OOOO	0 ~ 1000	定时器状态位
B	CT	OOOO	0 ~ 1000	计数器位
B	S	OOOO	0 ~ 2000	
B	SP	OOOO	0 ~ 2000	
B	GX	OOOOO	0 ~ 10000	
B	GY	OOOOO	0 ~ 10000	
W	V	OOOOO	0 ~ 77777	V Memory
W	Timer	OOOO	0 ~ 1000	
W	Counter	OOOO	0 ~ 1000	

接线图:

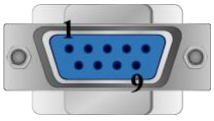
以下图表示从连接线的焊接端所视.

DL05/DL06/DL105/DL230/DL240/DL250/DL350/DL450 RS232 port

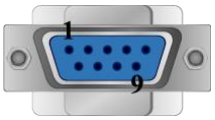
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		KOYO DirectLogic PLC RS232 6P RJ12 Male
2 RX	8 RX		4 TX
3 TX	7 TX		3 RX
5 GND	5 GND		1 GND
			

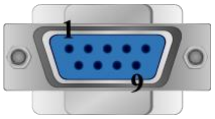
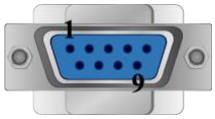
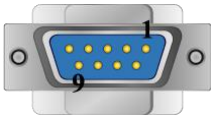
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			KOYO DirectLogic PLC RS232 6P RJ12 Male
2 RX			4 TX
3 TX			3 RX
5 GND			1 GND
			

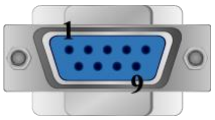
MT8000iE series

COM1 RS232 9P D-Sub Female			KOYO DirectLogic PLC RS232 6P RJ12 Male
2 RX			4 TX
3 TX			3 RX
5 GND			1 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	KOYO DirectLogic PLC RS232 6P RJ12 Male
2 RX	6 RX	8 RX	4 TX
3 TX	4 TX	7 TX	3 RX
5 GND	5 GND	5 GND	1 GND
			

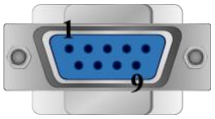
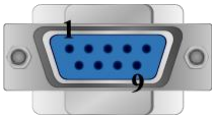
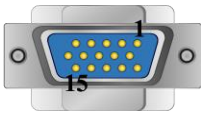
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			KOYO DirectLogic PLC RS232 6P RJ12 Male
9 RX			4 TX
6 TX			3 RX
5 GND			1 GND
			

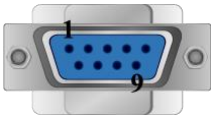
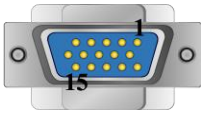
以下图表示从连接线的焊接端所视.

CPU unit: DL06/DL250 CPU Port2 RS232

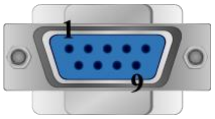
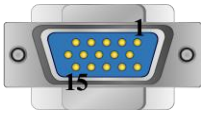
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 Port2 15P D-Sub Male	
2 RX	8 RX		2 TX	
3 TX	7 TX		3 RX	
5 GND	5 GND		7 GND	
			4 RTC 5 CTS	circuit
				

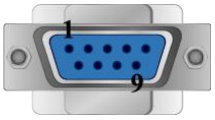
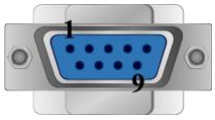
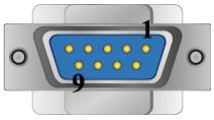
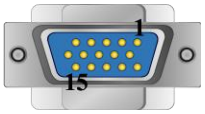
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 Port2 15P D-Sub Male	
2 RX			2 TX	
3 TX			3 RX	
5 GND			7 GND	
			4 RTC 5 CTS	circuit
				

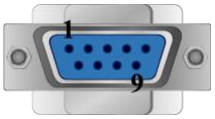
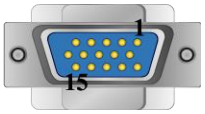
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 Port2 15P D-Sub Male	
2 RX			2 TX	
3 TX			3 RX	
5 GND			7 GND	
			4 RTC 5 CTS	circuit
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 Port2 15P D-Sub Male
2 RX	6 RX	8 RX	2 TX
3 TX	4 TX	7 TX	3 RX
5 GND	5 GND	5 GND	7 GND
			4 RTC 5 CTS circuit
			

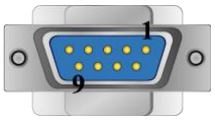
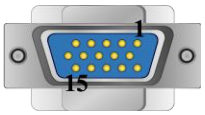
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 Port2 15P D-Sub Male
9 RX			2 TX
6 TX			3 RX
5 GND			7 GND
			4 RTC 5 CTS circuit
			

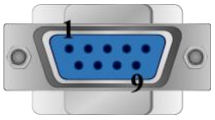
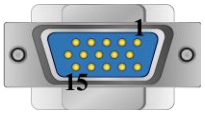
以下图表示从连接线的焊接端所视.

CPU unit: DL06/DL250 CPU Port2 RS422

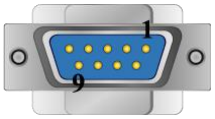
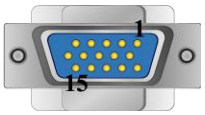
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS422 Port2 15P D-Sub Male	
1 RX-			10 TX-	
2 RX+			9 TX+	
3 TX-			6 RX-	
4 TX+			13 RX+	
5 GND			7 GND	
			11 RTS+	Circuit
			14 CTS+	
			12 RTS-	Circuit
			15 CTS-	
				

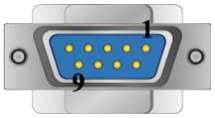
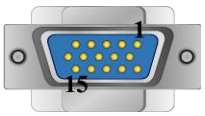
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS422 Port2 15P D-Sub Male	
7 RX-			10 TX-	
6 RX+			9 TX+	
9 TX-			6 RX-	
8 TX+			13 RX+	
5 GND			7 GND	
			11 RTS+	Circuit
			14 CTS+	
			12 RTS-	Circuit
			15 CTS-	
				

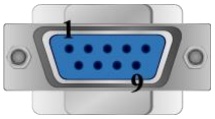
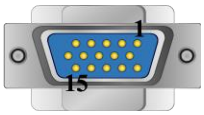
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS422 Port2 15P D-Sub Male	
1 RX-			10 TX-	
2 RX+			9 TX+	
3 TX-			6 RX-	
4 TX+			13 RX+	
5 GND			7 GND	
			11 RTS+	Circuit
			14 CTS+	
			12 RTS-	Circuit
			15 CTS-	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS422 Port2 15P D-Sub Male	
1 RX-			10 TX-	
2 RX+			9 TX+	
3 TX-			6 RX-	
4 TX+			13 RX+	
5 GND			7 GND	
			11 RTS+	Circuit
			14 CTS+	
			12 RTS-	Circuit
			15 CTS-	
				

MT6050i/MT8050i

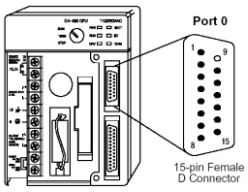
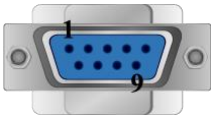
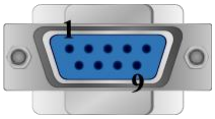
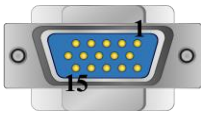
COM1 RS485 4W 9P D-Sub Female			RS422 Port2 15P D-Sub Male	
1 RX-			10 TX-	
2 RX+			9 TX+	
3 TX-			6 RX-	
4 TX+			13 RX+	
5 GND			7 GND	
			11 RTS+	Circuit
			14 CTS+	
			12 RTS-	Circuit
			15 CTS-	
				

Note: DL06/DL250 CPU Port2 include RS232 and RS422

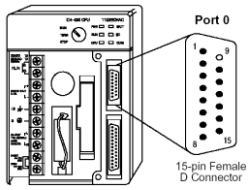
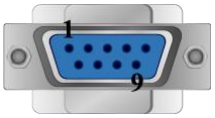
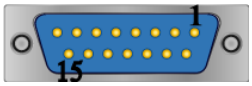
以下图表示从连接线的焊接端所视.

CPU unit: DL430/DL440/DL450 CPU unit Port0 RS232

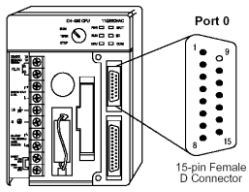
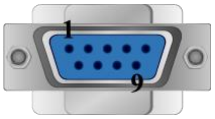
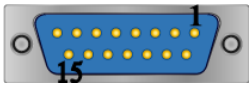
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 Port0 15P D-Sub Male	
2 RX	8 RX		2 TX	
3 TX	7 TX		3 RX	
5 GND	5 GND		13 GND	
			1 YOP	circuit
			7 CTS	
			2 YOM	
			4 ONLINE	circuit
			14 GND	
				

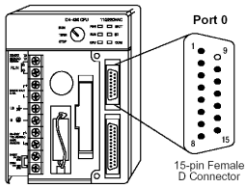
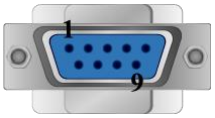
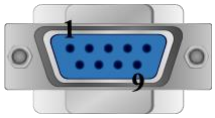
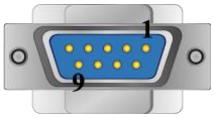
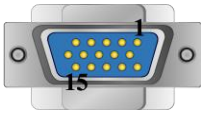
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 Port0 15P D-Sub Male	
2 RX			2 TX	
3 TX			3 RX	
5 GND			13 GND	
			1 YOP 7 CTS 2 YOM	circuit
			4 ONLINE 14 GND	circuit
				

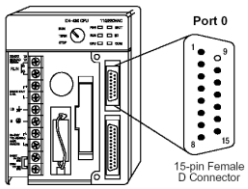
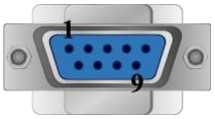
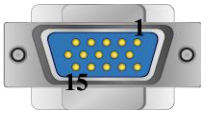
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 Port0 15P D-Sub Male	
2 RX			2 TX	
3 TX			3 RX	
5 GND			13 GND	
			1 YOP 7 CTS 2 YOM	circuit
			4 ONLINE 14 GND	circuit
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 Port0 15P D-Sub Male	
2 RX	6 RX	8 RX	2 TX	
3 TX	4 TX	7 TX	3 RX	
5 GND	5 GND	5 GND	13 GND	
			1 YOP 7 CTS 2 YOM	circuit
			4 ONLINE 14 GND	circuit
				

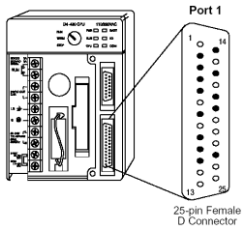
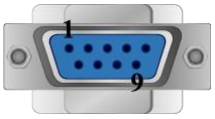
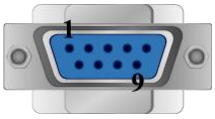
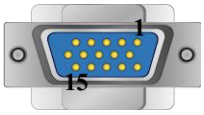
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 Port0 15P D-Sub Male	
9 RX			2 TX	
6 TX			3 RX	
5 GND			13 GND	
			1 YOP 7 CTS 2 YOM	circuit
			4 ONLINE 14 GND	circuit
				

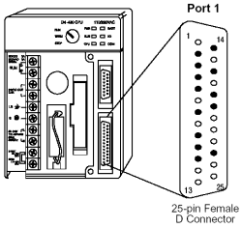
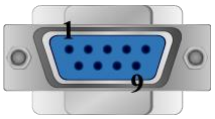
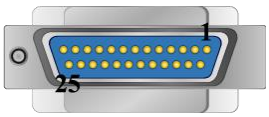
以下图表示从连接线的焊接端所视.

CPU unit: DL430/DL440/DL450 CPU unit Port1 & DL350 CPU unit Port2 RS232

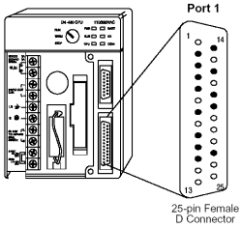
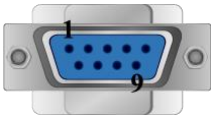
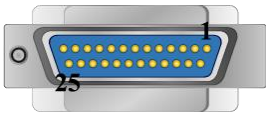
eMT3000 series

<table>
<tr><td>COM1 RS232 9P
D-Sub Female</td><td>COM3 RS232 9P
D-Sub Female</td><td></td><td colspan="2">RS232 Port1 25P
D-Sub Male</td></tr>
<tr><td>2 RX</td><td>RX</td><td></td><td colspan="2">2 TX</td></tr>
<tr><td>3 TX</td><td>7 TX</td><td></td><td colspan="2">3 RX</td></tr>
<tr><td>5 GND</td><td>5 GND</td><td></td><td colspan="2">7 GND</td></tr>
<tr><td colspan="3" rowspan="2"> 
</td><td>4 RTC
5 CTS</td><td rowspan="2">Circuit</td></tr>
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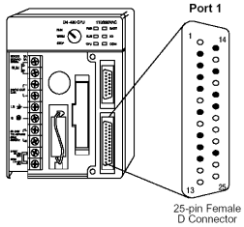
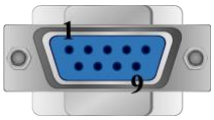
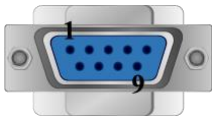
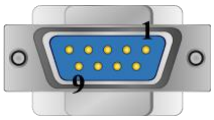
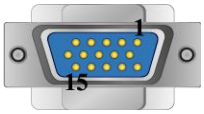
cMT-SVR/cMT-HD series

<table>
<tr><td>COM1 RS232 9P
D-Sub Female</td><td></td><td></td><td colspan="2">RS232 Port1 25P
D-Sub Male</td></tr>
<tr><td>2 RX</td><td></td><td></td><td colspan="2">2 TX</td></tr>
<tr><td>3 TX</td><td></td><td></td><td colspan="2">3 RX</td></tr>
<tr><td>5 GND</td><td></td><td></td><td colspan="2">7 GND</td></tr>
<tr><td colspan="3" rowspan="2"> 
</td><td>4 RTC
5 CTS</td><td rowspan="2">Circuit</td></tr>
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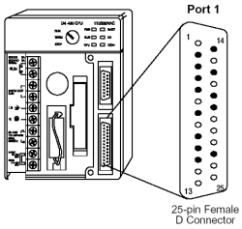
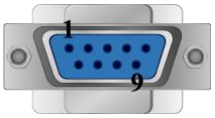
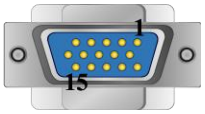
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 Port1 25P D-Sub Male	
2 RX			2 TX	
3 TX			3 RX	
5 GND			7 GND	
			4 RTC 5 CTS	Circuit
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 Port1 25P D-Sub Male	
2 RX	6 RX	8 RX	2 TX	
3 TX	4 TX	7 TX	3 RX	
5 GND	5 GND	5 GND	7 GND	
			4 RTC 5 CTS	Circuit
				

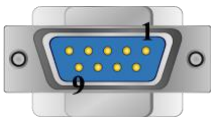
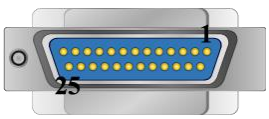
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 Port1 25P D-Sub Male	
9 RX			2 TX	
6 TX			3 RX	
5 GND			7 GND	
			4 RTC	Circuit
			5 CTS	
				

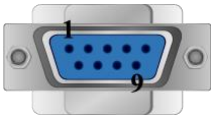
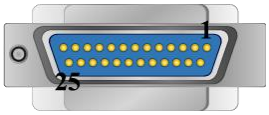
以下图表示从连接线的焊接端所视.

CPU unit: DL430/DL440/DL450 CPU unit Port1 & DL350 CPU unit Port2 RS422

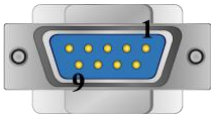
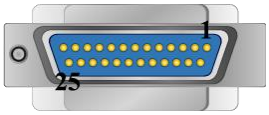
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS422 Port 25P D-Sub Male	
1 RX-			16 TX-	
2 RX+			14 TX+	
3 TX-			10 RX-	
4 TX+			9 RX+	
5 GND			7 GND	
			19 RTS+	Circuit
			11 CTS+	
			18 RTS-	Circuit
			23 CTS-	
				

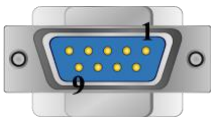
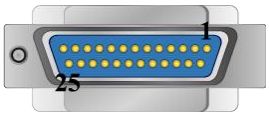
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS422 Port 25P D-Sub Male	
7 RX-			16 TX-	
6 RX+			14 TX+	
9 TX-			10 RX-	
8 TX+			9 RX+	
5 GND			7 GND	
			19 RTS+	Circuit
			11 CTS+	
			18 RTS-	Circuit
			23 CTS-	
				

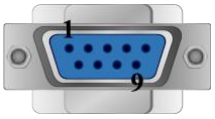
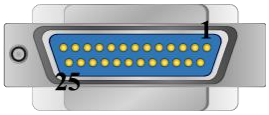
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS422 Port 25P D-Sub Male	
1 RX-			16 TX-	
2 RX+			14 TX+	
3 TX-			10 RX-	
4 TX+			9 RX+	
5 GND			7 GND	
			19 RTS+	Circuit
			11 CTS+	
			18 RTS-	Circuit
			23 CTS-	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS422 Port 25P D-Sub Male	
1 RX-			16 TX-	
2 RX+			14 TX+	
3 TX-			10 RX-	
4 TX+			9 RX+	
5 GND			7 GND	
			19 RTS+	Circuit
			11 CTS+	
			18 RTS-	Circuit
			23 CTS-	
				

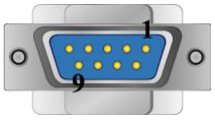
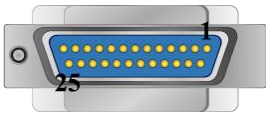
MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			RS422 Port 25P D-Sub Male	
1 RX-			16 TX-	
2 RX+			14 TX+	
3 TX-			10 RX-	
4 TX+			9 RX+	
5 GND			7 GND	
			19 RTS+	Circuit
			11 CTS+	
			18 RTS-	Circuit
			23 CTS-	
				

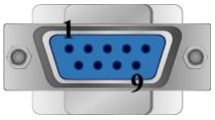
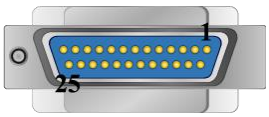
以下图表示从连接线的焊接端所视.

CPU unit: DL450 CPU unit Port3 RS422

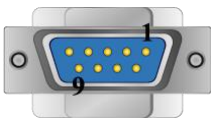
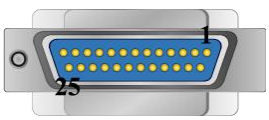
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS422 Port3 25P D-Sub Male
1 RX-			13 TX-
2 RX+			12 TX+
3 TX-			25 RX-
4 TX+			24 RX+
5 GND			7 GND
			

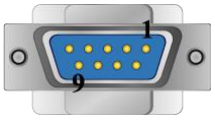
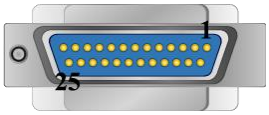
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS422 Port3 25P D-Sub Male
7 RX-			13 TX-
6 RX+			12 TX+
9 TX-			25 RX-
8 TX+			24 RX+
5 GND			7 GND
			

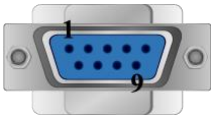
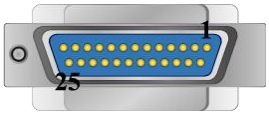
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS422 Port3 25P D-Sub Male
1 RX-			13 TX-
2 RX+			12 TX+
3 TX-			25 RX-
4 TX+			24 RX+
5 GND			7 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS422 Port3 25P D-Sub Male
1 RX-			13 TX-
2 RX+			12 TX+
3 TX-			25 RX-
4 TX+			24 RX+
5 GND			7 GND
			

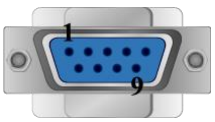
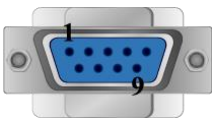
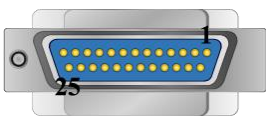
MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			RS422 Port3 25P D-Sub Male
1 RX-			13 TX-
2 RX+			12 TX+
3 TX-			25 RX-
4 TX+			24 RX+
5 GND			7 GND
			

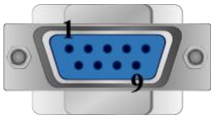
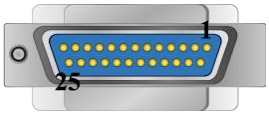
以下图表示从连接线的焊接端所视.

Communication unit: DL205 series D2-DCM and DL405 series D4-DCM RS232

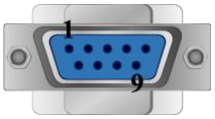
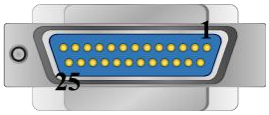
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 Port 25P D-Sub Male	
2 RX	8 RX		2 TX	
3 TX	7 TX		3 RX	
5 GND	5 GND		7 GND	
			4 RTC	circuit
			5 CTS	
				

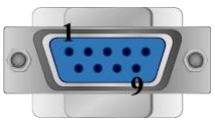
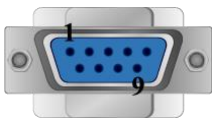
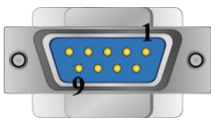
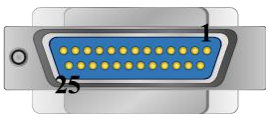
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 Port 25P D-Sub Male	
2 RX			2 TX	
3 TX			3 RX	
5 GND			7 GND	
			4 RTC 5 CTS	circuit
				

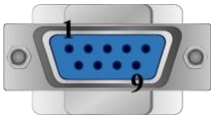
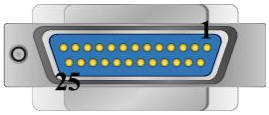
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 Port 25P D-Sub Male	
2 RX			2 TX	
3 TX			3 RX	
5 GND			7 GND	
			4 RTC 5 CTS	circuit
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 Port 25P D-Sub Male	
2 RX	6 RX	8 RX	2 TX	
3 TX	4 TX	7 TX	3 RX	
5 GND	5 GND	5 GND	7 GND	
			4 RTC 5 CTS	circuit
				

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 Port 25P D-Sub Male	
9 RX			2 TX	
6 TX			3 RX	
5 GND			7 GND	
			4 RTC	circuit
			5 CTS	
				

驱动版本:

版本	日期	叙述
V1.30	Nov/02/2010	

KOYO Do-more

支持系列: Do-more H2 Series PLC
网站: http://www.automationdirect.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	KOYO Do-more		
PLC 界面	RS232		
传输速率	115200	9600 ~ 115200	
校验	None		
数据位	8		
停止位	1		
PLC 站号	1		

在线仿真	YES	扩增地址模式	NO

HMI 设定:

串行端口模式	Do-more programming

设备类型:

字符/位	设备类型	格式	范围	注释
B	ST	DDDD	0 ~ 1023	
B	X	DDDDD	0 ~ 65535	
B	Y	DDDDD	0 ~ 65535	
B	C	DDDDD	0 ~ 65535	
B	MI	DDDDD	0 ~ 65535	
B	MC	DDDDD	0 ~ 65535	
B	T.Done	DDDDD	0 ~ 32766	只读
B	CT.Done	DDDDD	0 ~ 32766	只读
B	DLX	OOOOOO	0 ~ 177777	
B	DLY	OOOOOO	0 ~ 177777	
B	DLC	OOOOOO	0 ~ 177777	
W	DLV	OOOOOO	0 ~ 177777	
W	SDT	D.D	0 ~ 7.6	只读 *注 1

字符/位	设备类型	格式	范围	注释
W	WX	DDDDD	0 ~ 65535	
W	WY	DDDDD	0 ~ 65535	
W	V	DDDDD	0 ~ 65535	
W	N	DDDDD	0 ~ 65535	
W	SS	DDDD.DD	0 ~ 3854.34	只读 *注 2
W	SL	DDDD.DDD	0 ~ 1007.130	只读 *注 2
W	UDT	DDDDD.D	0 ~ 32767.6	*注 1
W	PL	DDD	0 ~ 255	
W	MIR	DDDDD	0 ~ 65535	
W	MHR	DDDDD	0 ~ 65535	
W	DST	DDD	0 ~ 511	
W	D	DDDDD	0 ~ 65534	
W	R	DDDDD	0 ~ 65534	浮点数
W	T.ACC	DDDDD	0 ~ 32766	
W	CT.ACC	DDDDD	0 ~ 32766	

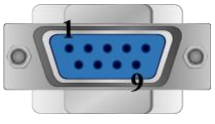
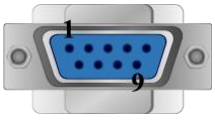
*注 1：SDT , UDT: xxx.0 = 年, xxx.1 = 月, xxx.2 = 日, xxx.3 = 星期,
xxx.4 = 时, xxx.5 = 分, xxx.6 = 秒.

*注 2：SS , SL: xxx.0 = 字符串最大长度, xxx.1 = 字符串长度, xxx.2 ~ 34 = 字符串(SS)
xxx.2 ~ 130 = 字符串 (SL)

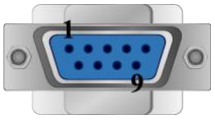
接线图:

以下图表示从连接线的焊接端所视.

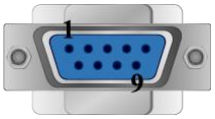
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		Koyo Direct Logic 205 RS-232 6P RJ12
2 RX	8 RX		4 TXD
3 TX	7 TX		3 RXD
5 GND	5 GND		1 GND
7 RTS			6 CTS
8 CTS			5 RTS
			

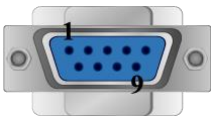
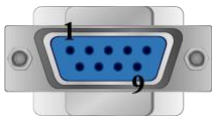
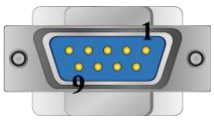
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			Koyo Direct Logic 205 RS-232 6P RJ12
2 RX			4 TXD
3 TX			3 RXD
5 GND			1 GND
			

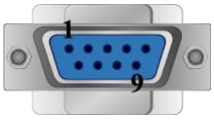
MT8000iE series

COM1 RS232 9P D-Sub Female			Koyo Direct Logic 205 RS-232 6P RJ12
2 RX			4 TXD
3 TX			3 RXD
5 GND			1 GND
7 RTS			6 CTS
8 CTS			5 RTS
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	Koyo Direct Logic 205 RS-232 6P RJ12
2 RX	6 RX	8 RX	4 TXD
3 TX	4 TX	7 TX	3 RXD
5 GND	5 GND	5 GND	1 GND
7 RTS			6 CTS
8 CTS			5 RTS
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			Koyo Direct Logic 205 RS-232 6P RJ12
9 RX			4 TXD
6 TX			3 RXD
5 GND			1 GND
			

驱动版本:

版本	日期	叙述
V1.00	Apr/03/2013	发布驱动程序.

KOYO Do-more (Ethernet)

支持系列: Do-more H2 Series PLC Ethernet port
网站: http://www.automationdirect.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	KOYO Do-more (Ethernet)		
PLC 界面	以太网络		使用 UDP
PLC 站号	不需设定站号		
端口	28784		

HMI 设定:

串行端口模式	Do-more programming

设备类型:

字符/位	设备类型	格式	范围	注释
B	ST	DDDD	0 ~ 1023	
B	X	DDDDD	0 ~ 65535	
B	Y	DDDDD	0 ~ 65535	
B	C	DDDDD	0 ~ 65535	
B	MI	DDDDD	0 ~ 65535	
B	MC	DDDDD	0 ~ 65535	
B	T.Done	DDDDD	0 ~ 32766	只读
B	CT.Done	DDDDD	0 ~ 32766	只读
B	DLX	OOOOOO	0 ~ 177777	
B	DLY	OOOOOO	0 ~ 177777	
B	DLC	OOOOOO	0 ~ 177777	
W	DLV	OOOOOO	0 ~ 177777	
W	SDT	D.D	0 ~ 7.6	只读 *注 1
W	WX	DDDDD	0 ~ 65535	
W	WY	DDDDD	0 ~ 65535	
W	V	DDDDD	0 ~ 65535	
W	N	DDDDD	0 ~ 65535	

字符/位	设备类型	格式	范围	注释
W	SS	DDDD.DD	0 ~ 3854.34	只读 *注 2
W	SL	DDDD.DDD	0 ~ 1007.130	只读 *注 2
W	UDT	DDDDD.D	0 ~ 32767.6	*注 1
W	PL	DDD	0 ~ 255	
W	MIR	DDDDD	0 ~ 65535	
W	MHR	DDDDD	0 ~ 65535	
W	DST	DDD	0 ~ 511	
W	D	DDDDD	0 ~ 65534	
W	R	DDDDD	0 ~ 65534	浮点数
W	T.ACC	DDDDD	0 ~ 32766	
W	CT.ACC	DDDDD	0 ~ 32766	

*注 1：SDT , UDT: xxx.0 = 年, xxx.1 = 月, xxx.2 = 日, xxx.3 = 星期,
xxx.4 = 时, xxx.5 = 分, xxx.6 = 秒.

*注 2：SS , SL: xxx.0 = 字符串最大长度, xxx.1 = 字符串长度, xxx.2 ~ 34 = 字符串(SS)
xxx.2 ~ 130 = 字符串 (SL)

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.00	Apr/03/2013	发布驱动程序.

KOYO Ethernet

支持系列: KOYO DirectLogic series, model H0-ECOM100, H2-ECOM100.

网站: http://www.automationdirect.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	KOYO Ethernet		
PLC 界面	以太网络		UDP/IP
PLC 站号	不需设定站号	0	
端口	28784		

设备类型:

字符/位	设备类型	格式	范围	注释
B	GX	OOOO	0 ~ 3777	Global I/O
B	X	OOOO	0 ~ 1777	真实字符输入
B	SP	OOOO	0 ~ 1777	特殊功用继线器
B	GY	OOOO	0 ~ 3777	More Global I/O
B	Y	OOOO	0 ~ 1777	真实字符输出
B	C	OOOO	0 ~ 3777	控制继电器
B	S	OOOO	0 ~ 1777	阶段状态位
B	T	OOO	0 ~ 377	定时器状态位
B	CT	OOO	0 ~ 377	计数器位
W	V	OOOOO	0 ~ 41237	V Memory
W	CMM_32	HHH	1 ~ 200	GX, X, SP
W	CCM_33	HHH	1 ~ 340	GY,Y,C,S,T,CT
W	CCM_31	HHHH	1 ~ 42a0	V

ddd:十进制, hhh:十六进制, ooo:八进制

CCM32,CCM,33 和 CCM31 与其他地址的对应关系:

设备类型	范围	设备类型	范围
CCM_31	1~42A0	V	0~41237
CCM_32	1~FF	GX	0~3777
CCM_32	101~17F	X	0~1777
CCM_32	181~1FF	SP	0~1777
CCM_33	1~FF	GY	0~3777
CCM_33	101~17F	Y	0~1777
CCM_33	181~27F	C	0~3777
CCM_33	281~2FF	S	0~1777
CCM_33	301~31F	T	0~377
CCM_33	321~33F	CT	0~377

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.10	Jul/03/2009	

Lenze

支持系列: PLC Model No. : 9300/8200 series, EPL 10200
Pass-through 2102IB fieldbus module: RS485 (LECOM B)

网站: http://www.lenze.de

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Lenze		
PLC 界面	RS232		
传输速率	9600	9600, 19200	
校验	None	Even, Odd, None	
数据位	7	7,8	
停止位	1	1, 2	
PLC 站号	1	0-255	

PLC 设定:

通讯模式	与 MT500 设定相同

设备类型:

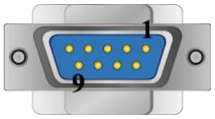
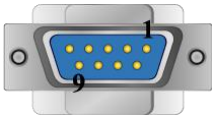
字符/位	设备类型	格式	范围	注释
B	CNB	DDDDdd	0 ~ 999915	不支持 Subcode 地址 仅读写 CNI Word Type 地址类型
B	CB	DDDDddxx	0 ~ 81920015	支持 Subcode 地址 仅读写 CI Word Type 地址类型
W	CI	DDDDdd	0 ~ 819200	支持 Subcode 地址 Integer
W	CD	DDDDdd	0 ~ 819200	支持 Subcode 地址 DWord
W	CF	DDDDdd	0 ~ 819200	支持 Subcode 地址 DWord (float point)
W	CNI	DDDD	0 ~ 9999	不支援 Subcode 地址 Integer
W	CND	DDDD	0 ~ 9999	不支持 Subcode 地址 DWord
W	CNF	DDDD	0 ~ 9999	不支持 Subcode 地址 DWord (float point)

接线图:

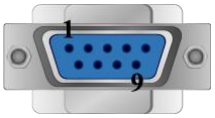
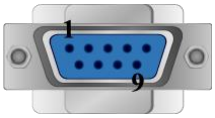
以下图表示从连接线的焊接端所视.

Lenze 2102IB LECOM-B RS485 plug-in terminal 4-pole

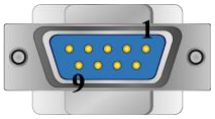
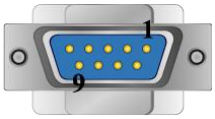
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		Lenze 2102IB LECOM-B RS485 plug-in terminal 4-pole
1 RX-	6 Data-		72 T/R (A)
2 RX+	9 Data+		71 T/R (B)
5 GND	5 GND		
			

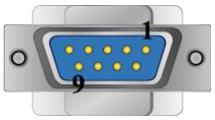
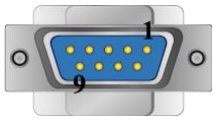
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 terminal
7 RX-	4 Data-		72 T/R (A)
6 RX+	1 Data+		71 T/R (B)
5 GND	5 GND		
			

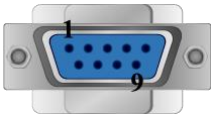
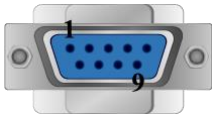
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 terminal
1 RX-	7 Data-		72 T/R (A)
2 RX+	8 Data+		71 T/R (B)
5 GND	9 GND		
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		Lenze 2102IB LECOM-B RS485 plug-in terminal 4-pole
1 RX-	6 Data-		72 T/R (A)
2 RX+	9 Data+		71 T/R (B)
5 GND	5 GND		
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		Lenze 2102IB LECOM-B RS485 plug-in terminal 4-pole
1 RX-	7 Data-		72 T/R (A)
2 RX+	8 Data+		71 T/R (B)
5 GND	5 GND		
			

驱动版本:

版本	日期	叙述
V1.20	Sep/6/2011	

LingYan BMS

网站: http://www.lyeda.com/Project_file/bms01.htm

HMI 設定:

參數設定	推薦	選項	注釋
PLC 類型	LingYan BMS		
PLC 界面	RS232		
傳輸速率	115200		
校驗	None		
數據位元	8		
停止位元	1		
PLC 站号	1		

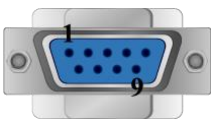
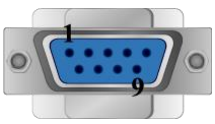
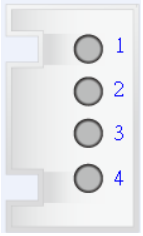
设备类型:

字元/位元	設備類型	格式	範圍	注釋
W	Battery_Unit	D	0	
W	Insulator_Unit	D	0	
W	Switch_Unit	D	0	

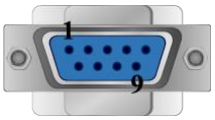
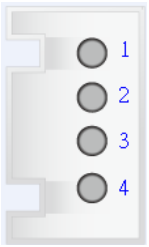
接线图:

以下图表示从连接线的焊接端所视.

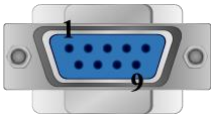
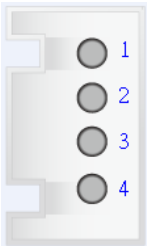
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 4P Terminal
2 RX	8 RX		1 TXD
3 TX	7 TX		3 RXD
5 GND	5 GND		4 GND
			

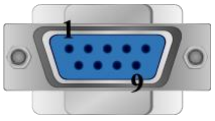
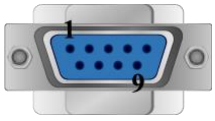
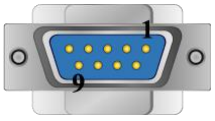
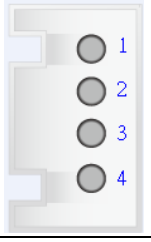
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 4P Terminal
2 RX			1 TXD
3 TX			3 RXD
5 GND			4 GND
			

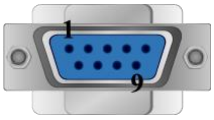
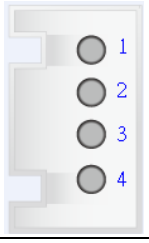
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 4P Terminal
2 RX			1 TXD
3 TX			3 RXD
5 GND			4 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 4P Terminal
2 RX	6 RX	8 RX	1 TXD
3 TX	4 TX	7 TX	3 RXD
5 GND	5 GND	5 GND	4 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 4P Terminal
9 RX			1 TXD
6 TX			3 RXD
5 GND			4 GND
			

驱动版本:

版本	日期	叙述
V1.10	Nov/12/2009	

LIYAN EX series

支持系列 : LIYAN PLC Ex/Ex1s/Ex1n/Ex2n series

网站: http://www.liyanplc.com/

HMI 設定:

參數設定	推薦	選項	注釋
PLC 類型	Mitsubishi FX0n/FX2		
PLC 界面	RS232	RS232	
傳輸速率	9600	9600~115200	
校驗	Even	Even, Odd, None	
數據位元	7	7,8	
停止位元	1	1,2	
PLC 站號	0	0-255	必须符合 PLC 埠的设定

設備類型:

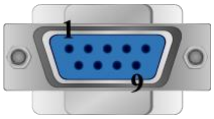
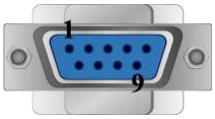
字元/位元	設備類型	格式	範圍	注釋
B	X	ooo	0-377	輸入继电器
B	Y	ooo	0-377	輸出继电器
B	M	ddd	0-9999	内部位储存器
B	T	ddd	0-255	計時器位储存器
B	C	ddd	0-255	計數器位储存器
W	TV	ddd	0-255	計時器暫存器
W	CV	ddd	0~199	計數器暫存器
W	D	ddd	0-9999	资料暫存器
W	CV2	ddd	200-255	計數器暫存器(雙字元)
W	SD	ddd	8000-9999	特殊数据暫存器

接線圖:

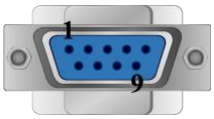
以下图表示从连接线的焊接端所视.

9P D-Sub to 8P Mini-DIN: Ex, Ex1s, Ex1n, Ex2n series

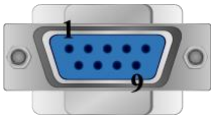
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 8P Mini-DIN Female socket
2 RX	8 RX		2 TXD
3 TX	7 TX		7 RXD
5 GND	5 GND		6 GND
			

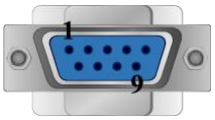
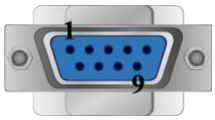
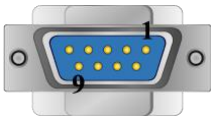
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 8P Mini-DIN Female socket
2 RX			2 TXD
3 TX			7 RXD
5 GND			6 GND
			

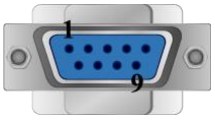
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 8P Mini-DIN Female socket
2 RX			2 TXD
3 TX			7 RXD
5 GND			6 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 8P Mini-DIN Female socket
2 RX	6 RX	8 RX	2 TXD
3 TX	4 TX	7 TX	7 RXD
5 GND	5 GND	5 GND	6 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 8P Mini-DIN Female socket
9 RX			2 TXD
6 TX			7 RXD
5 GND			6 GND
			

驱动版本:

版本	日期	叙述
V1.20	Oct/26/2011	

LoXin

网站: http://www.cw180.com

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	LoXin		
PLC 界面	RS485 2W		
传输速率	9600		
校验	Odd		
数据位	8		
停止位	1		
PLC 站号	1		

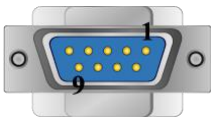
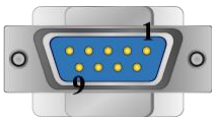
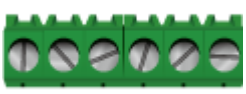
设备类型:

字符/位	设备型态	格式	范围	注释
W	Battery_Unit	D	0	
W	Insulator_Unit	D	0	
W	Switch_Unit	D	0	

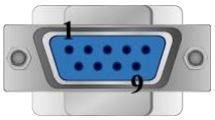
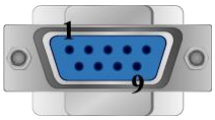
接线图:

以下图表示从连接线的焊接端所视.

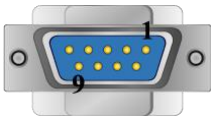
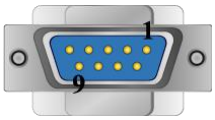
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 terminal
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		
			

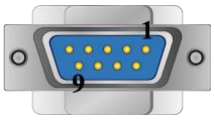
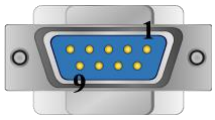
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 terminal
7 RX-	4 Data-		D-
6 RX+	1 Data+		D+
5 GND	5 GND		
			

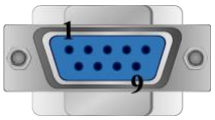
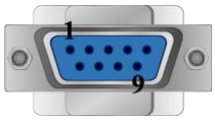
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 terminal
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	9 GND		
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 terminal
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 terminal
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	5 GND		
			

驱动版本:

版本	日期	叙述
V1.00	Oct/16/2008	

LS GLOFA Cnet

支持系列: LS GLOFA GM6/GM7 CPU Port. G7L-CUEB / G6L-CUEB / G4L-CUEA / G3L-CUEA Cnet module

网站: http://www.lgis.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	LS GLOFA Cnet		
PLC 界面	RS232	RS232/RS485 2W/4W	
传输速率	9600	9600~115200	
校验	None	Even, Odd, None	
数据位	8	7, 8	
停止位	1	1	
PLC 站号	0	0~31	

PLC 设定:

通讯模式	9600,N,8,1 (default), Cnet 协议
通讯模块	适用模式: 1 专用通信线路

设备类型:

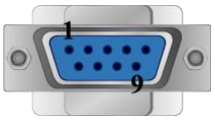
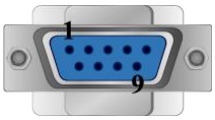
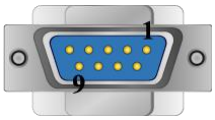
字符/位	设备类型	格式	范围	注释
B	MX	DDDDD	0 ~ 32767	内部继电器
B	IX	ddDdd	0 ~ 63763	输入
B	QX	ddDdd	0 ~ 63763	输出
W	MW	DDDDD	0 ~ 32767	数据缓存器
DW	MD	DDDDD	0 ~ 16383	双字符

接线图:

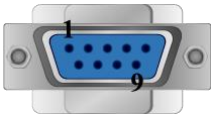
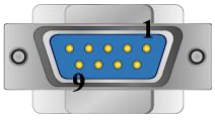
以下图表示从连接线的焊接端所视.

9P D-Sub to 9P D-Sub:

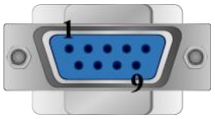
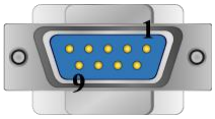
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male
2 RX	8 RX		7 TXD
3 TX	7 TX		4 RXD
5 GND	5 GND		5 GND
			

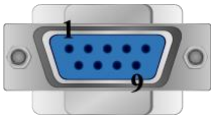
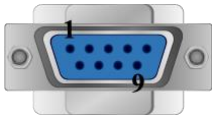
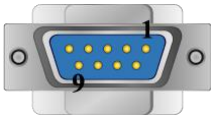
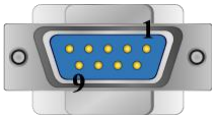
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
2 RX			7 TXD
3 TX			4 RXD
5 GND			5 GND
			

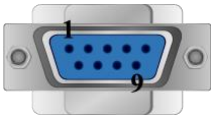
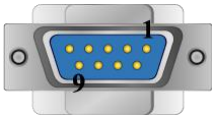
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
2 RX			7 TXD
3 TX			4 RXD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male
2 RX	6 RX	8 RX	7 TXD
3 TX	4 TX	7 TX	4 RXD
5 GND	5 GND	5 GND	5 GND
			

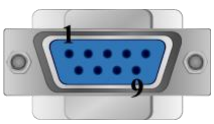
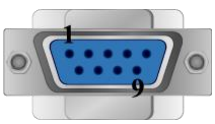
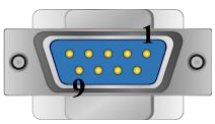
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
9 RX			7 TXD
6 TX			4 RXD
5 GND			5 GND
			

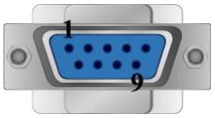
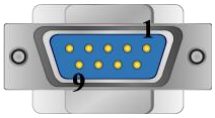
以下图表示从连接线的焊接端所视.

9P D-Sub to 9P D-Sub: Communication Module (G7L-CUEB / G6L-CUEB / G4L-CUEA / G3L-CUEA Cnet RS232)

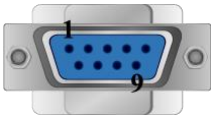
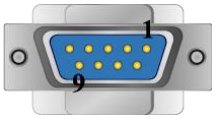
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male	
2 RX	8 RX		3 TXD	
3 TX	7 TX		2 RXD	
5 GND	5 GND		5 GND	
			1 CD	circuit
			7 RTS	
			8 CTS	
			4 DTR	circuit
			6 DSR	
				

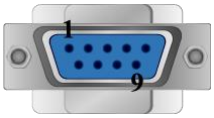
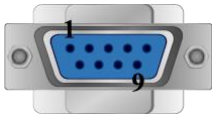
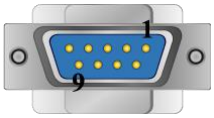
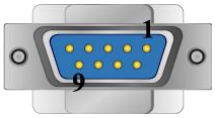
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			1 CD	circuit
			7 RTS	
			8 CTS	
			4 DTR	circuit
			6 DSR	
				

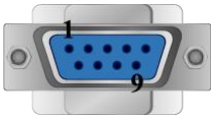
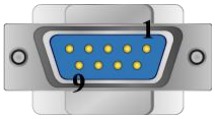
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			1 CD	circuit
			7 RTS	
			8 CTS	
			4 DTR	circuit
			6 DSR	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male	
2 RX	6 RX	8 RX	3 TXD	
3 TX	4 TX	7 TX	2 RXD	
5 GND	5 GND	5 GND	5 GND	
			1 CD	circuit
			7 RTS	
			8 CTS	
			4 DTR	circuit
			6 DSR	
				

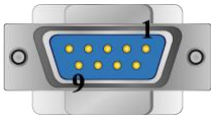
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
9 RX			3 TXD	
6 TX			2 RXD	
5 GND			5 GND	
			1 CD	circuit
			7 RTS	
			8 CTS	
			4 DTR	circuit
			6 DSR	
				

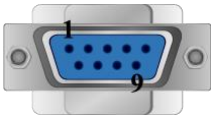
以下图表示从连接线的焊接端所视.

Communication Module (G7L-CUEC / G6L-CUEC / G4L-CUEA / G3L-CUEA Cnet RS422)

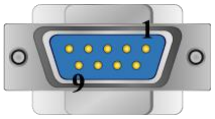
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS422 terminal
1 RX-			SDB
2 RX+			SDA
3 TX-			RDB
4 TX+			RDA
5 GND			GND
			

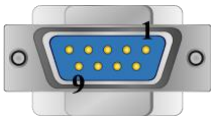
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS422 terminal
7 RX-			SDB
6 RX+			SDA
9 TX-			RDB
8 TX+			RDA
5 GND			GND
			

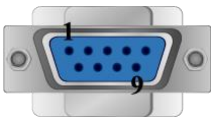
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS422 terminal
1 RX-			SDB
2 RX+			SDA
3 TX-			RDB
4 TX+			RDA
5 GND			GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS422 terminal
1 RX-			SDB
2 RX+			SDA
3 TX-			RDB
4 TX+			RDA
5 GND			GND
			

MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			RS422 terminal
1 RX-			SDB
2 RX+			SDA
3 TX-			RDB
4 TX+			RDA
5 GND			GND
			

驱动版本:

版本	日期	叙述
V1.80	Jun/08/2010	

LS GLOFA FEnet (Ethernet)

网站: http://www.lgis.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	LS GLOFA FEnet (Ethernet)		
PLC 界面	以太网络		
端口	2004		
PLC 站号	0	0~31	

设备类型:

字符/位	设备类型	格式	范围	注释
B	MX	DDDDDD	0 ~ 131056	内部继电器
B	IX	ddDdd	0 ~ 63763	输入
B	QX	ddDdd	0 ~ 63763	输出
W	MW	DDDD	0 ~ 8191	数据缓存器
DW	MD	DDDD	0 ~ 4095	双字符

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.00	Apr/02/2009	发布驱动程序.

LS GLOFA GM3467 (LOADER)

支持系列: LS GLOFA series GM3, GM4, GM6, GM7 CPU Port.

网站: http://www.lgis.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	LS GLOFA GM3467 (LOADER)		
PLC 界面	RS232		
传输速率	38400		
数据位	8		
校验	None		
停止位	1		
PLC 站号	1		

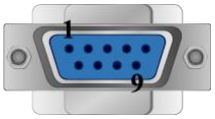
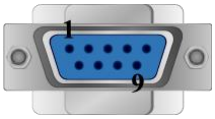
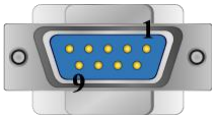
设备类型:

字符/位	设备类型	格式	范围	注释
B	MX	DDDDDD	0 ~ 524272	
B	IX	ddDdd	0 ~ 63763	00.0.0 ~ 63.7.63 (dd.D.dd)
B	QX	ddDdd	0 ~ 63763	00.0.0 ~ 63.7.63 (dd.D.dd)
W	IW	HHH	0 ~ 273	
W	QW	HHH	0 ~ 273	
W	MW	DDDDD	0 ~ 32767	
W	MD	DDDDD	0 ~ 16383	

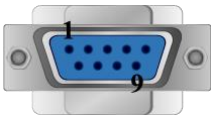
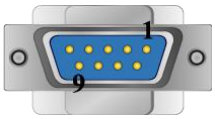
接线图:

以下图表示从连接线的焊接端所视.

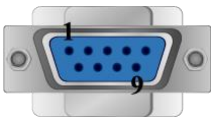
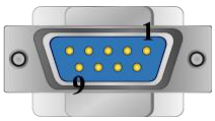
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		LS GLOFA series RS232 9P D-Sub Male
2 RX	8 RX		3 TD
3 TX	7 TX		2 RD
5 GND	5 GND		5 GND
			

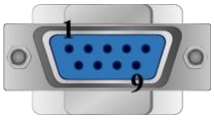
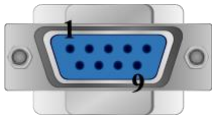
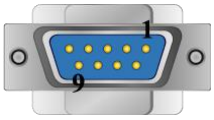
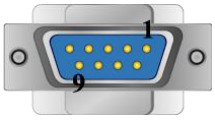
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			LS GLOFA series RS232 9P D-Sub Male
2 RX			3 TD
3 TX			2 RD
5 GND			5 GND
			

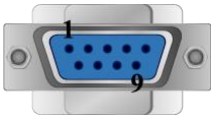
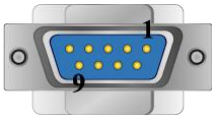
MT8000iE series

COM1 RS232 9P D-Sub Female			LS GLOFA series RS232 9P D-Sub Male
2 RX			3 TD
3 TX			2 RD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	LS GLOFA series RS232 9P D-Sub Male
2 RX	6 RX	8 RX	3 TD
3 TX	4 TX	7 TX	2 RD
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			LS GLOFA series RS232 9P D-Sub Male
9 RX			3 TD
6 TX			2 RD
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.30	Mar/08/2010	

LS MASTER-K Cnet

支持系列: LS MASTER-K series: K80S, K200S, K300S, and K1000S

网站: http://www.lgis.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	LS MASTER-K Cnet		
PLC 界面	RS232	RS232/RS485	
传输速率	38400	9600, 19200, 38400	
校验	None	Even, Odd, None	
数据位	8	8	
停止位	1	1	
PLC 站号	0	0-31	必须符合 PLC 埠的设定

在线仿真	YES	

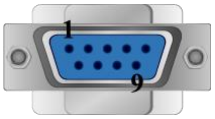
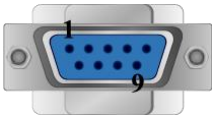
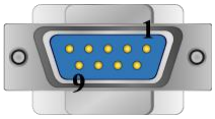
设备类型:

字符/位	设备类型	格式	范围	注释
B	P	DDDh	0 ~ 255f	输入/输出继电器 (P)
B	K	DDDh	0 ~ 255f	维持继电器 (K)
B	M	DDDh	0 ~ 255f	辅助继电器 (M)
B	L	DDDh	0 ~ 255f	连接继电器 (L)
B	F	DDDh	0 ~ 255f	特殊继电器 (F)
B	D_bit	DDDDh	0 ~ 9999f	D_位
W	TV	DDD	0 ~ 255	定时器目前数值
W	CV	DDD	0 ~ 255	计数器目前数值
W	D	DDDD	0 ~ 9999	数据缓存器 (D)
W	M_word	DDD	0 ~ 255	Word 类型 for M
W	L_word	DDD	0 ~ 255	Word 类型 for L
W	F_word	DDD	0 ~ 255	Word 类型 for F

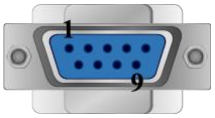
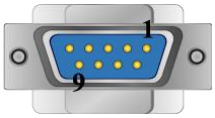
接线图:

以下图表示从连接线的焊接端所视.

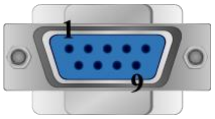
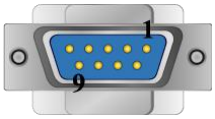
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		CPU Port Cnet I/F RS232 9P D-Sub Male
2 RX	8 RX		7 TX
3 TX	7 TX		4 RX
5 GND	5 GND		5 GND
			

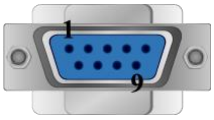
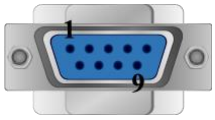
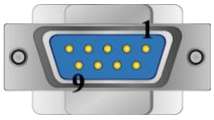
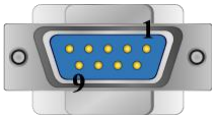
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			CPU Port Cnet I/F RS232 9P D-Sub Male
2 RX			7 TX
3 TX			4 RX
5 GND			5 GND
			

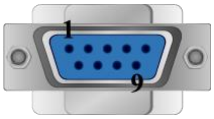
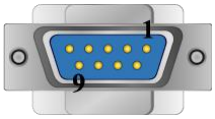
MT8000iE series

COM1 RS232 9P D-Sub Female			CPU Port Cnet I/F RS232 9P D-Sub Male
2 RX			7 TX
3 TX			4 RX
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	CPU Port Cnet I/F RS232 9P D-Sub Male
2 RX	6 RX	8 RX	7 TX
3 TX	4 TX	7 TX	4 RX
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			CPU Port Cnet I/F RS232 9P D-Sub Male
9 RX			7 TX
6 TX			4 RX
5 GND			5 GND
			

欲连接 Cnet 模块，请参考 Cnet 模块文件。

驱动版本:

版本	日期	叙述
V1.00	Apr/19/2010	发布驱动程序
V1.10	May/11/2011	增加 D 位、M 位、F 位、L 位缓存器.

LS MASTER-K CPU Direct

支持系列: LS MASTER-K series: K80S, K120S, K200S, K300S, K1000S, K7M.

网站: http://www.lgis.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	LG MASTER-K CPU Direct		
PLC 界面	RS232	RS232/RS485	
传输速率	38400	9600, 19200, 38400	
校验	None	Even, Odd, None	
数据位	8	8	
停止位	1	1	
PLC 站号	0	0-31	必须符合 PLC 埠的设定

在线仿真	YES	

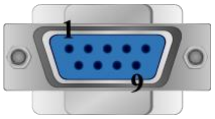
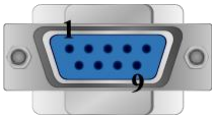
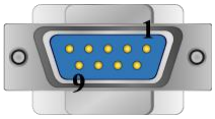
设备类型:

字符/位	设备类型	格式	范围	注释
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B	K	DDDh	0 ~ 255f	维持继电器 (K)
B	M	DDDh	0 ~ 255f	辅助继电器 (M)
B	L	DDDh	0 ~ 255f	连结继电器 (L)
B	F	DDDh	0 ~ 255f	特殊继电器 (F)
B	D_bit	DDDDh	0 ~ 9999f	D_bit
W	TV	DDD	0 ~ 255	定时器目前数值
W	CV	DDD	0 ~ 255	计数器目前数值
W	D	DDDD	0 ~ 9999	数据缓存器 (D)
W	M_word	DDD	0 ~ 255	Word 类型 for M
W	L_word	DDD	0 ~ 255	Word 类型 for L
W	F_word	DDD	0 ~ 255	Word 类型 for F

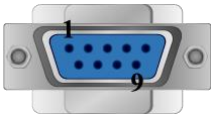
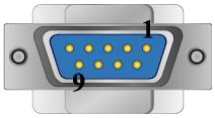
接线图:

以下图表示从连接线的焊接端所视.

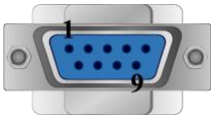
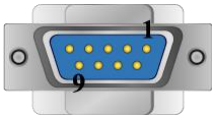
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male
2 RX	8 RX		3 TX
3 TX	7 TX		2 RX
5 GND	5 GND		5 GND
			

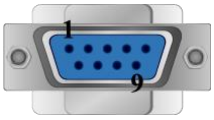
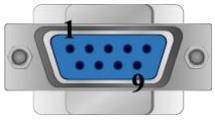
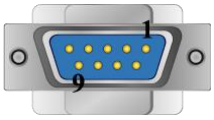
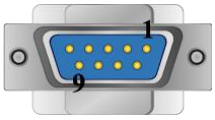
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
2 RX			3 TX
3 TX			2 RX
5 GND			5 GND
			

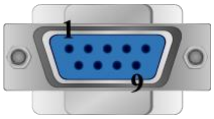
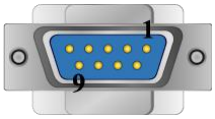
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
2 RX			3 TX
3 TX			2 RX
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male
2 RX	6 RX	8 RX	3 TX
3 TX	4 TX	7 TX	2 RX
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
9 RX			3 TX
6 TX			2 RX
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.20	May/11/2011	新增 D_bit, M_word, F_word, L_word 缓存器.

LS MASTER-K MODBUS RTU

支持系列: LS MASTER-K MODBUS RTU

网站: http://www.lgis.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	LS MASTER-K MODBUS RTU		
PLC 界面	RS485 2W		
传输速率	9600		
校验	Even	Even	
数据位	8	8	
停止位	1	1	
PLC 站号	1		必须符合 PLC 埠的设定

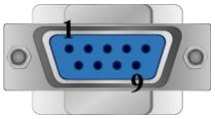
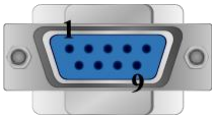
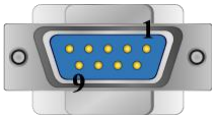
设备类型:

字符/位	设备类型	格式	范围	注释
B	P	DDDDh	0 ~ 9999f	输入/输出继电器 (P)
B	M	DDDDh	0 ~ 9999f	辅助继电器 (M)
B	L	DDDDh	0 ~ 9999f	连结继电器 (L)
B	K	DDDDh	0 ~ 9999f	维持继电器 (K)
B	F	DDDDh	0 ~ 9999f	特殊继电器 (F)
B	D_bit	DDDDh	0 ~ 9999f	
W	T	DDDD	0 ~ 9999	定时器 (T)
W	C	DDDD	0 ~ 9999	计数器 (C)
W	S	DDDD	0 ~ 9999	
W	D	DDDD	0 ~ 9999	数据缓存器 (D)
W	T_double	DDDD	0 ~ 9999	
W	C_double	DDDD	0 ~ 9999	
W	S_double	DDDD	0 ~ 9999	
W	D_double	DDDD	0 ~ 9999	
W	F_word	DDDD	0 ~ 9999	
W	L_word	DDDD	0 ~ 9999	
W	M_word	DDDD	0 ~ 9999	

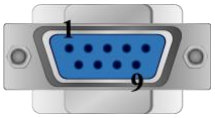
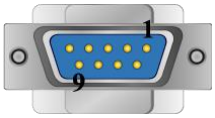
接线图:

以下图表示从连接线的焊接端所视.

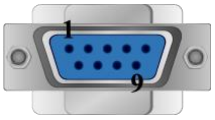
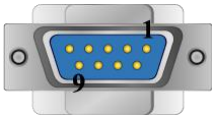
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male
2 RX	8 RX		3 TX
3 TX	7 TX		2 RX
5 GND	5 GND		5 GND
			

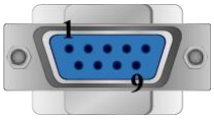
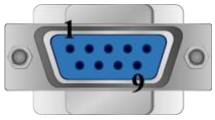
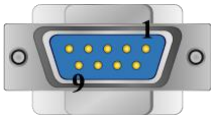
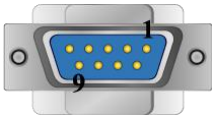
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
2 RX			3 TX
3 TX			2 RX
5 GND			5 GND
			

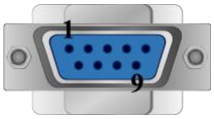
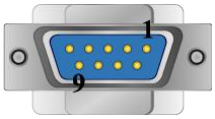
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
2 RX			3 TX
3 TX			2 RX
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male
2 RX	6 RX	8 RX	3 TX
3 TX	4 TX	7 TX	2 RX
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
9 RX			3 TX
6 TX			2 RX
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.10	May/11/2011	新增 D_bit, M_word, F_word, L_word 缓存器

LS MASTER-K10S1

支持系列: LS MASTER-K10S1

网站: http://www.lgis.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	LS MASTER-K10S1		
PLC 界面	RS232	RS232/RS485	
传输速率	9600		
校验	None	None	
数据位	8	8	
停止位	1	1	
PLC 站号	0		

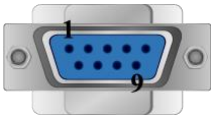
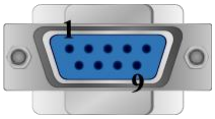
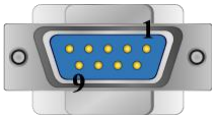
设备类型:

字符/位	设备类型	格式	范围	注释
B	P	DDDh	0 ~ 255f	输入/输出继电器 (P)
B	K	DDDh	0 ~ 255f	维持继电器 (K)
B	M	DDDh	0 ~ 255f	辅助继电器 (M)
B	L	DDDh	0 ~ 255f	连结继电器 (L)
B	F	DDDh	0 ~ 255f	特殊继电器 (F)
B	T	DDD	0 ~ 255	定时器 (T)
B	C	DDD	0 ~ 255	计数器 (C)
W	TV	DDD	0 ~ 255	定时器目前数值
W	CV	DDD	0 ~ 255	计数器目前数值
W	D	DDDD	0 ~ 9999	数据缓存器 (D)

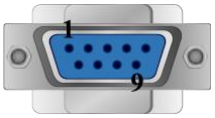
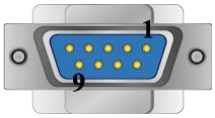
接线图:

以下图表示从连接线的焊接端所视.

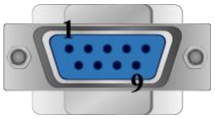
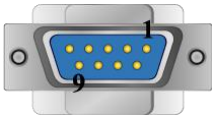
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male
2 RX	8 RX		3 TX
3 TX	7 TX		2 RX
5 GND	5 GND		5 GND
			

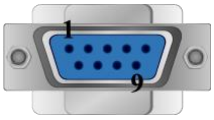
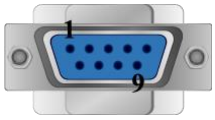
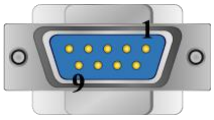
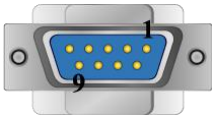
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
2 RX			3 TX
3 TX			2 RX
5 GND			5 GND
			

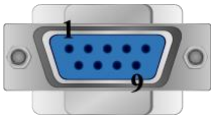
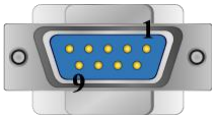
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
2 RX			3 TX
3 TX			2 RX
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male
2 RX	6 RX	8 RX	3 TX
3 TX	4 TX	7 TX	2 RX
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
9 RX			3 TX
6 TX			2 RX
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.00	Sep/08/2009	发布驱动程序

LS XBM/XBC Cnet

支持系列 : LS XGB 系列 XBM/XBC CPU 搭配 XGL-CH2A 通讯模块
网站: http://www.lgis.com/

HMI 設定:

參數設定	推薦	選項	注釋
PLC 類型	LS XBM/XBC Cnet		
PLC 界面	RS232	RS232/RS485	
傳輸速率	115200	9600~115200	
校驗	None	Even, Odd, None	
數據位元	8	7, 8	
停止位元	1	1	
PLC 站号	1	0~31	

设备类型:

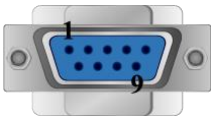
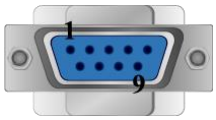
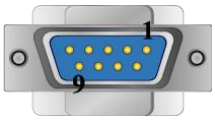
字元/位元	設備類型	格式	範圍	注釋
B	P_Bit	DDDDh	0 ~ 2047f	输入输出装置位
B	M_Bit	DDDDh	0 ~ 2047f	内部装置位
B	L_Bit	DDDDDh	0 ~ 11263f	通讯装置位
B	K_Bit	DDDDh	0 ~ 2559f	保存装置位
B	F_Bit	DDDDh	0 ~ 2047f	特殊装置位(write available from 1025)
B	S_Bit	DDDDD	0 ~ 12799	步进控制位继电器
B	D_Bit	DDDDDh	0 ~ 32767f	数据缓存器_Bit expression (D0000.0)
B	U_Bit	DH.DDh	0.000 ~ 7f.31f	XGK-CPUE : hh(0~1f)
B	T_Bit	DDDD	0 ~ 2047	定时器装置位
B	C_Bit	DDDD	0 ~ 2047	计数器装置位
B	R_Bit	DDDDDh	0 ~ 32767f	
W	P	DDDD	0 ~ 2047	输入输出装置_2,048 points
W	M	DDDD	0 ~ 2047	内部装置_4,096 points
W	L	DDDDD	0 ~ 11263	通讯装置_20,480 points
W	K	DDDD	0 ~ 2559	保存装置_4,096 points
W	F	DDDD	0 ~ 2047	特殊装置_4,096 point
W	S	DDDDD	0 ~ 127	步进控制继电器

字元/位元	設備類型	格式	範圍	注釋
W	D	DDDDD	0 ~ 32767	数据缓存器_5120 words
W	U	DH.DD	0.00 ~ 7f.31	仿真数据缓存器_256 words
W	N	DDDDD	0 ~ 21503	通讯数据缓存器_3,936 words
W	Z	DDD	0 ~ 127	索引缓存器_128 words
W	T	DDDD	0 ~ 2047	定时器目前数值缓存器_256 words
W	C	DDDD	0 ~ 2047	计数器目前数值缓存器_256 words
W	R	DDDDD	0 ~ 32767	

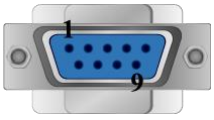
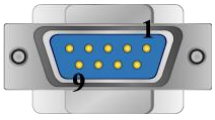
接线图:

以下图表示从连接线的焊接端所视.

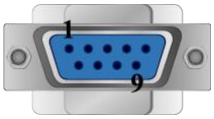
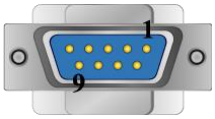
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male
2 RX	8 RX		3 TXD
3 TX	7 TX		2 RXD
5 GND	5 GND		5 GND
			

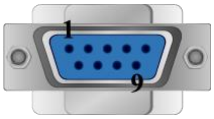
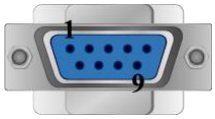
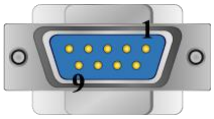
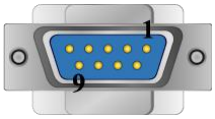
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

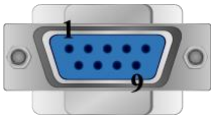
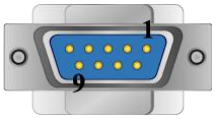
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

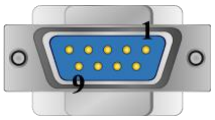
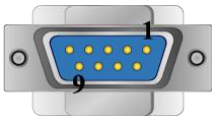
COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male
2 RX	6 RX	8 RX	3 TXD
3 TX	4 TX	7 TX	2 RXD
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

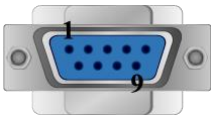
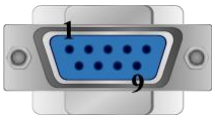
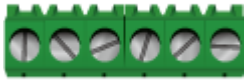
COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
9 RX			3 TXD
6 TX			2 RXD
5 GND			5 GND
			

以下图表示从连接线的焊接端所视.

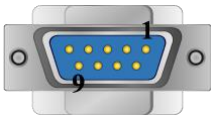
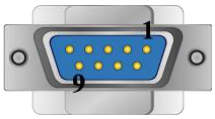
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W Terminal
1 RX-	6 Data-		485-
2 RX+	9 Data+		485+
5 GND	5 GND		GND
			

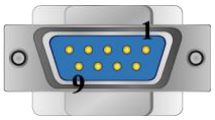
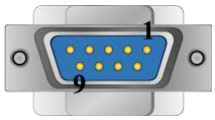
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W Terminal
7 RX-	4 Data-		485-
6 RX+	1 Data+		485+
5 GND	5 GND		GND
			

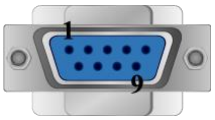
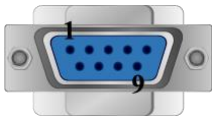
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W Terminal
1 RX-	7 Data-		485-
2 RX+	8 Data+		485+
5 GND	9 GND		GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W Terminal
1 RX-	6 Data-		485-
2 RX+	9 Data+		485+
5 GND	5 GND		GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W Terminal
1 RX-	7 Data-		485-
2 RX+	8 Data+		485+
5 GND	5 GND		GND
			

驱动版本:

版本	日期	叙述
V1.50	Mar/10/2011	新增 P_Bit, M_Bit, L_Bit, K_Bit …等缓存器
V1.70	Jun/28/2012	修改 S_Bit 读写方式
V1.80	Mar/10/2014	新增 R_Bit, R 缓存器

LS XBM/XBC FEnet (Ethernet)

支持系列: LS XGB 系列 XBM/XBC CPU 搭配 XBL-EFMT 网络模块
网站: http://www.lgis.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	LS XBM/XBC FEnet (Ethernet)		
PLC 界面	以太网络		
PLC 站号	0	0~255	
端口	2004		

PLC 设定:

通讯模式	FEnet 协议

设备类型:

字元/位元	設備類型	格式	範圍	注釋
B	P_Bit	DDDDh	0 ~ 2047f	输入输出装置位
B	M_Bit	DDDDh	0 ~ 2047f	内部装置位
B	L_Bit	DDDDDh	0 ~ 11263f	通讯装置位
B	K_Bit	DDDDh	0 ~ 2559f	保存装置位
B	F_Bit	DDDDh	0 ~ 2047f	特殊装置位(1025 以后地址可写)
B	S_Bit	DDDDD	0 ~ 12799	步进控制位继电器
B	D_Bit	DDDDDh	0 ~ 32767f	数据缓存器_Bit expression (D0000.0)
B	U_Bit	DH.DDh	0.000 ~ 7f.31f	XGK-CPUE : hh(0~1f)
B	T_Bit	DDDD	0 ~ 2047	定时器装置位
B	C_Bit	DDDD	0 ~ 2047	计数器装置位
B	R_Bit	DDDDDh	0 ~ 32767f	
W	P	DDDD	0 ~ 2047	输入输出装置_2,048 points
W	M	DDDD	0 ~ 2047	内部装置_4,096 points
W	L	DDDDD	0 ~ 11263	通讯装置_20,480 points
W	K	DDDD	0 ~ 2559	保存装置_4,096 points
W	F	DDDD	0 ~ 2047	特殊装置_4,096 point
W	S	DDDDD	0 ~ 127	步进控制继电器
W	D	DDDDD	0 ~ 32767	数据缓存器_5120 words

字元/位元	設備類型	格式	範圍	注釋
W	U	DH.DD	0.00 ~ 7f.31	仿真数据缓存器_256 words
W	N	DDDDD	0 ~ 21503	通讯数据缓存器_3,936 words
W	Z	DDD	0 ~ 127	索引缓存器_128 words
W	T	DDDD	0 ~ 2047	定时器目前数值缓存器_256 words
W	C	DDDD	0 ~ 2047	计数器目前数值缓存器_256 words
W	R	DDDDD	0 ~ 32767	

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.50	Aug/16/2011	新增 P_Bit, M_Bit, L_Bit, K_Bit …等缓存器
V1.60	Jun/28/2012	修改 S_Bit 读写方式
V1.70	Mar/10/2014	新增 R_Bit, R 缓存器

LS XBM/XBC/XGK CPU DIRECT

支持系列: LS XBM/XBC/XGK CPU RS232 Port.
网站: http://www.lgis.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	LS XBM/XBC/XGK CPU DIRECT		
PLC 界面	RS232	RS232	
传输速率	115200	9600~115200	
校验	None	Even, Odd, None	
数据位	8	7, 8	
停止位	1	1	
PLC 站号	1	1	

设备类型:

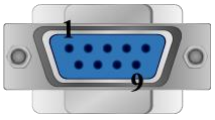
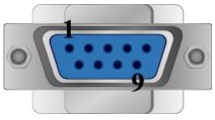
	设备类型	格式	范围	注释
B	P_Bit	DDDDh	0 ~ 2047f	输入输出装置位
B	M_Bit	DDDDh	0 ~ 2047f	内部装置位
B	L_Bit	DDDDDh	0 ~ 11263f	通讯装置位
B	K_Bit	DDDDh	0 ~ 2559f	保存装置位
B	F_Bit	DDDDh	0 ~ 2047f	特殊装置位(1025 后可写入)
B	S_Bit	DDDDD	0 ~ 12799	步进控制位继电器
B	D_Bit	DDDDDh	0 ~ 32767f	数据缓存器_Bit expression
B	U_Bit	DH.DDh	0.000 ~ 3f.31f	XGK-CPUE : hh(0~1f)
B	T_Bit	DDDD	0 ~ 2047	定时器装置位
B	C_Bit	DDDD	0 ~ 2047	计数器装置位
B	R_Bit	DDDDDf	0 ~ 32767f	
W	P	DDDD	0 ~ 2047	输入输出装置
W	M	DDDD	0 ~ 2047	内部装置
W	L	DDDDD	0 ~ 11263	通讯装置
W	K	DDDD	0 ~ 2559	保存装置
W	F	DDDD	0 ~ 2047	特殊装置(1025 后可写入)
W	S	DDDDD	0 ~ 127	步进控制继电器
W	D	DDDDD	0 ~ 32767	数据缓存器
W	U	DH.DD	0.00 ~ 3f.31	仿真数据缓存器 XGK-CPUE :

	设备类型	格式	范围	注释
W	N	DDDDD	0 ~ 21503	通讯数据缓存器
W	Z	DDD	0 ~ 127	索引缓存器_128 words
W	T	DDDD	0 ~ 2047	定时器目前数值缓存器
W	C	DDDD	0 ~ 2047	计数器目前数值缓存器
W	R	DDDDD	0 ~ 32767	
W	ZR	DDDDD	0 ~ 32767	
W	TS	DDDD	0 ~ 2047	Setup value
W	CS	DDDD	0 ~ 2047	Setup value

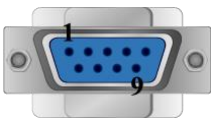
接线图:

以下图表示从连接线的焊接端所视.

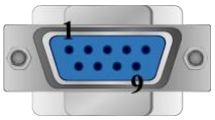
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		XGB RS232 6P Mini-DIN Male
2 RX	8 RX		6 TXD
3 TX	7 TX		2 RXD
5 GND	5 GND		3 GND
			

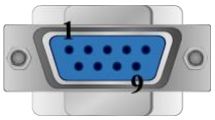
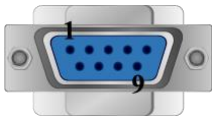
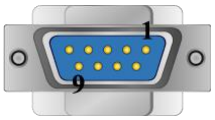
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			XGB RS232 6P Mini-DIN Male
2 RX			6 TXD
3 TX			2 RXD
5 GND			3 GND
			

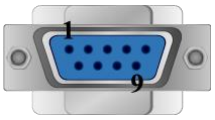
MT8000iE series

COM1 RS232 9P D-Sub Female			XGB RS232 6P Mini-DIN Male
2 RX			6 TXD
3 TX			2 RXD
5 GND			3 GND
			

MT6000/8000 series except MT6050i/MT8050i

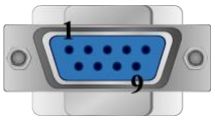
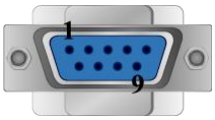
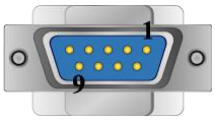
COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	XGB RS232 6P Mini-DIN Male
2 RX	6 RX	8 RX	6 TXD
3 TX	4 TX	7 TX	2 RXD
5 GND	5 GND	5 GND	3 GND
			

MT6050i/MT8050i

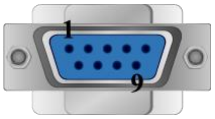
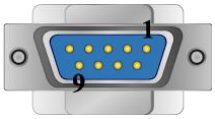
COM1 RS232 9P D-Sub Female			XGB RS232 6P Mini-DIN Male
9 RX			6 TXD
6 TX			2 RXD
5 GND			3 GND
			

以下图表示从连接线的焊接端所视.

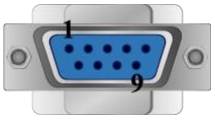
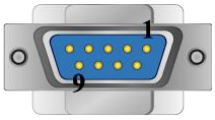
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		XGK RS232 9P D-Sub Male
2 RX	8 RX		3 TXD
3 TX	7 TX		2 RXD
5 GND	5 GND		5 GND
			

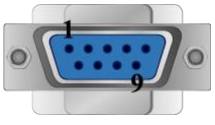
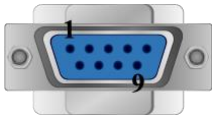
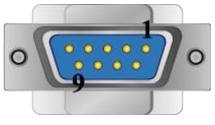
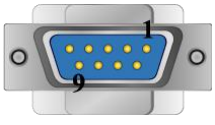
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			XGK RS232 9P D-Sub Male
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

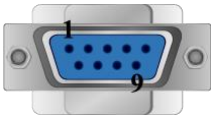
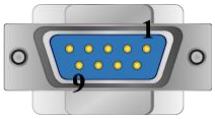
MT8000iE series

COM1 RS232 9P D-Sub Female			XGK RS232 9P D-Sub Male
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	XGK RS232 9P D-Sub Male
2 RX	6 RX	8 RX	3 TXD
3 TX	4 TX	7 TX	2 RXD
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			XGK RS232 9P D-Sub Male
9 RX			3 TXD
6 TX			2 RXD
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.40	Mar/10/2011	新增 P_Bit, M_Bit, L_Bit, K_Bit …等缓存器
V1.60	Jun/18/2012	修改 S_Bit 读写方式
V1.70	Mar/10/2014	新增 R_Bit,

LS XEC Cnet

支持系列 : LS XGB 系列 XEC CPU 搭配 XGL-CH2A 通讯模块
网站: http://www.lgis.com/

HMI 設定:

參數設定	推薦	選項	注釋
PLC 類型	LS XEC Cnet		
PLC 界面	RS232	RS232/RS485	
傳輸速率	115200	9600 ~ 115200	
校驗	None	Even, Odd, None	
數據位元	8	7,8	
停止位元	1	1,2	
PLC 站号	0	0 ~ 255	

设备类型:

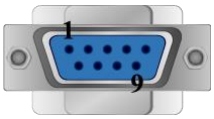
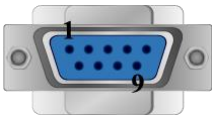
字元/位元	設備類型	格式	範圍	注釋
B	I_Bit	DDD.DD.Dh	0 ~ 127.15.3f	Input device bit
B	Q_Bit	DDD.DD.Dh	0 ~ 127.15.3f	Output device bit
B	U_Bit	DD.DD.DDh	0 ~ 31.15.31f	Analog flag bit
B	A_Bit	DDDDDDh	0 ~ 262143f	Automatic variable bit
B	M_Bit	DDDDDDh	0 ~ 131071f	Direct variable bit
B	R_Bit	DDDDDh	0 ~ 32767f	Direct variable bit
B	W_Bit	DDDDDh	0 ~ 65535f	Direct variable bit
B	F_Bit	DDDDh	0 ~ 2047f	System flag bit
B	K_Bit	DDDDh	0 ~ 8399f	Built-in special flag bit
B	L_Bit	DDDDDh	0 ~ 11263f	High speed link flag bit
B	N_Bit	DDDDDh	0 ~ 25087f	P2P flag bit
B	AX	DDDDDDD	0 ~ 4194303	
B	MX	DDDDDDD	0 ~ 2097151	
B	RX	DDDDDD	0 ~ 524287	
B	WX	DDDDDDD	0 ~ 1048575	
B	FX	DDDDD	0 ~ 32767	
B	KX	DDDDDD	0 ~ 134399	
B	LX	DDDDDDD	0 ~ 1880223	

字元/位元	設備類型	格式	範圍	注釋
B	NX	DDDDDD	0 ~ 401407	
W	A	DDDDDD	0 ~ 262143	Automatic variable
W	I	DDD.DD.D	0 ~ 127.15.3	Input device
W	Q	DDD.DD.D	0 ~ 127.15.3	Output device
W	M	DDDDDD	0 ~ 131071	Direct variable
W	R	DDDDD	0 ~ 32767	Direct variable
W	W	DDDDD	0 ~ 65535	Direct variable
W	F	DDDD	0 ~ 2047	System flag
W	K	DDDD	0 ~ 8399	Built-in special flag
W	L	DDDDD	0 ~ 11263	High speed link flag
W	N	DDDDD	0 ~ 25087	P2P flag
W	U	DD.DD.DD	0 ~ 31.15.31	Analog flag

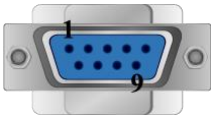
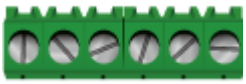
接线图:

以下图表示从连接线的焊接端所视.

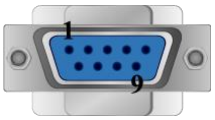
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 Terminal
2 RX	8 RX		TX
3 TX	7 TX		RX
5 GND	5 GND		SG
			

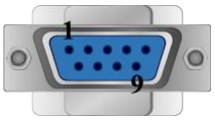
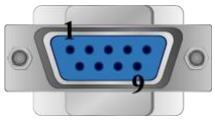
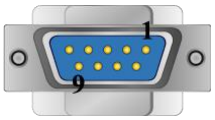
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 Terminal
2 RX			TX
3 TX			RX
5 GND			SG
			

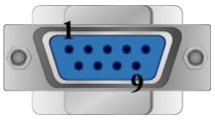
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 Terminal
2 RX			TX
3 TX			RX
5 GND			SG
			

MT6000/8000 series except MT6050i/MT8050i

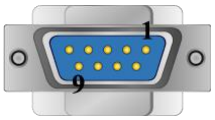
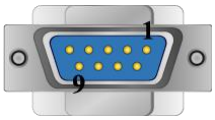
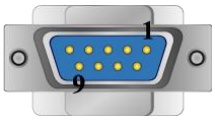
COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 Terminal
2 RX	6 RX	8 RX	TX
3 TX	4 TX	7 TX	RX
5 GND	5 GND	5 GND	SG
			

MT6050i/MT8050i

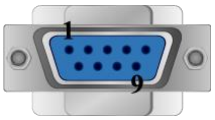
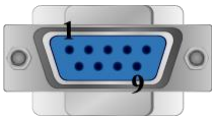
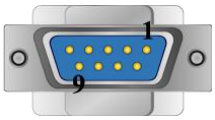
COM1 RS232 9P D-Sub Female			RS232 Terminal
9 RX			TX
6 TX			RX
5 GND			SG
			

以下图表示从连接线的焊接端所视.

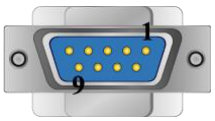
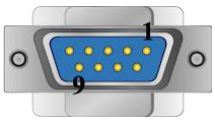
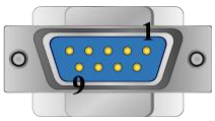
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W Terminal
1 RX-	6 Data-		485-
2 RX+	9 Data+		485+
5 GND	5 GND		GND
			

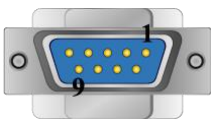
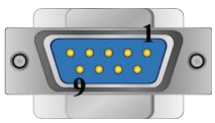
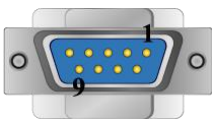
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W Terminal
7 RX-	4 Data-		485-
6 RX+	1 Data+		485+
5 GND	5 GND		GND
			

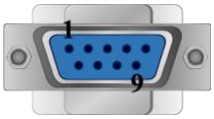
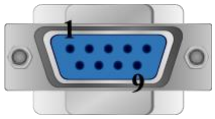
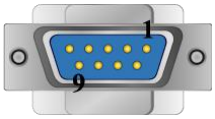
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W Terminal
1 RX-	7 Data-		485-
2 RX+	8 Data+		485+
5 GND	9 GND		GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W Terminal
1 RX-	6 Data-		485-
2 RX+	9 Data+		485+
5 GND	5 GND		GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W Terminal
1 RX-	7 Data-		485-
2 RX+	8 Data+		485+
5 GND	5 GND		GND
			

驱动版本:

版本	日期	叙述
V1.00	Aug/27/2012	发布驱动程序
V1.20	Mar/22/2014	

LS XEC FEnet (Ethernet)

支持系列: LS XGB 系列 XEC CPU 搭配 XGL-EFMT 网络模块
网站: http://www.lgis.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	LS XEC FEnet (Ethernet)		
PLC 界面	以太网络		
端口	2004		

设备类型:

字符/位	设备类型	格式	范围	注释
B	I_Bit	DD.DD.Df	0 ~ 15.15.3f	Input device bit
B	Q_Bit	DD.DD.Df	0 ~ 15.15.3f	Output device bit
B	U_Bit	DD.DD.DDf	0 ~ 31.15.31f	Analog flag bit
B	A_Bit	DDDDDh	0 ~ 16383f	Automatic variable bit
B	M_Bit	DDDDh	0 ~ 8191f	Direct variable bit
B	R_Bit	DDDDDh	0 ~ 10239f	Direct variable bit
B	W_Bit	DDDDDh	0 ~ 10239f	Direct variable bit
B	F_Bit	DDDDh	0 ~ 1023f	System flag bit
B	K_Bit	DDDDh	0 ~ 4095f	Built-in special flag bit
B	L_Bit	DDDDh	0 ~ 2047f	High speed link flag bit
B	N_Bit	DDDDh	0 ~ 5119f	P2P flag bit
W	A	DDDDD	0 ~ 16383	Automatic variable
W	I	DDD.DD.D	0 ~ 15.15.3	Input device
W	Q	DDD.DD.D	0 ~ 15.15.3	Output device
W	M	DDDD	0 ~ 8191	Direct variable
W	R	DDDDD	0 ~ 10239	Direct variable
W	W	DDDDD	0 ~ 10239	Direct variable
W	F	DDDD	0 ~ 1023	System flag
W	K	DDDD	0 ~ 4095	Built-in special flag
W	L	DDDD	0 ~ 2047	High speed link flag
W	N	DDDD	0 ~ 5119	P2P flag
W	U	DD.DD.DD	0 ~ 31.15.31	Analog flag

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

驱动版本:

版本	日期	叙述
V1.00	Aug/28/2012	发布驱动程序
V1.10	Mar/22/2014	

LS XEC/XGI CPU DIRECT

支持系列: LS XEC/XGI CPU RS232 Port.
网站: http://www.lgis.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	LS XEC/XGI CPU DIRECT		
PLC 界面	RS232	RS232	
传输速率	115200	9600~115200	
校验	None	Even, Odd, None	
数据位	8	7, 8	
停止位	1	1	
PLC 站号	1	1	

*于穿透模式下可同时支持 HMI 与 PLC 间的通讯
*于穿透模式下可设定 LW-9903 为 2 来增进上传/下载 PLC 程序的速度

设备类型:

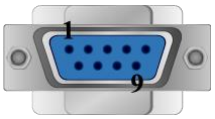
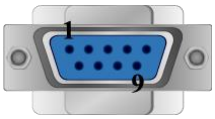
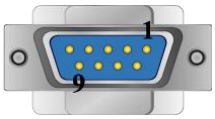
字符/位	设备类型	格式	范围	注释
B	A_Bit	DDDDDDh	0 ~ 262143f	
B	I_Bit	DDD.DD.Dh	0 ~ 127.15.3f	
B	Q_Bit	DDD.DD.Dh	0 ~ 127.15.3f	
B	M_Bit	DDDDDDh	0 ~ 131071f	
B	R_Bit	DDDDDh	0 ~ 32767f	
B	W_Bit	DDDDDh	0 ~ 65535f	
B	F_Bit	DDDDh	0 ~ 2047f	
B	K_Bit	DDDDh	0 ~ 8399f	
B	L_Bit	DDDDDh	0 ~ 11263f	
B	N_Bit	DDDDDh	0 ~ 25087f	
B	U_Bit	DD.DD.DDh	0 ~ 31.15.31f	
W	A	DDDDDD	0 ~ 262143	
W	I	DDD.DD.D	0 ~ 127.15.3	
W	Q	DDD.DD.D	0 ~ 127.15.3	
W	M	DDDDDD	0 ~ 131071	
W	R	DDDDD	0 ~ 32767	
W	W	DDDDD	0 ~ 65535	

字符/位	设备类型	格式	范围	注释
W	F	DDDD	0 ~ 2047	
W	K	DDDD	0 ~ 8399	
W	L	DDDDD	0 ~ 11263	
W	N	DDDDD	0 ~ 25087	
W	U	DD.DD.DD	0 ~ 31.15.31	

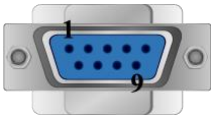
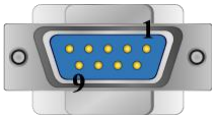
接线图:

以下图表示从连接线的焊接端所视.

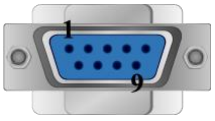
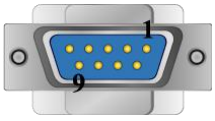
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		XGI CPU RS232 9P D-Sub Male
2 RX	8 RX		3 TXD
3 TX	7 TX		2 RXD
5 GND	5 GND		5 GND
			

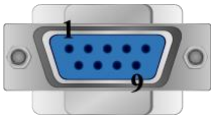
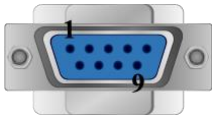
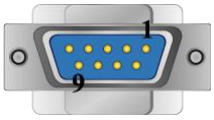
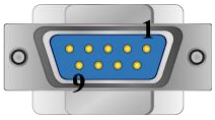
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			XGI CPU RS232 9P D-Sub Male
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

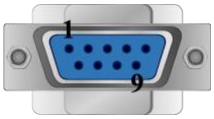
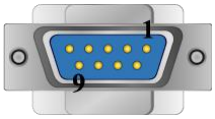
MT8000iE series

COM1 RS232 9P D-Sub Female			XGI CPU RS232 9P D-Sub Male
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	XGI CPU RS232 9P D-Sub Male
2 RX	6 RX	8 RX	3 TXD
3 TX	4 TX	7 TX	2 RXD
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			XGI CPU RS232 9P D-Sub Male
9 RX			3 TXD
6 TX			2 RXD
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.00	May/17/2012	发布驱动程序
V1.10	Mar/22/2014	

LS XGI Cnet

支持系列: LS XGT series XGI CPU 搭配 XGL-CH2A 通讯模块
网站: http://www.lgis.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	LS XGI Cnet		
PLC 界面	RS232	RS232/RS485 4W	
传输速率	115200	9600~115200	
数据位	8	7, 8	
校验	None	Even, Odd, None	
停止位	1	1	
PLC 站号	0	0~255	

设备类型:

字符/位	设备类型	格式	范围	注释
B	A_Bit	DDDDDDh	0 ~ 262143f	
B	I_Bit	DDD.DD.Dh	0 ~ 127.15.3f	
B	Q_Bit	DDD.DD.Dh	0 ~ 127.15.3f	
B	M_Bit	DDDDDDh	0 ~ 131071f	
B	R_Bit	DDDDDh	0 ~ 32767f	
B	W_Bit	DDDDDh	0 ~ 65535f	
B	F_Bit	DDDDh	0 ~ 2047f	
B	K_Bit	DDDDh	0 ~ 8399f	
B	L_Bit	DDDDDh	0 ~ 11263f	
B	N_Bit	DDDDDh	0 ~ 25087f	
B	U_Bit	DD.DD.DDh	0 ~ 31.15.31f	
W	A	DDDDDD	0 ~ 262143	
W	I	DDD.DD.D	0 ~ 127.15.3	
W	Q	DDD.DD.D	0 ~ 127.15.3	
W	M	DDDDDD	0 ~ 131071	
W	R	DDDDD	0 ~ 32767	
W	W	DDDDD	0 ~ 65535	
W	F	DDDD	0 ~ 2047	
W	K	DDDD	0 ~ 8399	

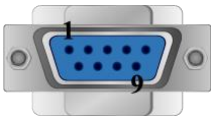
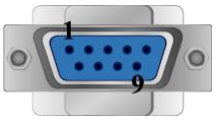
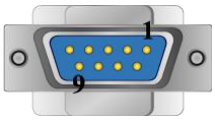
字符/位	设备类型	格式	范围	注释
W	L	DDDDD	0 ~ 11263	
W	N	DDDDD	0 ~ 25087	
W	U	DD.DD.DD	0 ~ 31.15.31	

接线图:

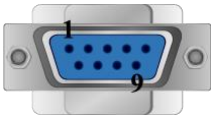
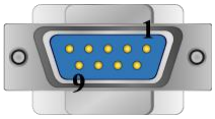
以下图表示从连接线的焊接端所视.

9P D-Sub to 9P D-Sub:

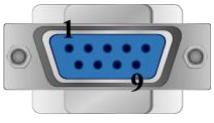
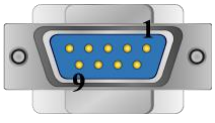
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		XGL-CH2A CH1 RS232 9P D-Sub Male
2 RX	8 RX		3 TXD
3 TX	7 TX		2 RXD
5 GND	5 GND		5 GND
			

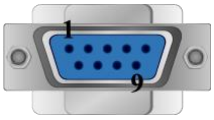
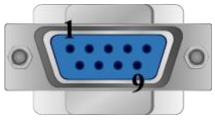
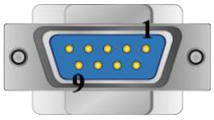
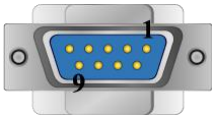
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			XGL-CH2A CH1 RS232 9P D-Sub Male
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

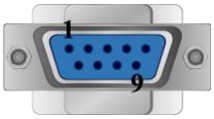
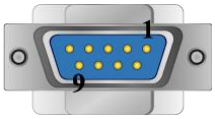
MT8000iE series

COM1 RS232 9P D-Sub Female			XGL-CH2A CH1 RS232 9P D-Sub Male
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	XGL-CH2A CH1 RS232 9P D-Sub Male
2 RX	6 RX	8 RX	3 TXD
3 TX	4 TX	7 TX	2 RXD
5 GND	5 GND	5 GND	5 GND
			

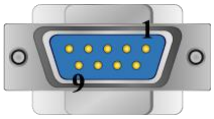
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			XGL-CH2A CH1 RS232 9P D-Sub Male
9 RX			3 TXD
6 TX			2 RXD
5 GND			5 GND
			

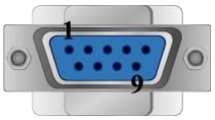
以下图表示从连接线的焊接端所视.

9P D-Sub to Terminals:

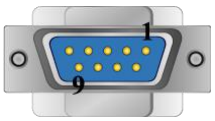
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			XGL-CH2A CH2 5P Terminal
1 RX-			TXD-
2 RX+			TXD+
3 TX-			RXD-
4 TX+			RXD+
5 GND			GND
			

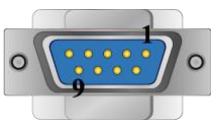
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			XGL-CH2A CH2 5P Terminal
7 RX-			TXD-
6 RX+			TXD+
9 TX-			RXD-
8 TX+			RXD+
5 GND			GND
			

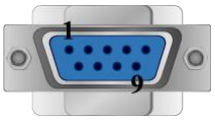
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			XGL-CH2A CH2 5P Terminal
1 RX-			TXD-
2 RX+			TXD+
3 TX-			RXD-
4 TX+			RXD+
5 GND			GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			XGL-CH2A CH2 5P Terminal
1 RX-			TXD-
2 RX+			TXD+
3 TX-			RXD-
4 TX+			RXD+
5 GND			GND
			

MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			XGL-CH2A CH2 5P Terminal
1 RX-			TXD-
2 RX+			TXD+
3 TX-			RXD-
4 TX+			RXD+
5 GND			GND
			

驱动版本:

版本	日期	叙述
V1.00	May /23/2012	发布驱动程序

LS XGI FEnet (Ethernet)

支持系列: LS XGT 系列 XGI CPU 搭配 XGL-EFMT 网络模块.
网站: http://www.lgis.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	LS XGI FEnet (Ethernet)		
PLC 界面	以太网络		
端口	2004		
PLC 站号	0		

设备类型:

字符/位	设备类型	格式	范围	注释
B	A_Bit	DDDDDDh	0 ~ 262143f	
B	I_Bit	DDD.DD.Dh	0 ~ 127.15.3f	
B	Q_Bit	DDD.DD.Dh	0 ~ 127.15.3f	
B	M_Bit	DDDDDDh	0 ~ 131071f	
B	R_Bit	DDDDDh	0 ~ 32767f	
B	W_Bit	DDDDDh	0 ~ 65535f	
B	F_Bit	DDDDh	0 ~ 2047f	
B	K_Bit	DDDDh	0 ~ 8399f	
B	L_Bit	DDDDDh	0 ~ 11263f	
B	N_Bit	DDDDDh	0 ~ 25087f	
B	U_Bit	DD.DD.DDh	0 ~ 31.15.31f	
W	A	DDDDDD	0 ~ 262143	
W	I	DDD.DD.D	0 ~ 127.15.3	
W	Q	DDD.DD.D	0 ~ 127.15.3	
W	M	DDDDDD	0 ~ 131071	
W	R	DDDDD	0 ~ 32767	
W	W	DDDDD	0 ~ 65535	
W	F	DDDD	0 ~ 2047	
W	K	DDDD	0 ~ 8399	
W	L	DDDDD	0 ~ 11263	
W	N	DDDDD	0 ~ 25087	
W	U	DD.DD.DD	0 ~ 31.15.31	

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.00	May/21/2012	发布驱动程序

LS XGK Cnet

支持系列: LS XGT 系列 XGK CPU 搭配 XGL-CH2A 通讯模块

网站: http://www.lgis.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	LS XGK Cnet		
PLC 界面	RS232	RS232/RS485 4W	
传输速率	115200	9600~115200	
校验	None	Even, Odd, None	
数据位	8	7, 8	
停止位	1	1	
PLC 站号	1	0~232	

设备类型:

字符/位	设备类型	格式	范围	注释
B	P_Bit	DDDDh	0 ~ 2047f	输入输出装置位
B	M_Bit	DDDDh	0 ~ 2047f	内部装置位
B	L_Bit	DDDDDh	0 ~ 11263f	通讯装置位
B	K_Bit	DDDDh	0 ~ 2559f	保存装置位
B	F_Bit	DDDDh	0 ~ 2047f	特殊装置位(write available from 1025)
B	S_Bit	DDDDD	0 ~ 12799	步进控制位继电器
B	D_Bit	DDDDDh	0 ~ 32767f	数据缓存器_Bit expression (D0000.0)
B	U_Bit	DH.DDh	0.000 ~ 3f.31f	XGK-CPUE : hh(0~1f)
B	T_Bit	DDDD	0 ~ 2047	定时器装置位
B	C_Bit	DDDD	0 ~ 2047	计数器装置位
W	P	DDDD	0 ~ 2047	输入输出装置
W	M	DDDD	0 ~ 2047	内部装置
W	L	DDDDD	0 ~ 11263	通讯装置
W	K	DDDD	0 ~ 2559	保存装置
W	F	DDDD	0 ~ 2047	特殊装置(write available from 1025)
W	S	DDDDD	0 ~ 127	步进控制继电器
W	D	DDDDD	0 ~ 32767	数据缓存器

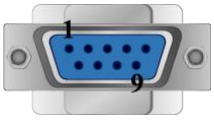
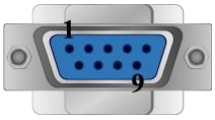
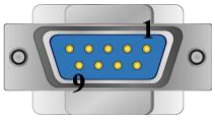
字符/位	设备类型	格式	范围	注释
W	U	DH.DD	0.00 ~ 3f.31	仿真数据缓存器 XGK-CPUE : hh(0~1f)
W	N	DDDDD	0 ~ 21503	通讯数据缓存器
W	Z	DDD	0 ~ 127	索引缓存器_128 words
W	T	DDDD	0 ~ 2047	定时器目前数值缓存器
W	C	DDDD	0 ~ 2047	计数器目前数值缓存器
W	R	DDDDD	0 ~ 32767	
W	ZR	DDDDD	0 ~ 32767	

接线图:

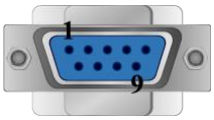
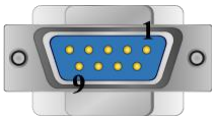
以下图表示从连接线的焊接端所视.

9P D-Sub to 9P D-Sub:

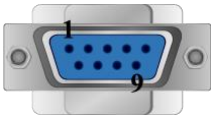
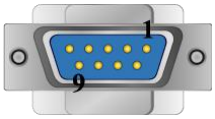
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		XGL-CH2A CH1 RS232 9P D-Sub Male
2 RX	8 RX		3 TXD
3 TX	7 TX		2 RXD
5 GND	5 GND		5 GND
			

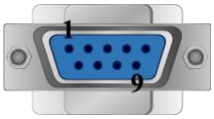
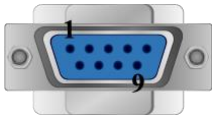
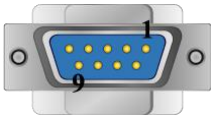
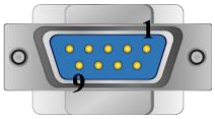
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			XGL-CH2A CH1 RS232 9P D-Sub Male
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

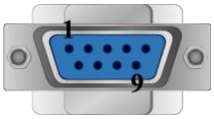
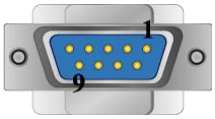
MT8000iE series

COM1 RS232 9P D-Sub Female			XGL-CH2A CH1 RS232 9P D-Sub Male
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	XGL-CH2A CH1 RS232 9P D-Sub Male
2 RX	6 RX	8 RX	3 TXD
3 TX	4 TX	7 TX	2 RXD
5 GND	5 GND	5 GND	5 GND
			

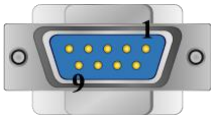
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			XGL-CH2A CH1 RS232 9P D-Sub Male
9 RX			3 TXD
6 TX			2 RXD
5 GND			5 GND
			

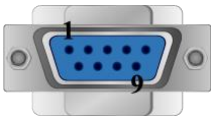
以下图表示从连接线的焊接端所视.

9P D-Sub to Terminals:

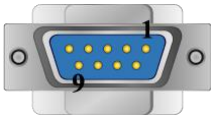
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			XGL-CH2A CH2 5P Terminal
1 RX-			TXD-
2 RX+			TXD+
3 TX-			RXD-
4 TX+			RXD+
5 GND			GND
			

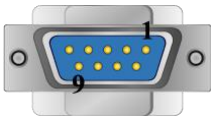
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			XGL-CH2A CH2 5P Terminal
7 RX-			TXD-
6 RX+			TXD+
9 TX-			RXD-
8 TX+			RXD+
5 GND			GND
			

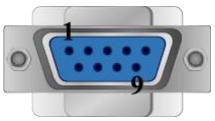
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			XGL-CH2A CH2 5P Terminal
1 RX-			TXD-
2 RX+			TXD+
3 TX-			RXD-
4 TX+			RXD+
5 GND			GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			XGL-CH2A CH2 5P Terminal
1 RX-			TXD-
2 RX+			TXD+
3 TX-			RXD-
4 TX+			RXD+
5 GND			GND
			

MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			XGL-CH2A CH2 5P Terminal
1 RX-			TXD-
2 RX+			TXD+
3 TX-			RXD-
4 TX+			RXD+
5 GND			GND
			

驱动版本:

版本	日期	叙述
V1.30	Mar/10/2011	新增 P_Bit, M_Bit, L_Bit, K_Bit …等缓存器
V1.40	Jun/20/2012	修改 S_Bit 读写方式

LS XGK FEnet (Ethernet)

支持系列: LS XGT 系列 XGK CPU 搭配 XGL-EFMT 网络模块.
网站: http://www.lgis.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	LS XGK FEnet (Ethernet)		
PLC 界面	以太网络		
端口	2004		
PLC 站号	0		

设备类型:

字符/位	设备类型	格式	范围	注释
B	P_Bit	DDDDh	0 ~ 2047f	输入输出装置位
B	M_Bit	DDDDh	0 ~ 2047f	内部装置位
B	L_Bit	DDDDDh	0 ~ 11263f	通讯装置位
B	K_Bit	DDDDh	0 ~ 2559f	保存装置位
B	F_Bit	DDDDh	0 ~ 2047f	特殊装置位(write available from 1025)
B	S_Bit	DDDDD	0 ~ 12799	步进控制位继电器
B	D_Bit	DDDDDh	0 ~ 32767f	数据缓存器_Bit expression (D0000.0)
B	U_Bit	DH.DDh	0.000 ~ 3f.31f	XGK-CPUE : hh(0~1f)
B	T_Bit	DDDD	0 ~ 2047	定时器装置位
B	C_Bit	DDDD	0 ~ 2047	计数器装置位
W	P	DDDD	0 ~ 2047	输入输出装置
W	M	DDDD	0 ~ 2047	内部装置
W	L	DDDDD	0 ~ 11263	通讯装置
W	K	DDDD	0 ~ 2559	保存装置
W	F	DDDD	0 ~ 2047	特殊装置(write available from 1025)
W	S	DDDDD	0 ~ 127	步进控制继电器
W	D	DDDDD	0 ~ 32767	数据缓存器
W	U	DH.DD	0.00 ~ 3f.31	仿真数据缓存器 XGK-CPUE : hh(0~1f)
W	N	DDDDD	0 ~ 21503	通讯数据缓存器
W	Z	DDD	0 ~ 127	索引缓存器_128 words
W	T	DDDD	0 ~ 2047	定时器目前数值缓存器

字符/位	设备类型	格式	范围	注释
W	C	DDDD	0 ~ 2047	计数器目前数值缓存器
W	R	DDDDD	0 ~ 32767	
W	ZR	DDDDD	0 ~ 32767	

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

驱动版本:

版本	日期	叙述
V1.30	Mar/10/2011	新增 P_Bit, M_Bit, L_Bit, K_Bit …等缓存器
V1.40	Jun/19/2012	修改 S_Bit 读写方式

LS Mecapion Metronix AnyPack

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	LS Mecapion Metronix AnyPack		
PLC 界面	RS232		
传输速率	9600		
校验	8		
数据位	None		
停止位	1		
PLC 站号	0		

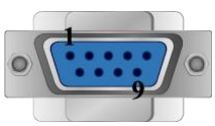
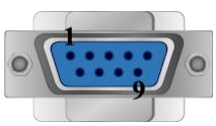
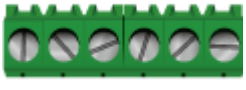
设备类型:

字符/位	设备类型	格式	范围	注释
B	MX_L16bit	DDDDDdd	0 ~ 9999915	MD Low 16bit
B	MX_H16bit	DDDDDdd	0 ~ 9999915	MD High 16bit
DW	MD	DDDD	0 ~ 9999	

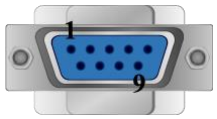
接线图:

以下图表示从连接线的焊接端所视.

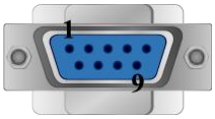
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		PLC RS232 Terminal	
2 RX	8 RX		6 TX	
3 TX	7 TX		5 RX	
5 GND	5 GND		11 GND	circuit
			12 GND	
				

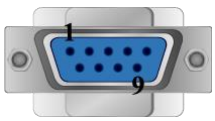
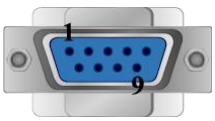
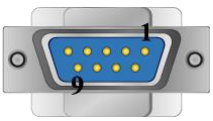
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			PLC RS232 Terminal	
2 RX			6 TX	
3 TX			5 RX	
5 GND			11 GND	circuit
			12 GND	
				

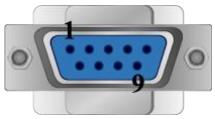
MT8000iE series

COM1 RS232 9P D-Sub Female			PLC RS232 Terminal	
2 RX			6 TX	
3 TX			5 RX	
5 GND			11 GND	circuit
			12 GND	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	PLC RS232 Terminal	
2 RX	6 RX	8 RX	6 TX	
3 TX	4 TX	7 TX	5 RX	
5 GND	5 GND	5 GND	11 GND	circuit
			12 GND	
				

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			PLC RS232 Terminal	
9 RX			6 TX	
6 TX			5 RX	
5 GND			11 GND	circuit
			12 GND	
				

驱动版本:

版本	日期	叙述
V1.00	Jul/1/2008	

Master-Slave Server

为了连接 HMI 和 MT500，MT500 需设定为 Slave。

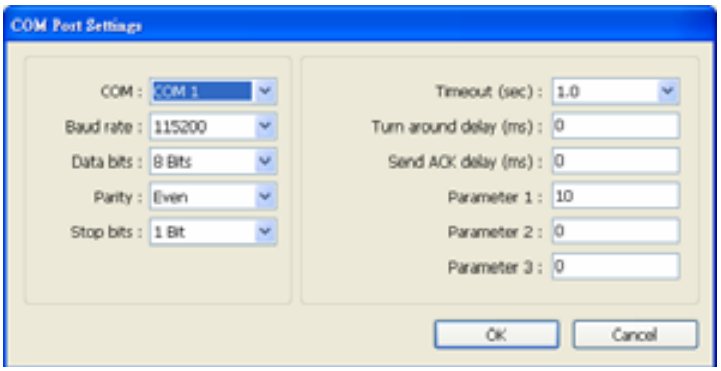
HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Master-Slave Server		
PLC 界面	RS232	RS232/RS485	
传输速率	115200	9600~115200	
校验	8	7,8	
数据位	Even	None,Even,Odd,Mark,Space	
停止位	1	1,2	
HMI 站号	0	0	
PLC 站号	0	0	

MT500 HMI 设定:

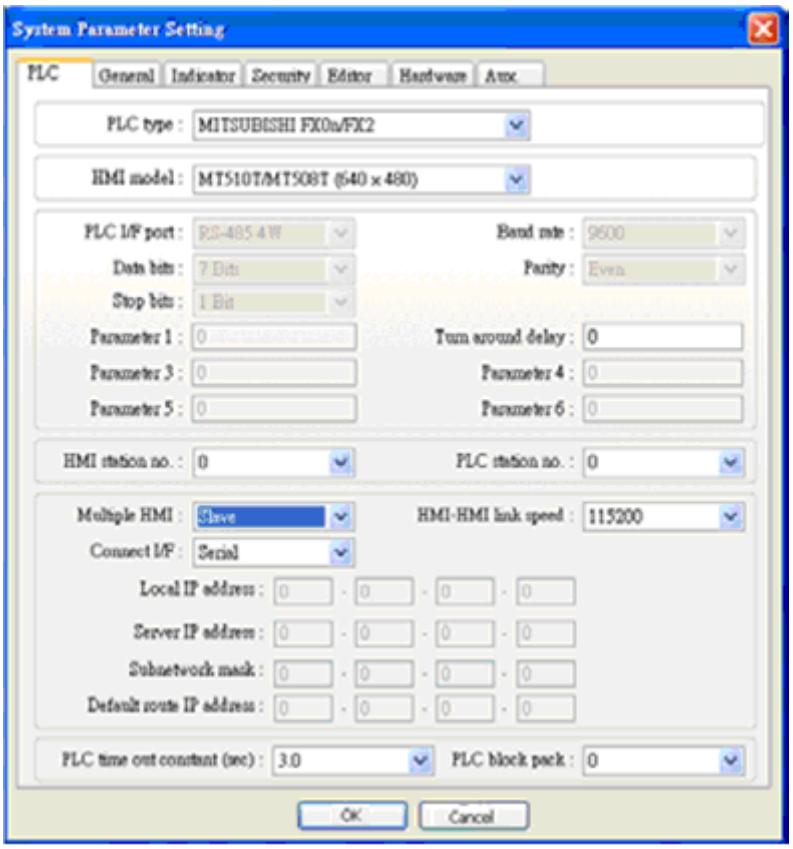
参数设定	推荐	选项	注释
PLC 类型	Master (Master-Slave Protocal)		
PLC 界面	RS232		
传输速率	115200	38400, 115200	
校验	Even		
数据位	8		
停止位	1		
HMI 站号	0		
PLC 站号	0		
参数 1	MT500 PLC ID	利用 PLCAddressView.exe 找出 PLC ID	

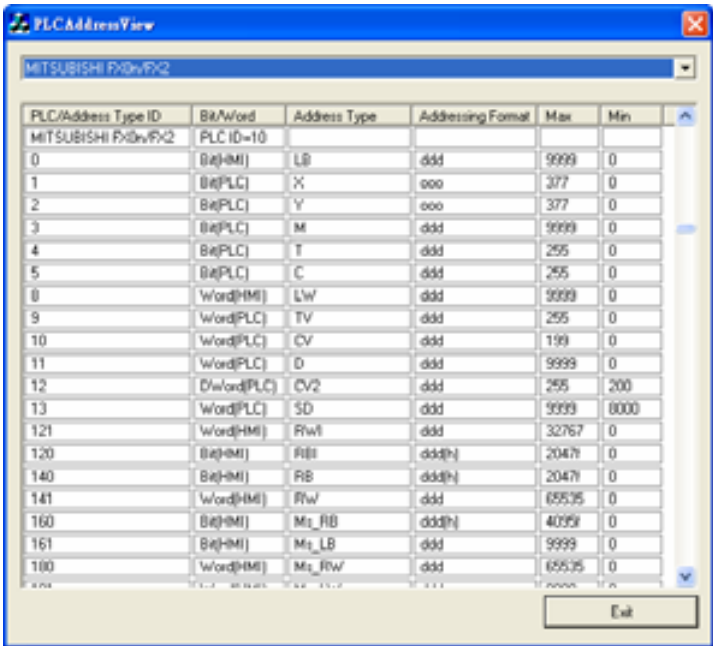
为了连接 HMI 和 MT500，MT500 需设定为 Slave。



PLC 设定:

通讯模式	MT500 Multiple HMI set Slave.





设备类型:

字符/位	MT500	MT8000	范围	注释
B	Ms_RB	RW_Bit	dddd: 0~4095 (h): 0~f	
B	Ms_LB	LB	dddd:0~9999	
W	Ms_RW	RW	ddddd:0~65535	
W	Ms_LW	LW	dddd:0~9999	

驱动版本:

版本	日期	叙述
V1.00	Dec/30/2008	发布驱动程序

MEGMEET MC Series

支持系列: MEGMEET MC Series (Modbus RTU 协议)

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	MEGMEET MC Series		
PLC 界面	RS232		
传输速率	9600	9600, 19200, 115200	
校验	Even	Even, Odd, None	
数据位	8	7 or 8	
停止位	1	1 or 2	
PLC 站号	1	0-255	

PLC 设定:

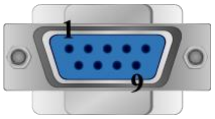
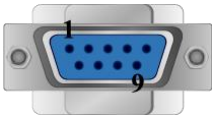
通讯模式	Modbus RTU protocol

设备类型:

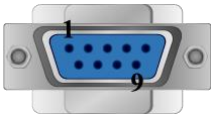
字符/位	设备类型	格式	范围	注释
B	Y	OOO	0 ~ 377	0000-0255
B	X	OOO	0 ~ 377	1200-01455 0000-0255
B	M	DDDD	0 ~ 1999	2000-3999
B	SM	DDD	0~ 255	4400-3999
B	S	DDD	0 ~ 991	6000-6991
B	T	DDD	0 ~ 255	8000-8255
B	C	DDD	0 ~ 255	9200-9455
W	D	DDDD	0 ~ 7999	0000-7999
W	SD	DDD	0 ~ 255	8000-8255
W	Z	DD	0 ~ 15	8500-8515
W	T	DDD	0 ~ 255	9000-9255
W	C	DDD	0 ~ 199	9500-9699
DW	C_Double	DDD	200 ~ 255	9700-9811
DW	D_Double	DDDD	0 ~ 7998	0000-7999

接线图:

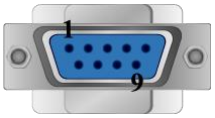
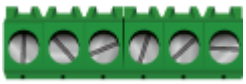
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		MC Series COM1 terminal
2 RX	8 RX		TXD
3 TX	7 TX		RXD
5 GND	5 GND		GND
			

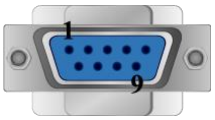
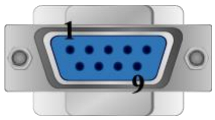
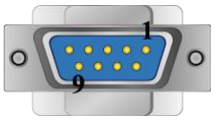
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			MC Series COM1 terminal
2 RX			TXD
3 TX			RXD
5 GND			GND
			

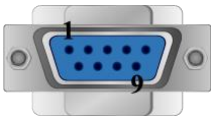
MT8000iE series

COM1 RS232 9P D-Sub Female			MC Series COM1 terminal
2 RX			TXD
3 TX			RXD
5 GND			GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	MC Series COM1 terminal
2 RX	6 RX	8 RX	TXD
3 TX	4 TX	7 TX	RXD
5 GND	5 GND	5 GND	GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			MC Series COM1 terminal
9 RX			TXD
6 TX			RXD
5 GND			GND
			

驱动版本:

版本	日期	叙述
V1.00	Oct/29/2012	发布驱动程序.

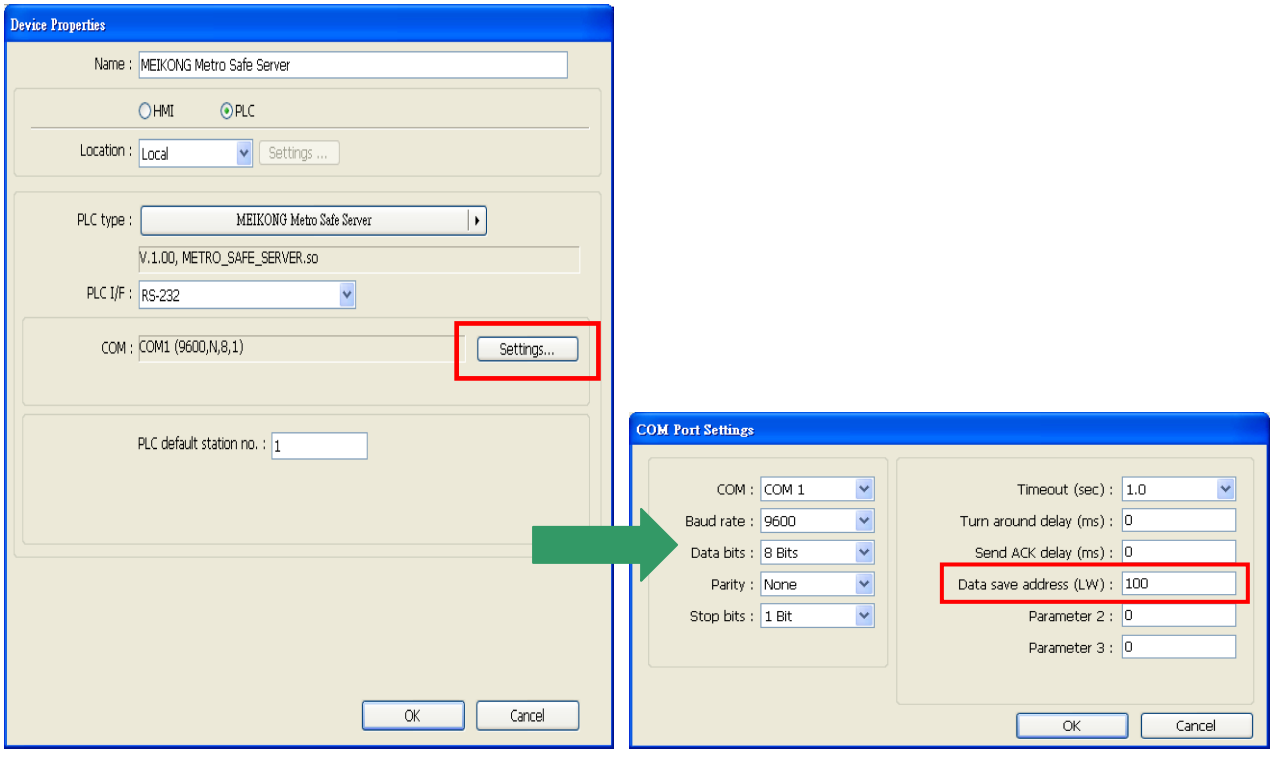
MEIKONG Metro Safe Server

Supported Series: MEIKONG Metro Safe Server
Website: http://www.xiemaowang.com/detail/2079110.html

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	MEIKONG Metro Safe Server		
PLC 界面	RS4852W	RS232/RS485	
传输速率	9600	9600~115200	
校验	None	Even,Odd,None	
数据位	8	7,8	
停止位	1	1,2	
PLC 站号	1	0~252	

开启 COM Port Setting 的设定,读取数据将会存放在的 Data save address(LW)指定地址起始连续 25 个地址,如下图所示,数据将会存放在 LW-100 ~ LW124 中.



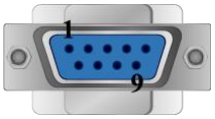
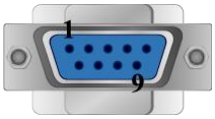
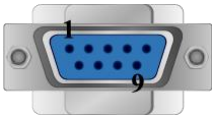
通讯协议:

字节序号	内容说明
0	AA
1	E0
2	C5（前 3 个字节固定，代表一串数据的开头）
3	主机地址（范围 0-252）
4	日期-年十位
5	日期-年个位
6	日期-月十位
7	日期-月个位
8	日期-日十位
9	日期-日个位
10	时间-时十位
11	时间-时个位
12	时间-分十位
13	时间-分个位
14	时间-秒十位
15	时间-秒个位
16	1-手动；2-自动
17	分机台数
18	分机序号
19	分机状态：1-正常；2-预警；3-告警；4-掉线。
20	备电状态：1-电源正常；2-主电欠压；3-备电断路；4-备电短路。
21	00
22	00
23	EE
24	BB（最后四位固定不变，代表一串数据的结束）

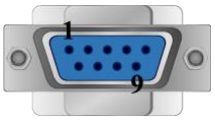
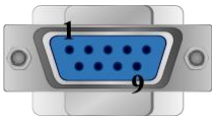
接线图:

RS232

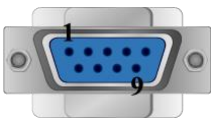
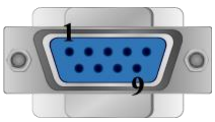
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub FeMale	
2 RX	8 RX		TXD	
3 TX	7 TX		RXD	
5 GND	5 GND		GND	
			RTS	circuit
			CTS	
				

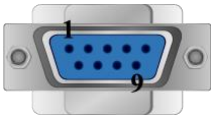
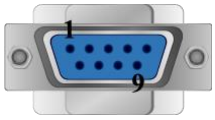
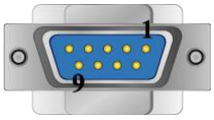
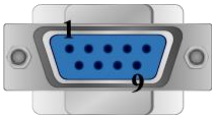
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub FeMale	
2 RX			TXD	
3 TX			RXD	
5 GND			GND	
			RTS	circuit
			CTS	
				

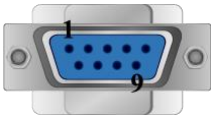
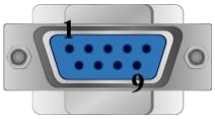
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub FeMale	
2 RX			TXD	
3 TX			RXD	
5 GND			GND	
			RTS	circuit
			CTS	
				

MT6000/8000 series except MT6050i/MT8050i

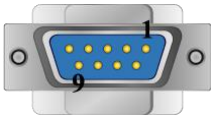
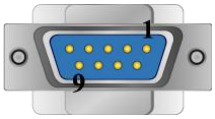
COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub FeMale	
2 RX	6 RX	8 RX	TXD	
3 TX	4 TX	7 TX	RXD	
5 GND	5 GND	5 GND	GND	
			RTS CTS	circuit
				

MT6050i/MT8050i

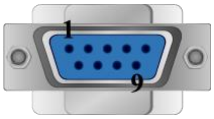
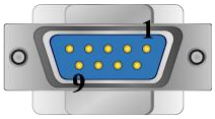
COM1 RS232 9P D-Sub Female			RS232 9P D-Sub FeMale	
9 RX			TXD	
6 TX			RXD	
5 GND			GND	
			RTS CTS	circuit
				

RS485 4W

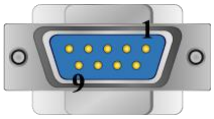
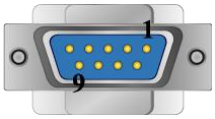
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

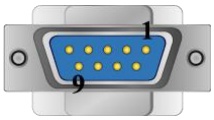
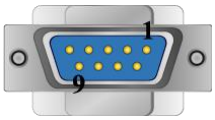
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS485 4W 9P D-Sub Male
7 RX-			TX-
6 RX+			TX+
9 TX-			RX-
8 TX+			RX+
5 GND			GND
			

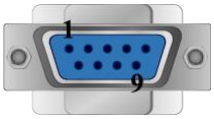
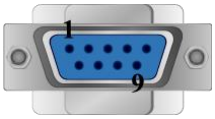
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

MT6000/8000 series except MT6050i/MT8050i

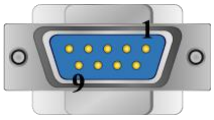
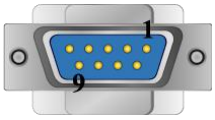
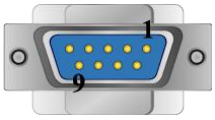
COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

MT6050i/MT8050i

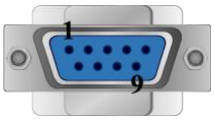
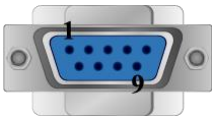
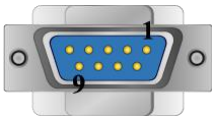
COM1 RS485 4W 9P D-Sub Female			RS485 4W 9P D-Sub Female
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

RS485 2W

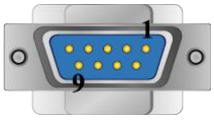
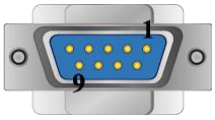
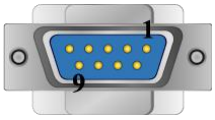
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		GND
			

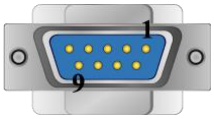
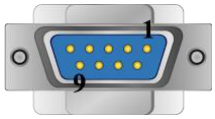
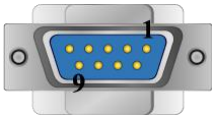
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
7 RX-	4 Data-		D-
6 RX+	1 Data+		D+
5 GND	5 GND		GND
			

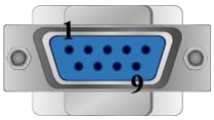
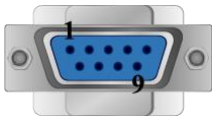
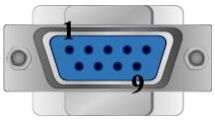
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	9 GND		GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Female
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	5 GND		GND
			

驱动版本:

版本	日期	叙述
V1.00	Oct/24/2012	发布驱动程序.

Memory Map

Memory Map 协议相似于 IBM 3764R 的通讯协议。 EasyBuilder Pro 保存 512 字符的数据用来使用此协议。EasyBuilder Pro 必须更新这些字符，接着再用这些字符去显示数据并且控制部分在屏幕上的状态。当点击动作被确认后，数据会一次全部送出到其他字符，并在此内存内进行更新。 HMI 则总是扮演着更新数据内存的角色 (Data memory)。

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Memory Map		
PLC 界面	RS232	RS232, RS485	RS232 初始值
传输速率	115200	9600~115200	
校验	Even	Even, Odd, None	
数据位	8		
停止位	1		

设备类型:

字符/位	设备类型	格式	范围	注释
B	MB	DDDDh	0 ~ 4095f	
W	MW	DDDD	0 ~ 9999	

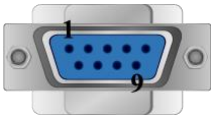
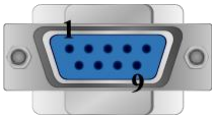
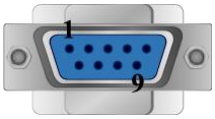
MB 和 MW 皆使用相同的区域来储存数据。

MW 0 = MB 00000 ~ MB 0000f, MW 1 = MB 00010 ~ MB 0001f

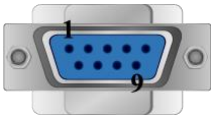
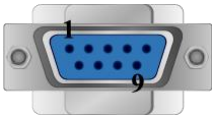
接线图:

以下图表示从连接线的焊接端所视.

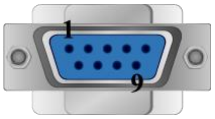
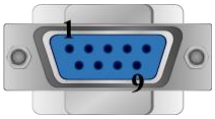
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		HMI COM1 RS232 9P D-Sub Female
2 RX	8 RX		3 TX
3 TX	7 TX		2 RX
5 GND	5 GND		5 GND
			

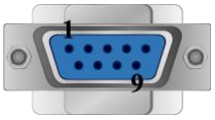
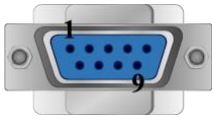
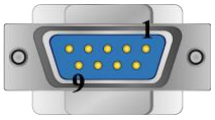
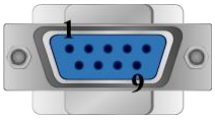
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			HMI COM1 RS232 9P D-Sub Female
2 RX			3 TX
3 TX			2 RX
5 GND			5 GND
			

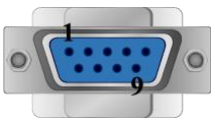
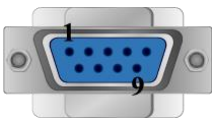
MT8000iE series

COM1 RS232 9P D-Sub Female			HMI COM1 RS232 9P D-Sub Female
2 RX			3 TX
3 TX			2 RX
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

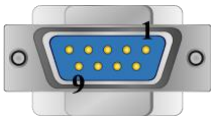
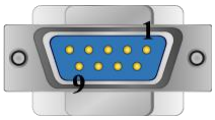
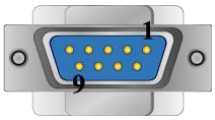
COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	HMI COM1 RS232 9P D-Sub Female
2 RX	6 RX	8 RX	3 TX
3 TX	4 TX	7 TX	2 RX
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

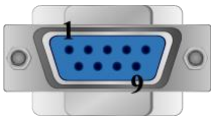
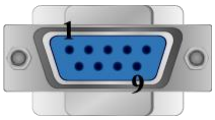
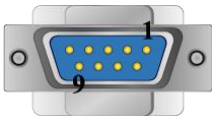
COM1 RS232 9P D-Sub Female			HMI COM1 RS232 9P D-Sub Female
9 RX			3 TX
6 TX			2 RX
5 GND			5 GND
			

以下图表示从连接线的焊接端所视.

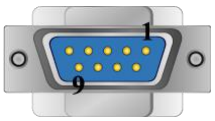
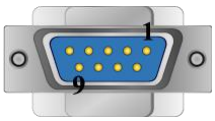
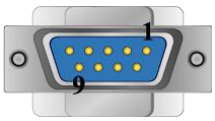
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		HMI COM1 RS485 2W 9P D-Sub Male
1 RX-	6 Data-		1 RX-
2 RX+	9 Data+		2 RX+
5 GND	5 GND		5 GND
			

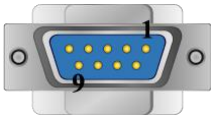
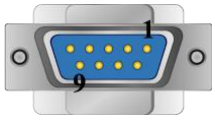
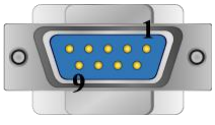
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		HMI COM1 RS485 2W 9P D-Sub Male
7 RX-	4 Data-		1 RX-
6 RX+	1 Data+		2 RX+
5 GND	5 GND		5 GND
			

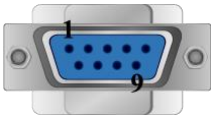
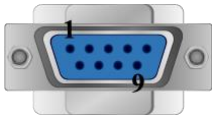
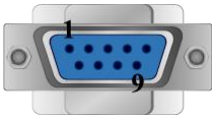
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		HMI COM1 RS485 2W 9P D-Sub Male
1 RX-	7 Data-		1 RX-
2 RX+	8 Data+		2 RX+
5 GND	9 GND		5 GND
			

MT6000/8000 series except MT6050i/MT8050i

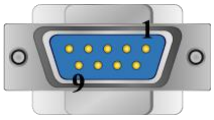
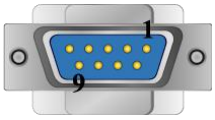
COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		HMI COM1 RS485 2W 9P D-Sub Male
1 RX-	6 Data-		1 RX-
2 RX+	9 Data+		2 RX+
5 GND	5 GND		5 GND
			

MT6050i/MT8050i

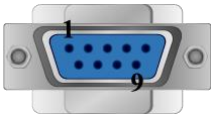
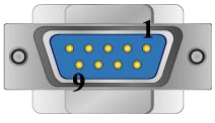
COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		HMI COM1 RS485 2W 9P D-Sub Female
1 RX-	7 Data-		1 RX-
2 RX+	8 Data+		2 RX+
5 GND	5 GND		5 GND
			

以下图表示从连接线的焊接端所视.

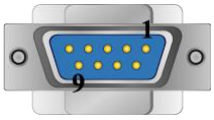
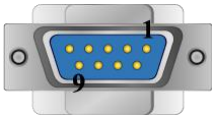
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			HMI COM1 RS485 4W 9P D-Sub Male
1 RX-			3 TX-
2 RX+			4 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			5 GND
			

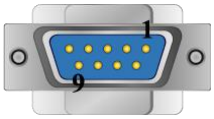
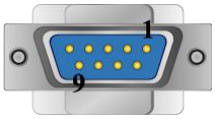
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			HMI COM1 RS485 4W 9P D-Sub Male
7 RX-			3 TX-
6 RX+			4 TX+
9 TX-			1 RX-
8 TX+			2 RX+
5 GND			5 GND
			

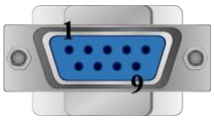
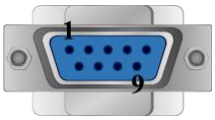
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			HMI COM1 RS485 4W 9P D-Sub Male
1 RX-			3 TX-
2 RX+			4 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			HMI COM1 RS485 4W 9P D-Sub Male
1 RX-			3 TX-
2 RX+			4 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			5 GND
			

MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			HMI COM1 RS485 4W 9P D-Sub Female
1 RX-			3 TX-
2 RX+			4 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			5 GND
			

注意:

欲知道更多有关 Memory map 的信息，请参考用户手册[第 31 章 Memory Map]。

驱动版本:

版本	日期	叙述
V1.00	Mar/19/2009	发布驱动程序

MIKOM MX Series PLC

支持系列: MIKOM MX series 系列 PLC
网站: http://www.mikom.com.cn/

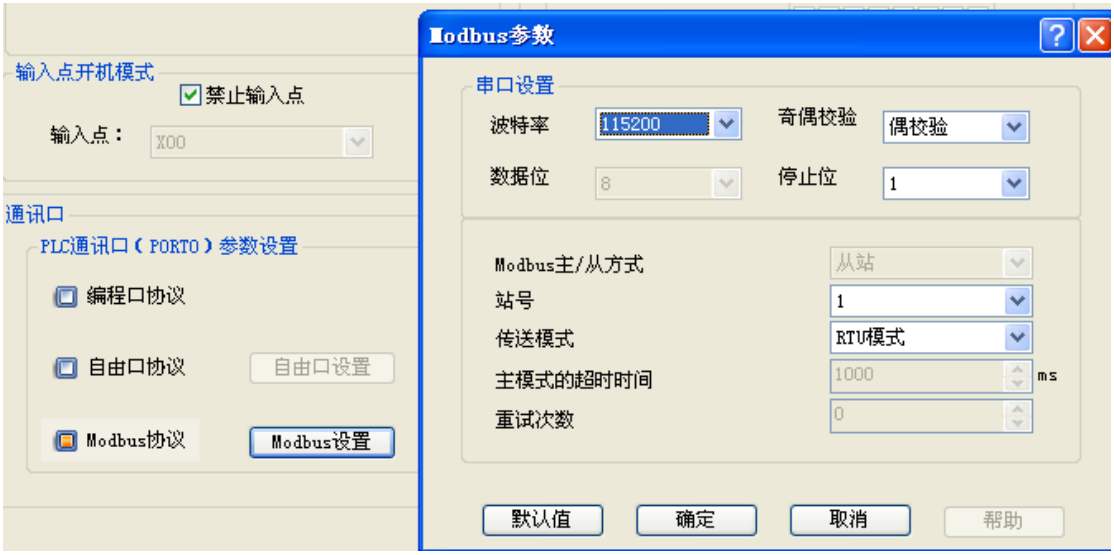
HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	MIKOM MX Series PLC		
PLC 界面	RS232	RS232/485/Ethernet	
传输速率	19200	9600~115200	
校验	Even	None,Even,Odd	
数据位	8	8	
停止位	1	1,2	
PLC 站号	1	0~31	

在线仿真	YES

PLC 设定:

PORT 0(RS232 设定)



PORT 1(RS485 设定)



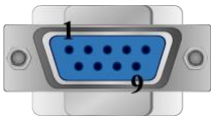
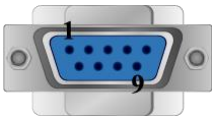
设备类型:

字符/位	设备类型	格式	范围	注释
B	Y	DDD	0~777	输出继电器
B	X	DDD	0~777	输入继电器
B	M	DDDD	0~4095	转助继电器
B	SM	DDD	0-511	特殊辅助继电器
B	S	DDDD	0~1535	步进状态继电器
B	T	DDD	0~511	定时器继电器
B	C	DDD	0~511	计数器继电器
W	D	DDDDD	0~32767	数据缓存器
W	SD	DDD	0~511	特殊数据缓存器
W	Z	DDD	0~255	变址寻址继电器
W	T	DDD	0~511	定时器继电器
W	C	DDD	0~199	计数器继电器
W	U0	DDD	0~199	特殊模块缓存器
W	U1	DDD	0~199	特殊模块缓存器
W	U2	DDD	0~199	特殊模块缓存器
W	U3	DDD	0~199	特殊模块缓存器
W	U4	DDD	0~199	特殊模块缓存器
W	U5	DDD	0~199	特殊模块缓存器
W	U6	DDD	0~199	特殊模块缓存器
W	U7	DDD	0~199	特殊模块缓存器
DW	C-32bit	DDD	200~511	32 位计数器

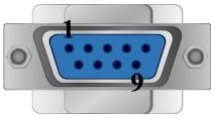
接线图:

以下图表示从连接线的焊接端所视.

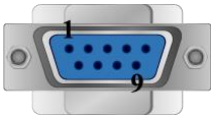
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 8P Mini-DIN Female socket
2 RX	8 RX		3 TX
3 TX	7 TX		2 RX
5 GND	5 GND		5 GND
			

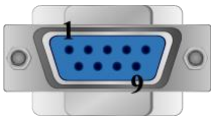
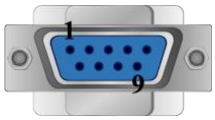
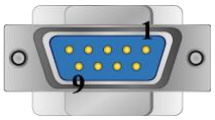
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 8P Mini-DIN Female socket
2 RX			3 TX
3 TX			2 RX
5 GND			5 GND
			

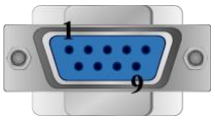
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 8P Mini-DIN Female socket
2 RX			3 TX
3 TX			2 RX
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 8P Mini-DIN Female socket
2 RX	6 RX	8 RX	3 TX
3 TX	4 TX	7 TX	2 RX
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 8P Mini-DIN Female socket
9 RX			3 TX
6 TX			2 RX
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.00	May/3/2012	发布驱动程序

Mitsubishi A1S/A2N

支持系列: Mitsubishi A1S/A2N

网站: http://www.mitsubishi-automation.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Mitsubishi A1S/A2N		
PLC 界面	RS232		
传输速率	9600		
校验	Odd		
数据位	8		
停止位	1		
PLC 站号	0		

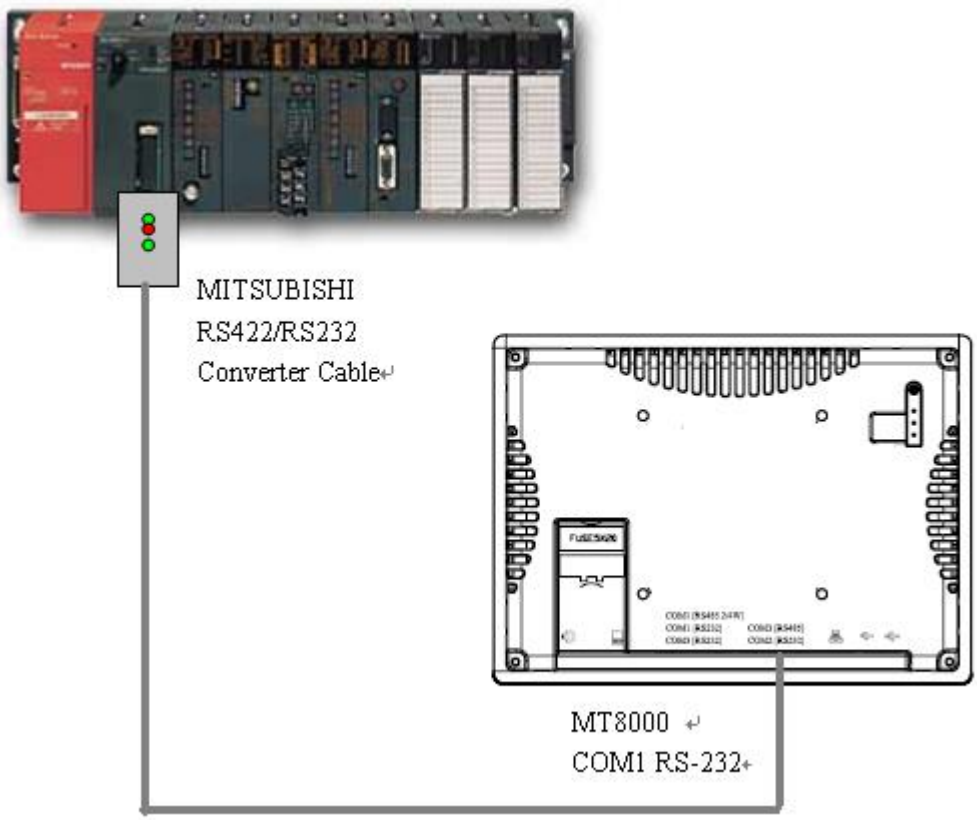
设备类型:

字符/位	设备类型	格式	范围	注释
B	X	HHHH	0 ~ ffff	输入继电器
B	Y	HHHH	0 ~ ffff	输出继电器
B	M	DDDDD	0 ~ 65535	辅助继电器
B	B	HHHH	0 ~ ffff	
B	F	DDDDD	0 ~ 65535	
W	TV	DDDDD	0 ~ 65535	定时器内存
W	CV	DDDDD	0 ~ 65535	计数器内存
W	D	DDDDD	0 ~ 65535	数据缓存器
W	W	HHHH	0 ~ ffff	
W	R	DDDDD	0 ~ 65535	

接线图:

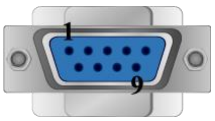
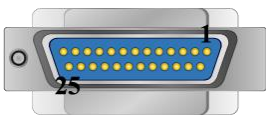
使用 RS422 与 RS232 PLC 编程线(programming cable) (如下图)

MITSUBISHI AnS CPU

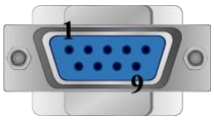
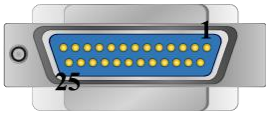


以下图表示从连接线的焊接端所视.

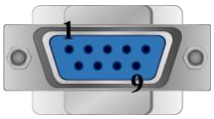
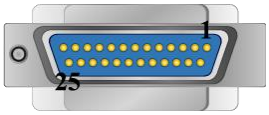
eMT3000 series

COM1 RS232 9P D-Sub Female	PLC Programming Converter		Mitsubishi RS422 25P D-Sub Male
2 RX	TX	TX+	2 RX+
3 TX	RX	RX+	3 TX+
5 GND	GND	DTR+	4 DSR+
7 RTS	CTS	GND	7 GND
8 CTS	RTS	TX-	15 RX-
		RX-	16 TX-
		DTR-	17 DSR-
			

MT8000iE series

COM1 RS232 9P D-Sub Female	PLC Programming Converter		Mitsubishi RS422 25P D-Sub Male
2 RX	TX	TX+	2 RX+
3 TX	RX	RX+	3 TX+
5 GND	GND	DTR+	4 DSR+
7 RTS	CTS	GND	7 GND
8 CTS	RTS	TX-	15 RX-
		RX-	16 TX-
		DTR-	17 DSR-
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	PLC Programming Converter		Mitsubishi RS422 25P D-Sub Male
2 RX	TX	TX+	2 RX+
3 TX	RX	RX+	3 TX+
5 GND	GND	DTR+	4 DSR+
7 RTS	CTS	GND	7 GND
8 CTS	RTS	TX-	15 RX-
		RX-	16 TX-
		DTR-	17 DSR-
			

驱动版本:

版本	日期	叙述
V1.00	Sep/18/2009	发布驱动程序

Mitsubishi A2A/A2U/A2AS/A2USH

支持系列: Mitsubishi A2A,A2U,A2AS,A2USH

网站: http://www.mitsubishi-automation.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Mitsubishi A2A/A2U/A2AS/A2USH		
PLC 界面	RS232		
传输速率	9600		
校验	Odd		
数据位	8		
停止位	1		
PLC 站号	0		

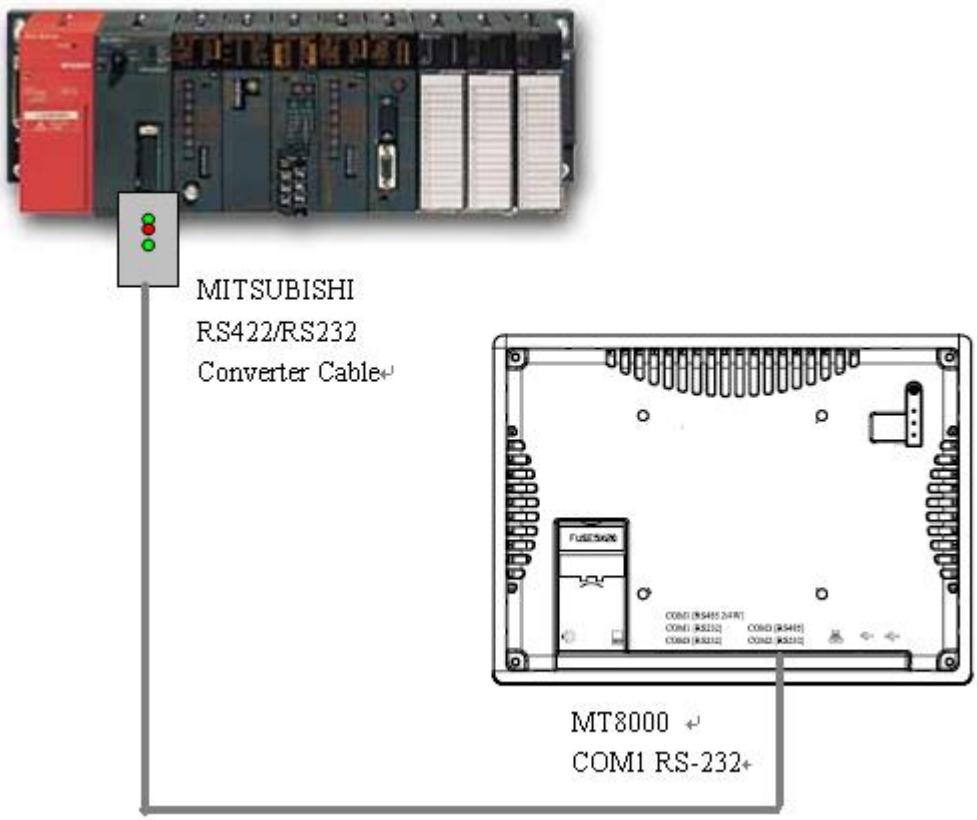
设备类型:

字符/位	设备类型	格式	范围	注释
B	X	HHHH	0 ~ 270f	输入继电器
B	Y	HHHH	0 ~ 270f	输出继电器
B	M	DDDD	0 ~ 9999	辅助继电器
B	B	HHHH	0 ~ ffff	
B	F	DDDDD	0 ~ 65535	
W	TV	DDD	0 ~ 255	定时器内存
W	CV	DDD	0 ~ 255	计数器内存
W	D	DDDD	0 ~ 9999	数据缓存器
W	W	HHHH	0 ~ ffff	
W	R	DDDDD	0 ~ 65535	

接线图:

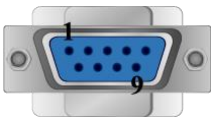
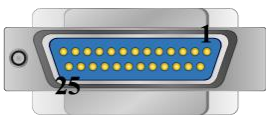
使用 RS422 与 RS232 PLC 编程线(programming cable) (如下图)

MITSUBISHI AnS CPU

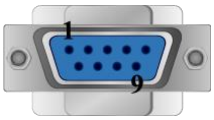
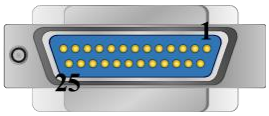


以下图表示从连接线的焊接端所视.

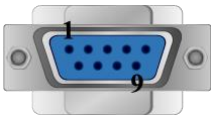
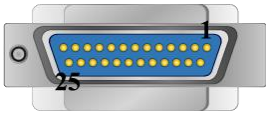
eMT3000 series

COM1 RS232 9P D-Sub Female	PLC Programming Converter		Mitsubishi RS422 25P D-Sub Male
2 RX	TX	TX+	2 RX+
3 TX	RX	RX+	3 TX+
5 GND	GND	DTR+	4 DSR+
7 RTS	CTS	GND	7 GND
8 CTS	RTS	TX-	15 RX-
		RX-	16 TX-
		DTR-	17 DSR-
			

MT8000iE series

COM1 RS232 9P D-Sub Female	PLC Programming Converter		Mitsubishi RS422 25P D-Sub Male
2 RX	TX	TX+	2 RX+
3 TX	RX	RX+	3 TX+
5 GND	GND	DTR+	4 DSR+
7 RTS	CTS	GND	7 GND
8 CTS	RTS	TX-	15 RX-
		RX-	16 TX-
		DTR-	17 DSR-
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	PLC Programming Converter		Mitsubishi RS422 25P D-Sub Male
2 RX	TX	TX+	2 RX+
3 TX	RX	RX+	3 TX+
5 GND	GND	DTR+	4 DSR+
7 RTS	CTS	GND	7 GND
8 CTS	RTS	TX-	15 RX-
		RX-	16 TX-
		DTR-	17 DSR-
			

驱动版本:

版本	日期	叙述
V1.00	Aug/12/2009	发布驱动程序

Mitsubishi A2US

支持系列: Mitsubishi A2US

网站: http://www.mitsubishi-automation.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Mitsubishi A2US		
PLC 界面	RS232		
传输速率	9600		
校验	Odd		
数据位	8		
停止位	1		
PLC 站号	0		

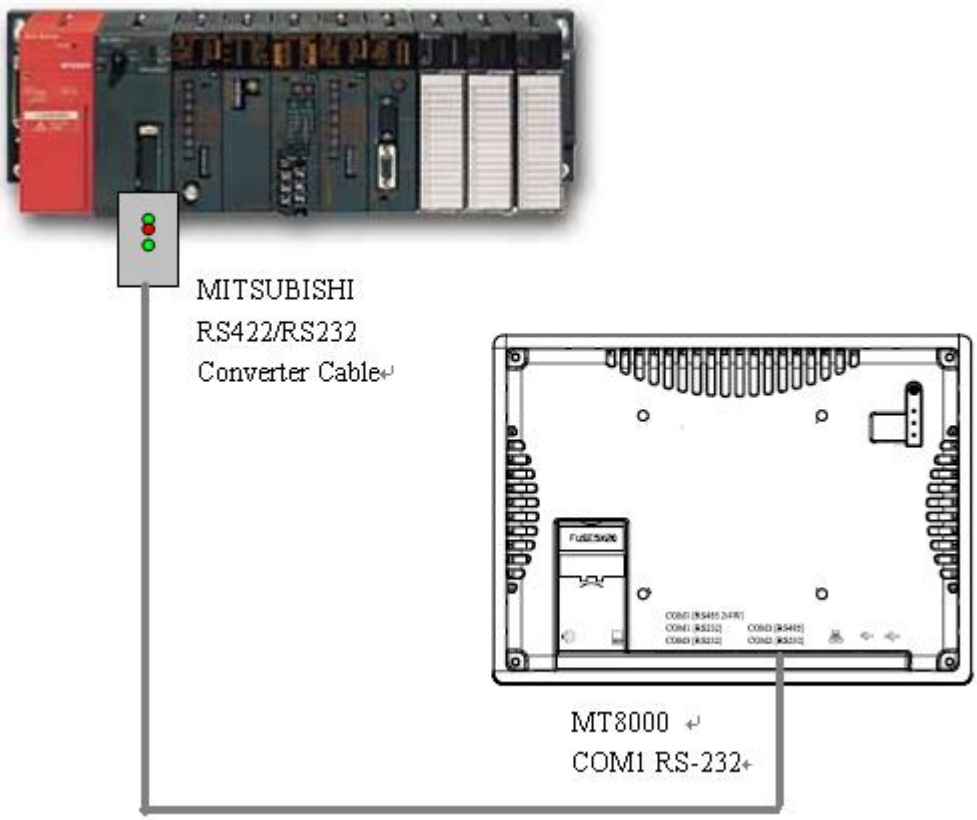
设备类型:

字符/位	设备类型	格式	范围	注释
B	X	HHHH	0 ~ 270f	输入继电器
B	Y	HHHH	0 ~ 270f	输出继电器
B	M	DDDD	0 ~ 9999	辅助继电器
W	TV	DDD	0 ~ 255	定时器内存
W	CV	DDD	0 ~ 255	计数器内存
W	D	DDDD	0 ~ 9999	数据缓存器

接线图:

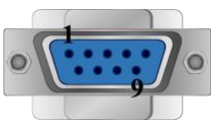
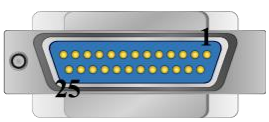
使用 RS422 与 RS232 PLC 编程线(programming cable) (如下图)

MITSUBISHI AnS CPU

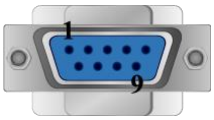
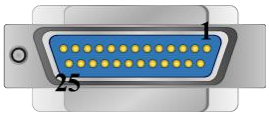


以下图表示从连接线的焊接端所视.

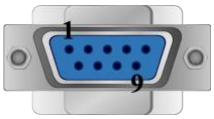
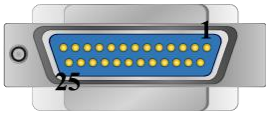
eMT3000 series

COM1 RS232 9P D-Sub Female	PLC Programming Converter		Mitsubishi RS422 25P D-Sub Male
2 RX	TX	TX+	2 RX+
3 TX	RX	RX+	3 TX+
5 GND	GND	DTR+	4 DSR+
7 RTS	CTS	GND	7 GND
8 CTS	RTS	TX-	15 RX-
		RX-	16 TX-
		DTR-	17 DSR-
			

MT8000iE series

COM1 RS232 9P D-Sub Female	PLC Programming Converter		Mitsubishi RS422 25P D-Sub Male
2 RX	TX	TX+	2 RX+
3 TX	RX	RX+	3 TX+
5 GND	GND	DTR+	4 DSR+
7 RTS	CTS	GND	7 GND
8 CTS	RTS	TX-	15 RX-
		RX-	16 TX-
		DTR-	17 DSR-
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	PLC Programming Converter		Mitsubishi RS422 25P D-Sub Male
2 RX	TX	TX+	2 RX+
3 TX	RX	RX+	3 TX+
5 GND	GND	DTR+	4 DSR+
7 RTS	CTS	GND	7 GND
8 CTS	RTS	TX-	15 RX-
		RX-	16 TX-
		DTR-	17 DSR-
			

驱动版本:

版本	日期	叙述
V1.00	Mar/20/2009	发布驱动程序

Mitsubishi A3A/A3N/A1SH/A2SH

支持系列: Mitsubishi A3A,A3N,A1SH,A2SH

网站: http://www.mitsubishi-automation.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Mitsubishi A3A/A3N/A1SH/A2SH		
PLC 界面	RS232		
传输速率	9600		
校验	Odd		
数据位	8		
停止位	1		
PLC 站号	0		

注意: 此驱动器不适用于联机模拟。

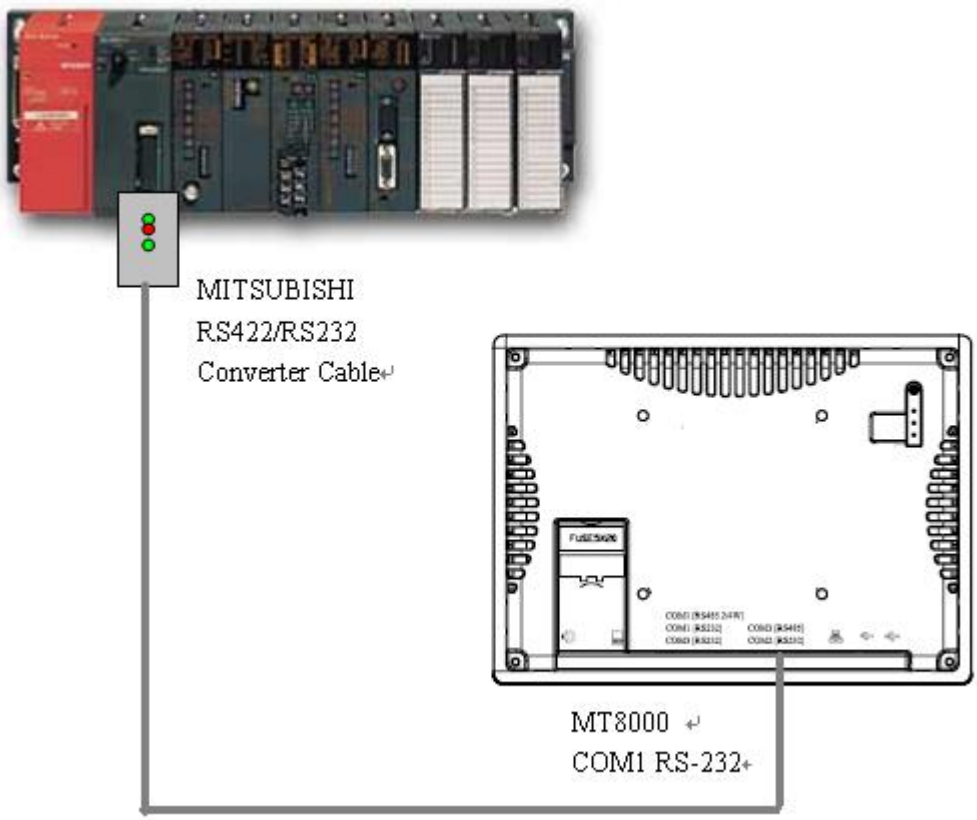
设备类型:

字符/位	设备类型	格式	范围	注释
B	X	HHHH	0 ~ ffff	输入继电器
B	Y	HHHH	0 ~ ffff	输出继电器
B	M	DDDDD	0 ~ 65535	辅助继电器
B	B	HHHH	0 ~ ffff	
B	F	DDDDD	0 ~ 65535	
W	TV	DDDDD	0 ~ 65535	定时器内存
W	CV	DDDDD	0 ~ 65535	计数器内存
W	D	DDDDD	0 ~ 65535	数据缓存器
W	W	HHHH	0 ~ ffff	
W	R	DDDDD	0 ~ 65535	

接线图:

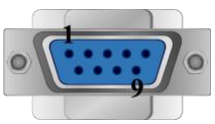
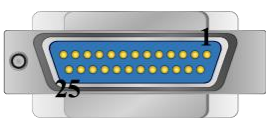
使用 RS422 与 RS232 PLC 编程线(programming cable) (如下图)

MITSUBISHI AnS CPU

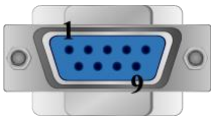
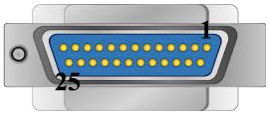


以下图表示从连接线的焊接端所视.

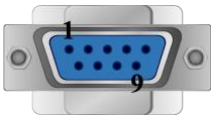
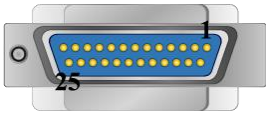
eMT3000 series

COM1 RS232 9P D-Sub Female	PLC Programming Converter		Mitsubishi RS422 25P D-Sub Male
2 RX	TX	TX+	2 RX+
3 TX	RX	RX+	3 TX+
5 GND	GND	DTR+	4 DSR+
7 RTS	CTS	GND	7 GND
8 CTS	RTS	TX-	15 RX-
		RX-	16 TX-
		DTR-	17 DSR-
			

MT8000iE series

COM1 RS232 9P D-Sub Female	PLC Programming Converter		Mitsubishi RS422 25P D-Sub Male
2 RX	TX	TX+	2 RX+
3 TX	RX	RX+	3 TX+
5 GND	GND	DTR+	4 DSR+
7 RTS	CTS	GND	7 GND
8 CTS	RTS	TX-	15 RX-
		RX-	16 TX-
		DTR-	17 DSR-
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	PLC Programming Converter		Mitsubishi RS422 25P D-Sub Male
2 RX	TX	TX+	2 RX+
3 TX	RX	RX+	3 TX+
5 GND	GND	DTR+	4 DSR+
7 RTS	CTS	GND	7 GND
8 CTS	RTS	TX-	15 RX-
		RX-	16 TX-
		DTR-	17 DSR-
			

驱动版本:

版本	日期	叙述
V1.00	Oct/20/2009	发布驱动程序

Mitsubishi AJ71

支持系列: Mitsubishi A series PLC with AJ71C24 communication module using the Computer Link protocol.

网站: http://www.mitsubishi-automation.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Mitsubishi AJ71	Mitsubishi AJ71 (AnA/AnU CPU), Mitsubishi AJ71 (Format 4)	
PLC 界面	RS485 4W	RS485 4W, RS232	
传输速率	19200	9600, 19200	
校验	Even	Even, Odd, None	
数据位	8	8	
停止位	1	1	
PLC 站号	0		

PLC 设定:

通讯模式	计算机连接协议 9600, Even, 8, 1 (默认值)
模式设定转换	格式 1
奇偶校验	不可
和数校验	不可

设备类型:

字符/位	设备类型	格式	范围	注释
B	X	HHHH	0 ~ ffff	输入位
B	Y	HHHH	0 ~ ffff	输出位
B	M	DDDDD	0 ~ 65535	内部继电器
B	L	DDDDD	0 ~ 65535	
B	T	DDDDD	0 ~ 65535	
B	C	DDDDD	0 ~ 65535	
B	B	HHHH	0 ~ ffff	
B	F	DDDDD	0 ~ 65535	

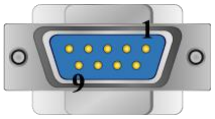
字符/位	设备类型	格式	范围	注释
W	TV	DDDDD	0 ~ 65535	定时器 Preset Value
W	CV	DDDDD	0 ~ 65535	计数器 Preset Value
W	D	DDDDD	0 ~ 65535	数据缓存器
W	W	HHHH	0 ~ ffff	
W	R	DDDDD	0 ~ 65535	

接线图:

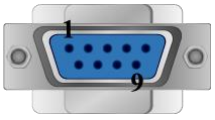
以下图表示从连接线的焊接端所视.

AJ71C24 RS422

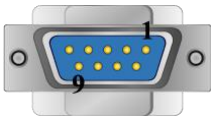
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			AJ71C24 RS422 Terminal
1 RX-			SDB
2 RX+			SDA
3 TX-			RDB
4 TX+			RDA
5 GND			GND
			

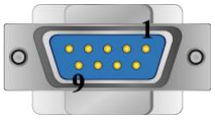
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			AJ71C24 RS422 Terminal
7 RX-			SDB
6 RX+			SDA
9 TX-			RDB
8 TX+			RDA
5 GND			GND
			

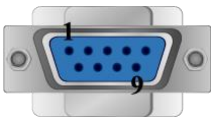
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			AJ71C24 RS422 Terminal
1 RX-			SDB
2 RX+			SDA
3 TX-			RDB
4 TX+			RDA
5 GND			GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			AJ71C24 RS422 Terminal
1 RX-			SDB
2 RX+			SDA
3 TX-			RDB
4 TX+			RDA
5 GND			GND
			

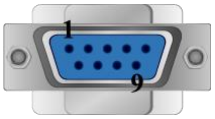
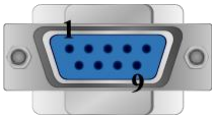
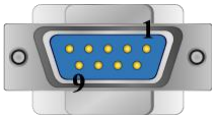
MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			AJ71C24 RS422 Terminal
1 RX-			SDB
2 RX+			SDA
3 TX-			RDB
4 TX+			RDA
5 GND			GND
			

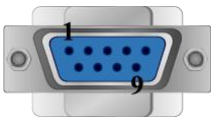
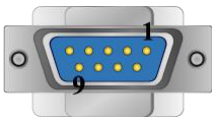
以下图表示从连接线的焊接端所视.

A1SJ71UC24-R2

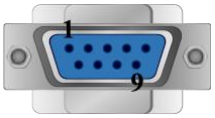
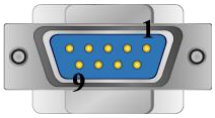
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male	
2 RX	8 RX		3 TXD	
3 TX	7 TX		2 RXD	
5 GND	5 GND		5 GND	
			1 DCD	circuit
			4 DTR	
			6 DSR	
			7 RTS	circuit
			8 CTS	
				

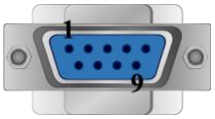
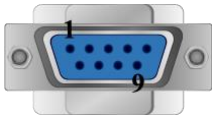
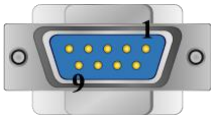
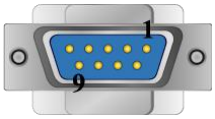
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			1 DCD	circuit
			4 DTR	
			6 DSR	
			7 RTS	circuit
			8 CTS	
				

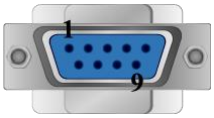
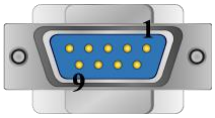
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			1 DCD	
			4 DTR	circuit
			6 DSR	
			7 RTS	
			8 CTS	circuit
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male	
2 RX	6 RX	8 RX	3 TXD	
3 TX	4 TX	7 TX	2 RXD	
5 GND	5 GND	5 GND	5 GND	
			1 DCD	
			4 DTR	circuit
			6 DSR	
			7 RTS	
			8 CTS	circuit
				

MT6050i/MT8050i

<table>
<tr><td>COM1 RS232 9P D-Sub Female</td><td></td><td></td><td colspan="2">RS232 9P D-Sub Male</td></tr>
<tr><td>9 RX</td><td></td><td></td><td colspan="2">3 TXD</td></tr>
<tr><td>6 TX</td><td></td><td></td><td colspan="2">2 RXD</td></tr>
<tr><td>5 GND</td><td></td><td></td><td colspan="2">5 GND</td></tr>
<tr><td colspan="3" rowspan="5"></td><td>1 DCD</td><td rowspan="3">circuit</td></tr>
<tr><td>4 DTR</td></tr>
<tr><td>6 DSR</td></tr>
<tr><td>7 RTS</td><td rowspan="2">circuit</td></tr>
<tr><td>8 CTS</td></tr>
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驱动版本:

版本	日期	叙述
V1.60	Nov/30/2012	

Mitsubishi AJ71 (AnA/AnU CPU)

支持系列: Mitsubishi AJ71 (AnA/AnU CPU)
网站: http://www.mitsubishi-automation.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Mitsubishi AJ71 (AnA/AnU CPU)		
PLC 界面	RS485 4W	RS485 4W, RS232	
传输速率	19200	9600, 19200	
校验	Even	Even, Odd, None	
数据位	8	8	
停止位	1	1	
PLC 站号	0		

PLC 设定:

通讯模式	计算机连接协议 9600, Even, 8, 1 (默认值)
模式设定转换	格式 1
奇偶校验	不可
和数校验	不可

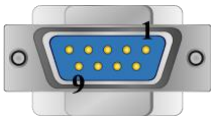
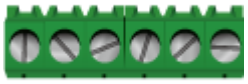
设备类型:

字符/位	设备类型	格式	范围	注释
B	X	HHHH	0 ~ ffff	输入位
B	Y	HHHH	0 ~ ffff	输出位
B	M	DDDDD	0 ~ 65535	内部继电器
B	T	DDDDD	0 ~ 65535	
B	C	DDDDD	0 ~ 65535	
B	B	HHHH	0 ~ ffff	
B	F	DDDDD	0 ~ 65535	
B	L	DDDDD	0 ~ 65535	
W	TV	DDDDD	0 ~ 65535	定时器 Preset Value
W	CV	DDDDD	0 ~ 65535	计数器 Preset Value
W	D	DDDDD	0 ~ 65535	数据缓存器
W	W	HHHH	0 ~ ffff	
W	R	DDDDD	0 ~ 65535	

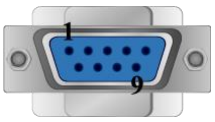
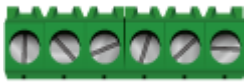
接线图:

以下图表示从连接线的焊接端所视.

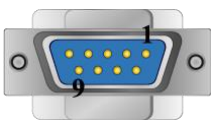
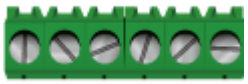
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS422 Terminal
1 RX-			SDB
2 RX+			SDA
3 TX-			RDB
4 TX+			RDA
5 GND			GND
			

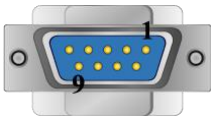
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS422 Terminal
7 RX-			SDB
6 RX+			SDA
9 TX-			RDB
8 TX+			RDA
5 GND			GND
			

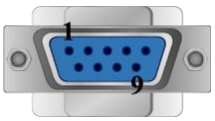
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS422 Terminal
1 RX-			SDB
2 RX+			SDA
3 TX-			RDB
4 TX+			RDA
5 GND			GND
			

MT6000/8000 series except MT6050i/MT8050i

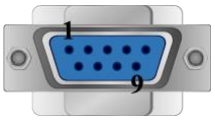
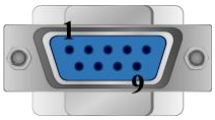
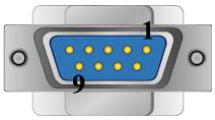
COM1 RS485 4W 9P D-Sub Male			RS422 Terminal
1 RX-			SDB
2 RX+			SDA
3 TX-			RDB
4 TX+			RDA
5 GND			GND
			

MT6050i/MT8050i

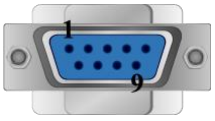
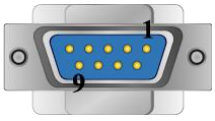
COM1 RS485 4W 9P D-Sub Female			RS422 Terminal
1 RX-			SDB
2 RX+			SDA
3 TX-			RDB
4 TX+			RDA
5 GND			GND
			

以下图表示从连接线的焊接端所视.

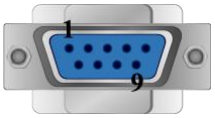
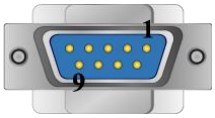
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male	
2 RX	8 RX		3 TXD	
3 TX	7 TX		2 RXD	
5 GND	5 GND		5 GND	
			1 DCD	circuit
			4 DTR	
			6 DSR	
			7 RTS	circuit
			8 CTS	
				

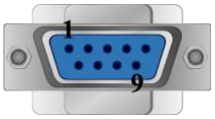
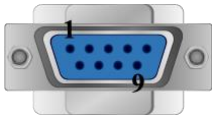
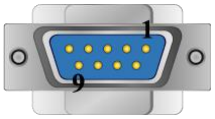
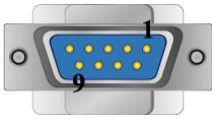
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			1 DCD	circuit
			4 DTR	
			6 DSR	
			7 RTS	circuit
			8 CTS	
				

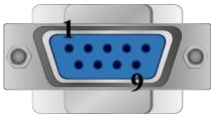
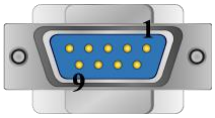
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			1 DCD	
			4 DTR	circuit
			6 DSR	
			7 RTS	
			8 CTS	circuit
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male	
2 RX	6 RX	8 RX	3 TXD	
3 TX	4 TX	7 TX	2 RXD	
5 GND	5 GND	5 GND	5 GND	
			1 DCD	
			4 DTR	circuit
			6 DSR	
			7 RTS	
			8 CTS	circuit
				

MT6050i/MT8050i

<table>
<tr><td>COM1 RS232 9P D-Sub Female</td><td></td><td></td><td colspan="2">RS232 9P D-Sub Male</td></tr>
<tr><td>9 RX</td><td></td><td></td><td colspan="2">3 TXD</td></tr>
<tr><td>6 TX</td><td></td><td></td><td colspan="2">2 RXD</td></tr>
<tr><td>5 GND</td><td></td><td></td><td colspan="2">5 GND</td></tr>
<tr><td colspan="3" rowspan="5"></td><td>1 DCD</td><td rowspan="3">circuit</td></tr>
<tr><td>4 DTR</td></tr>
<tr><td>6 DSR</td></tr>
<tr><td>7 RTS</td><td rowspan="2">circuit</td></tr>
<tr><td>8 CTS</td></tr>
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驱动版本:

版本	日期	叙述
V1.00	Oct/31/2011	发布驱动程序.

Mitsubishi AJ71 (Format 4)

支持系列: Mitsubishi A series PLC with AJ71C24 communication module using the Computer Link protocol.
网站: http://www.mitsubishi-automation.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Mitsubishi AJ71 (Format 4)		
PLC 界面	RS485 4W	RS485 4W, RS232	
传输速率	19200	9600, 19200	
校验	Even	Even, Odd, None	
数据位	8	8	
停止位	1	1	
PLC 站号	0		

PLC 设定:

通讯模式	计算机连接协议 9600, Even, 8, 1 (默认值)
模式设定转换	格式 4
奇偶校验	不可
和数校验	不可

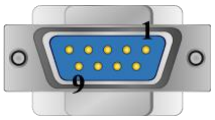
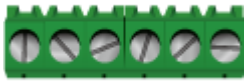
设备类型:

字符/位	设备类型	格式	范围	注释
B	X	HHHH	0 ~ ffff	输入位
B	Y	HHHH	0 ~ ffff	输出位
B	M	DDDDD	0 ~ 65535	内部继电器
B	T	DDDDD	0 ~ 65535	
B	C	DDDDD	0 ~ 65535	
B	B	HHHH	0 ~ ffff	
B	F	DDDDD	0 ~ 65535	
W	TV	DDDDD	0 ~ 65535	定时器 Preset Value
W	CV	DDDDD	0 ~ 65535	计数器 Preset Value
W	D	DDDDD	0 ~ 65535	数据缓存器
W	W	HHHH	0 ~ ffff	
W	R	DDDDD	0 ~ 65535	

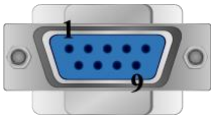
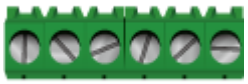
接线图:

以下图表示从连接线的焊接端所视.

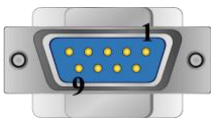
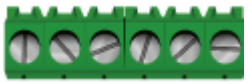
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			AJ71C24 RS422 Terminal
1 RX-			SDB
2 RX+			SDA
3 TX-			RDB
4 TX+			RDA
5 GND			GND
			

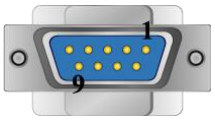
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			AJ71C24 RS422 Terminal
7 RX-			SDB
6 RX+			SDA
9 TX-			RDB
8 TX+			RDA
5 GND			GND
			

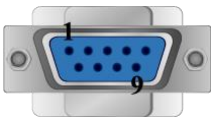
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			AJ71C24 RS422 Terminal
1 RX-			SDB
2 RX+			SDA
3 TX-			RDB
4 TX+			RDA
5 GND			GND
			

MT6000/8000 series except MT6050i/MT8050i

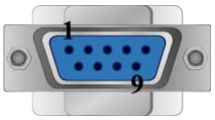
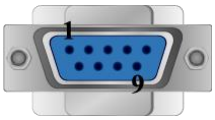
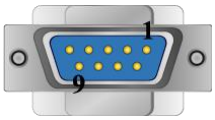
COM1 RS485 4W 9P D-Sub Male			AJ71C24 RS422 Terminal
1 RX-			SDB
2 RX+			SDA
3 TX-			RDB
4 TX+			RDA
5 GND			GND
			

MT6050i/MT8050i

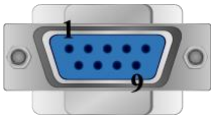
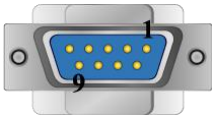
COM1 RS485 4W 9P D-Sub Female			AJ71C24 RS422 Terminal
1 RX-			SDB
2 RX+			SDA
3 TX-			RDB
4 TX+			RDA
5 GND			GND
			

以下图表示从连接线的焊接端所视.

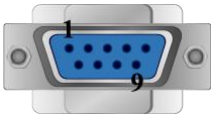
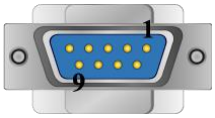
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male	
2 RX	8 RX		3 TXD	
3 TX	7 TX		2 RXD	
5 GND	5 GND		5 GND	
			1 DCD	circuit
			4 DTR	
			6 DSR	
			7 RTS	circuit
			8 CTS	
				

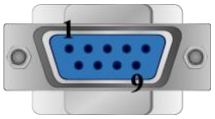
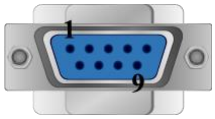
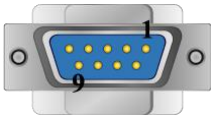
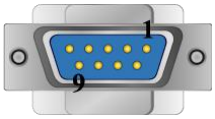
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			1 DCD	circuit
			4 DTR	
			6 DSR	
			7 RTS	circuit
			8 CTS	
				

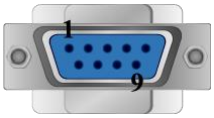
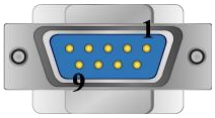
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			1 DCD	
			4 DTR	circuit
			6 DSR	
			7 RTS	
			8 CTS	circuit
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male	
2 RX	6 RX	8 RX	3 TXD	
3 TX	4 TX	7 TX	2 RXD	
5 GND	5 GND	5 GND	5 GND	
			1 DCD	
			4 DTR	circuit
			6 DSR	
			7 RTS	
			8 CTS	circuit
				

MT6050i/MT8050i

<table>
<tr><td>COM1 RS232 9P D-Sub Female</td><td></td><td></td><td colspan="2">RS232 9P D-Sub Male</td></tr>
<tr><td>9 RX</td><td></td><td></td><td colspan="2">3 TXD</td></tr>
<tr><td>6 TX</td><td></td><td></td><td colspan="2">2 RXD</td></tr>
<tr><td>5 GND</td><td></td><td></td><td colspan="2">5 GND</td></tr>
<tr><td colspan="3" rowspan="5"></td><td>1 DCD</td><td rowspan="3">circuit</td></tr>
<tr><td>4 DTR</td></tr>
<tr><td>6 DSR</td></tr>
<tr><td>7 RTS</td><td rowspan="2">circuit</td></tr>
<tr><td>8 CTS</td></tr>
<tr><td>  </td><td></td><td></td><td colspan="2">  </td></tr>
</table>

驱动版本:

版本	日期	叙述
V1.00	Mar/08/2010	

Mitsubishi F930GOT Server

支持系列: F930GOT general-purpose communication 类型.

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	F930GOT Server		
PLC 界面	RS232		
传输速率	38400	9600, 115200	
校验	None	Even, Odd, None	
数据位	8	7 or 8	
停止位	1	1 or 2	
PLC 站号	1		

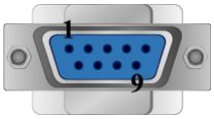
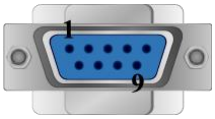
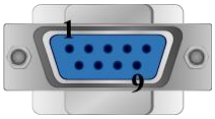
设备类型:

字符/位	设备类型	格式	范围	注释
B	RB	DDDD	0 ~ 2047	
W	RW	DDDDD	0 ~ 65535	

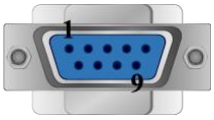
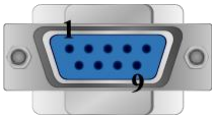
Note: 在 PLC 名称请勿选择 F930GOT Server.
请选择 Local HMI, 设备 类型=RW.

接线图:

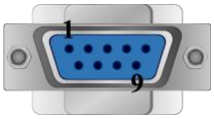
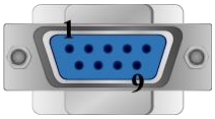
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		Micro Computer Board RS232 Female
2 RX	8 RX		3 TD
3 TX	7 TX		2 RD
5 GND	5 GND		5 GND
			

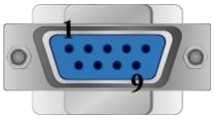
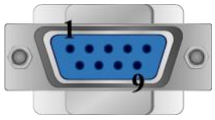
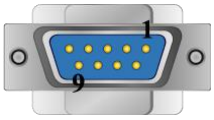
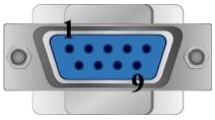
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			Micro Computer Board RS232 Female
2 RX			3 TD
3 TX			2 RD
5 GND			5 GND
			

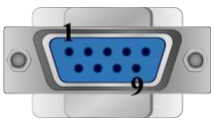
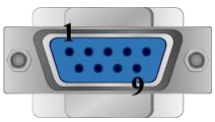
MT8000iE series

COM1 RS232 9P D-Sub Female			Micro Computer Board RS232 Female
2 RX			3 TD
3 TX			2 RD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	Micro Computer Board RS232 Female
2 RX	6 RX	8 RX	3 TD
3 TX	4 TX	7 TX	2 RD
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			Micro Computer Board RS232 Female
9 RX			3 TD
6 TX			2 RD
5 GND			5 GND
			

通讯协议:

Read Command:

PC ➔ HMI

02	'0'	Read address	Size	CR

02	30	30	30	30	30	30	32	0D

Read RW0 1 word (2 bytes) STX = 0x02, '0' = Read command, CR = 0x0D

Read address (hexadecimal)

0 ~ FFFF = RW0 ~ 65535

Size (hexadecimal)

2 ~ FE = 2 ~ 254 bytes = 1 ~ 127 word.

Size must be even.

HMI ➔ PC (response)

02	Data1	Data2	…….	CR

02	30	30	31	30	0D

RW0 = 0x0010 = 16

Write Command:

PC ➔ HMI

02	'1'	Read address	Size	Data1	Data2	…….	CR

02	31	30	30	30	30	30	32	12	34	0D

Write RW0 = 0x1234

Read address (hexadecimal)

0 ~ FFFF = RW0 ~ 65535

Size (hexadecimal)

2 ~ FE = 2 ~ 254 bytes = 1 ~ 127 word.

Size must be even.

HMI ➔ PC (response)

06

ACK = 0x06

驱动版本:

版本	日期	叙述
V1.00	Aug/14/2009	发布驱动程序.

Mitsubishi FX0S/FX0N/FX1S/FX1N/FX2

支持系列: Mitsubishi FX0S/FX0N/FX1S/FX1N/FX2 PLC

网站: http://www.mitsubishi-automation.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Mitsubishi FX0S/FX0N/FX1S/FX1N/FX2		
PLC 界面	RS485 4W	RS232/RS485	
传输速率	9600	9600/19200/38400/57600/115200	
校验	Even	Even, Odd, None	
数据位	7	7,8	
停止位	1	1,2	
PLC 站号	0	0-255	

*于穿透模式下可同时支持 HMI 与 PLC 间的通讯

*于穿透模式下可设定 LW-9903 为 2 来增进上传/下载 PLC 程序的速度

* PLC 参数中提供**[开机时送出 RESET 讯号]**选项，启用此功能 HMI 会在开机时重置 PLC。



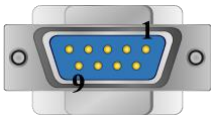
设备类型:

字符/位	设备类型	格式	范围	注释
B	X	OOO	0 ~ 377	输入继电器
B	Y	OOO	0 ~ 377	输出继电器
B	M	DDDD	0 ~ 9999	辅助继电器
B	T	DDD	0 ~ 255	定时器继电器
B	C	DDD	0 ~ 255	计数器继电器
B	SM	DDDD	8000 ~ 9999	特殊辅助继电器
B	D_Bit	DDDDdd	0 ~ 999915	数据缓存器位(D)
B	S	DDDD	0 ~ 4095	States
W	TV	DDD	0 ~ 255	定时器内存
W	CV	DDD	0 ~ 199	计数器内存
W	D	DDDD	0 ~ 9999	数据缓存器
DW	CV2	DDD	200 ~ 255	计数器内存(D Word)
W	SD	DDDD	8000 ~ 9999	特殊数据缓存器

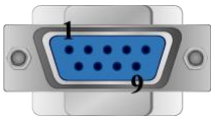
接线图:

9P D-Sub to 8P MiniDIN:

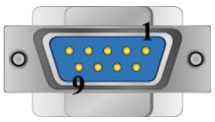
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS422 Port 8P Mini-DIN Female socket
1 RX-			4 TX-
2 RX+			7 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			3 GND
			

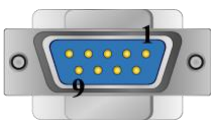
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS422 Port 8P Mini-DIN Female socket
7 RX-			4 TX-
6 RX+			7 TX+
9 TX-			1 RX-
8 TX+			2 RX+
5 GND			3 GND
			

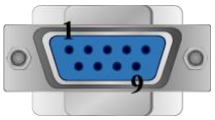
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS422 Port 8P Mini-DIN Female socket
1 RX-			4 TX-
2 RX+			7 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			3 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS422 Port 8P Mini-DIN Female socket
1 RX-			4 TX-
2 RX+			7 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			3 GND
			

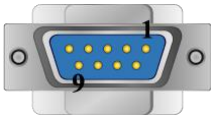
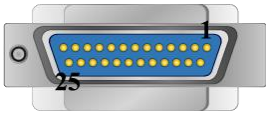
MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			RS422 Port 8P Mini-DIN Female socket
1 RX-			4 TX-
2 RX+			7 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			3 GND
			

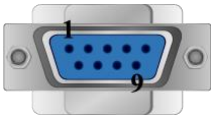
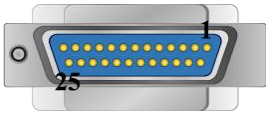
以下图表示从连接线的焊接端所视.

9P D-Sub to 25P D-Sub:

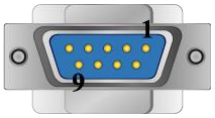
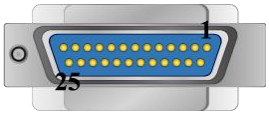
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS422 Port 8P D-Sub Male	
1 RX-			16 TXD-	
2 RX+			3 TXD+	
3 TX-			15 RXD-	
4 TX+			2 RXD+	
5 GND			7 GND	
			4 DSR+	circuit
			8 GND	
			13 +5V	circuit
			17 DSR-	
				

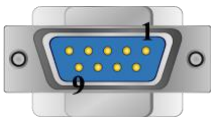
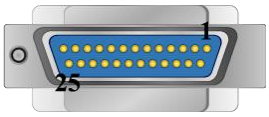
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS422 Port 25P D-Sub Male	
7 RX-			16 TXD-	
6 RX+			3 TXD+	
9 TX-			15 RXD-	
8 TX+			2 RXD+	
5 GND			7 GND	
			4 DSR+	Circuit
			8 GND	
			13 +5V	Circuit
			17 DSR-	
				

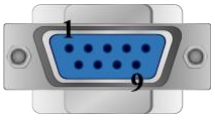
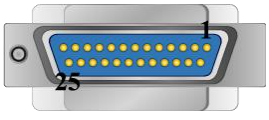
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS422 Port 25P D-Sub Male	
1 RX-			16 TXD-	
2 RX+			3 TXD+	
3 TX-			15 RXD-	
4 TX+			2 RXD+	
5 GND			7 GND	
			4 DSR+	Circuit
			8 GND	
			13 +5V	Circuit
			17 DSR-	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS422 Port 8P D-Sub Male	
1 RX-			16 TXD-	
2 RX+			3 TXD+	
3 TX-			15 RXD-	
4 TX+			2 RXD+	
5 GND			7 GND	
			4 DSR+	circuit
			8 GND	
			13 +5V	circuit
			17 DSR-	
				

MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			RS422 Port 8P D-Sub Male	
1 RX-			16 TXD-	
2 RX+			3 TXD+	
3 TX-			15 RXD-	
4 TX+			2 RXD+	
5 GND			7 GND	
			4 DSR+	circuit
			8 GND	
			13 +5V	circuit
			17 DSR-	
				

驱动版本:

版本	日期	叙述
V1.20	Oct/26/2011	

Mitsubishi FX232/485BD

支持系列: Mitsubishi FX0N/FX2/FX2N COM BD 通讯模块
FX2N-485-BD, FX2N-232-BD, FX1N-485-BD,FX1N-232-BD & FX3U-485ADP.
网站: http://www.mitsubishi-automation.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Mitsubishi FX232/485BD		
PLC 界面	RS232/RS485	RS232/RS485 2w/4w	
传输速率	19200	9600/19200/38400	
校验	Even	Even, Odd, None	
数据位	7	7,8	
停止位	1	1,2	
PLC 站号	1	0-15	

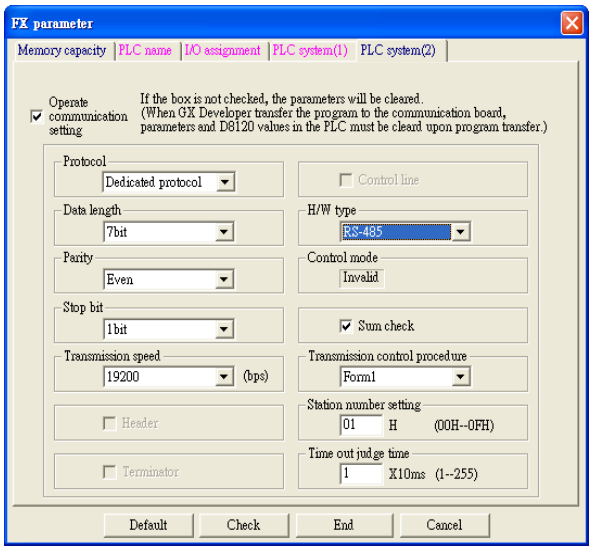
Note: 建议通讯延时设 8. (RS485 2W)

在线仿真	YES	扩展模式	YES

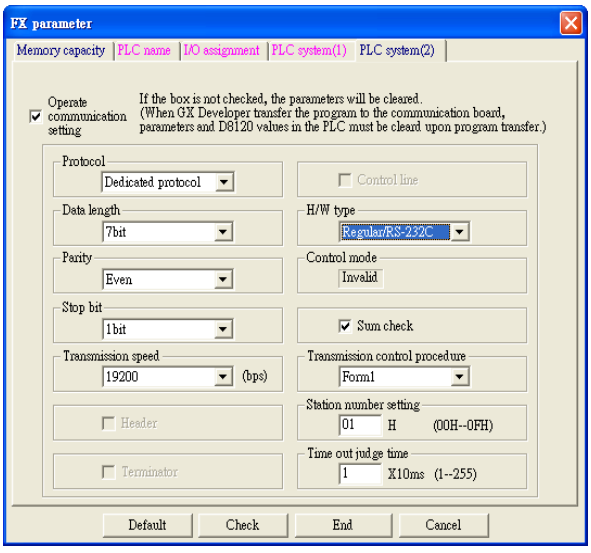
PLC 设定:

通讯模式	当使用 BD 模块需设定 PLC 站号

缓存器 D8120 设定: set b9 and b8 of BFM#0 as 0



FX2N-485-BD, FX1N-485-BD



FX2N-232-BD, FX1N-232-BD

设备类型:

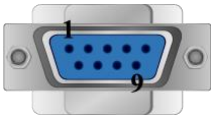
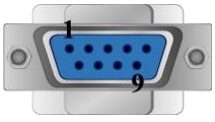
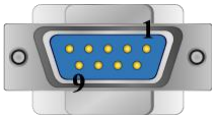
字符/位	设备类型	格式	范围	注释
B	X	OOO	0 ~ 377	Input Relay
B	Y	OOO	0 ~ 377	Output Relay
B	M	DDDD	0 ~ 7999	Auxiliary Relay
B	T	DDD	0 ~ 511	Timer Relay
B	C	DDD	0 ~ 255	Counter Relay
B	SM	DDDD	8000 ~ 9999	Special Auxiliary Relay
B	D_Bit	DDDDh	0 ~ 7999f	Data Register Bit
B	S	DDDD	0 ~ 4095	State Relay
W	TV	DDD	0 ~ 511	Timer Memory
W	CV	DDD	0 ~ 199	Counter Memory
W	D	DDDD	0 ~ 7999	Data Register
W	CV2	DDD	200 ~ 255	Counter Memory(D Word)
W	SD	DDDD	8000 ~ 9999	Special Data Register
W	R	DDDDD	0 ~ 32767	Extended Register

接线图:

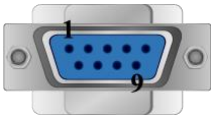
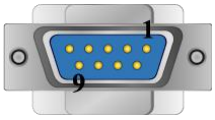
以下图表示从连接线的焊接端所视.

9P D-Sub to 9P D-Sub: Communication Module RS232BD

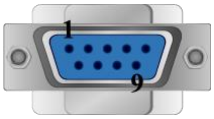
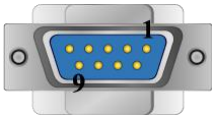
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male
2 RX	8 RX		3 TXD
3 TX	7 TX		2 RXD
5 GND	5 GND		5 GND
			

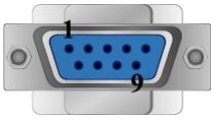
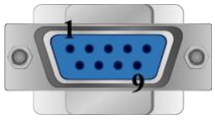
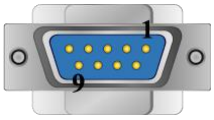
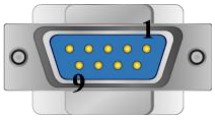
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

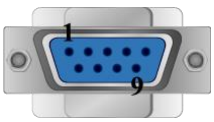
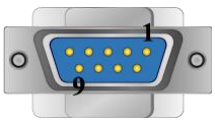
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male
2 RX	6 RX	8 RX	3 TXD
3 TX	4 TX	7 TX	2 RXD
5 GND	5 GND	5 GND	5 GND
			

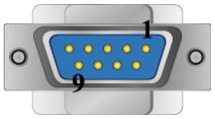
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
9 RX			3 TXD
6 TX			2 RXD
5 GND			5 GND
			

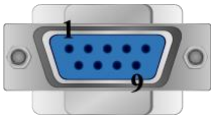
以下图表示从连接线的焊接端所视.

Communication Module RS485BD: RS485 4W

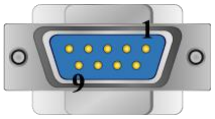
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			485BD Module 5P Termanal
1 RX-			SDB
2 RX+			SDA
3 TX-			RDB
4 TX+			RDA
5 GND			SG
			

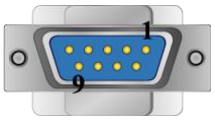
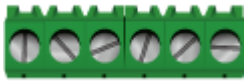
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			485BD Module 5P Termanal
7 RX-			SDB
6 RX+			SDA
9 TX-			RDB
8 TX+			RDA
5 GND			SG
			

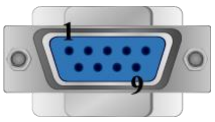
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			485BD Module 5P Termanal
1 RX-			SDB
2 RX+			SDA
3 TX-			RDB
4 TX+			RDA
5 GND			SG
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			485BD Module 5P Termanal
1 RX-			SDB
2 RX+			SDA
3 TX-			RDB
4 TX+			RDA
5 GND			SG
			

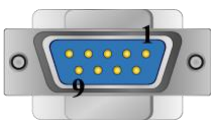
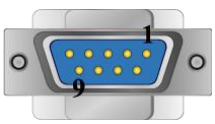
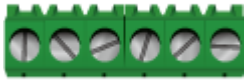
MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			485BD Module 5P Termanal
1 RX-			SDB
2 RX+			SDA
3 TX-			RDB
4 TX+			RDA
5 GND			SG
			

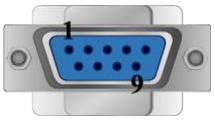
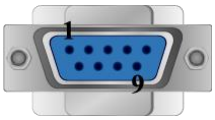
以下图表示从连接线的焊接端所视.

Communication Module RS485BD: RS485 2W

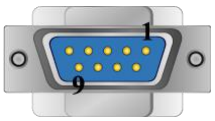
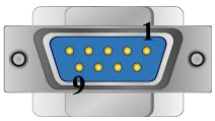
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		485BD Module 5P Termanal	
1 RX-	6 Data-		SDB	circuit
			RDB	
2 RX+	9 Data+		SDA	circuit
			RDA	
5 GND	5 GND		SG	
				

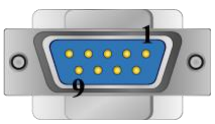
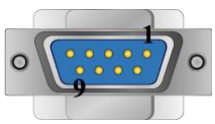
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		Change RS485 terminal	
7 RX-	4 Data-		SDB	circuit
			RDB	
6 RX+	1 Data+		SDA	circuit
			RDA	
5 GND	5 GND		SG	
				

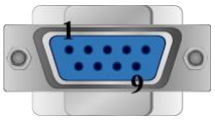
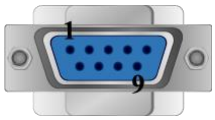
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		Change RS485 terminal	
1 RX-	7 Data-		SDB	circuit
			RDB	
2 RX+	8 Data+		SDA	circuit
			RDA	
5 GND	9 GND		SG	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		485BD Module 5P Termanal	
1 RX-	6 Data-		SDB	circuit
			RDB	
2 RX+	9 Data+		SDA	circuit
			RDA	
5 GND	5 GND		SG	
				

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		485BD Module 5P Termanal	
1 RX-	7 Data-		SDB	circuit
			RDB	
2 RX+	8 Data+		SDA	circuit
			RDA	
5 GND	5 GND		SG	
				

驱动版本:

版本	日期	叙述
V1.40	Jul/26/2011	新增 D_Bit & S 缓存器.
V1.50	Sep/10/2012	新增 R 缓存器.

Mitsubishi FX2N

支持系列: Mitsubishi FX2N 系列 PLC
网站 http://www.mitsubishi-automation.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Mitsubishi FX2n		
PLC 界面	RS485 4W	RS232/RS485	
传输速率	19200	9600/19200/38400 /57600/115200	
校验	Even		
数据位	7		
停止位	1		
PLC 站号	0		

在线仿真	YES	扩展模式	NO

*于穿透模式下可同时支持 HMI 与 PLC 间的通讯
*于穿透模式下可设定 LW-9903 为 2 来增进上传/下载 PLC 程序的速度

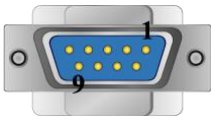
设备类型:

字符/位	设备类型	格式	范围	注释
B	X	OOO	0 ~ 377	Input Relay
B	Y	OOO	0 ~ 377	Output Relay
B	M	DDDD	0 ~ 7999	Auxiliary Relay
B	T	DDD	0 ~ 255	Timer Relay
B	C	DDD	0 ~ 255	Counter Relay
B	SM	DDDD	8000 ~ 9999	Special Auxiliary Relay
B	D_Bit	DDDDdd	0 ~ 799915	Data Register Bit (D)
B	S	DDDD	0 ~ 4095	State Relay (S)
W	TV	DDD	0 ~ 255	Timer Memory
W	CV	DDD	0 ~ 199	Counter Memory
W	D	DDDD	0 ~ 7999	Data Register
DW	CV2	DDD	200 ~ 255	Counter Memory(D Word)
W	SD	DDDD	8000 ~ 9999	Special Data Register

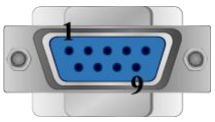
接线图:

以下图表示从连接线的焊接端所视.

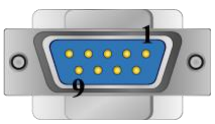
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS422 8P Mini-DIN Female socket
1 RX-			4 TX-
2 RX+			7 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			3 GND
			

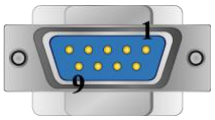
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS422 8P Mini-DIN Female socket
7 RX-			4 TX-
6 RX+			7 TX+
9 TX-			1 RX-
8 TX+			2 RX+
5 GND			3 GND
			

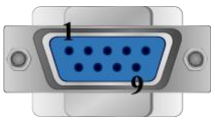
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS422 8P Mini-DIN Female socket
1 RX-			4 TX-
2 RX+			7 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			3 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS422 8P Mini-DIN Female socket
1 RX-			4 TX-
2 RX+			7 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			3 GND
			

MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			RS422 8P Mini-DIN Female socket
1 RX-			4 TX-
2 RX+			7 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			3 GND
			

驱动版本:

版本	日期	叙述
V1.60	Sep/10/2009	

Mitsubishi FX2N-10GM/20GM

支持系列: Mitsubishi FX2N -10GM/20 GM PLC.
网站 http://www.mitsubishi-automation.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Mitsubishi FX2N-10GM/20GM		
PLC 界面	RS485 4W		
传输速率	9600		
校验	Even		
数据位	8		
停止位	1		
PLC 站号	0		

在线仿真	YES	扩展模式	NO

*于穿透模式下可同时支持 HMI 与 PLC 间的通讯
*于穿透模式下可设定 LW-9903 为 2 来增进上传/下载 PLC 程序的速度

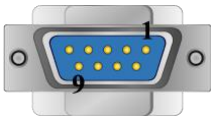
设备类型:

字符/位	设备类型	格式	范围	注释
B	X	OOO	0 ~ 103	Input Relay
B	Y	OOO	0 ~ 103	Output Relay
B	M	DDD	0 ~ 511	Auxiliary Relay
B	SM	DDDD	9000 ~ 9175	Special Auxiliary Relay
W	X_W	OOO	0 ~ 103	
W	Y_W	OOO	0 ~ 103	
W	M_W	DDD	0 ~ 511	
W	SM_W	DDDD	9000 ~ 9175	
W	D	DDDD	0 ~ 6999	Data Register
W	SD	DDDD	9000 ~ 9599	Special Data Register
W	V	D	0 ~ 7	Index register
DW	Z	D	0 ~ 7	Index register

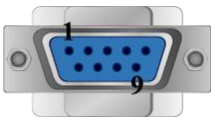
接线图:

以下图表示从连接线的焊接端所视.

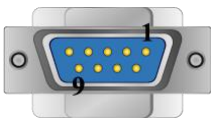
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS422 8P Mini-DIN Female socket
1 RX-			4 TX-
2 RX+			7 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			3 GND
			

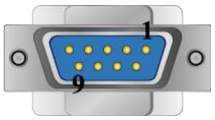
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS422 8P Mini-DIN Female socket
7 RX-			4 TX-
6 RX+			7 TX+
9 TX-			1 RX-
8 TX+			2 RX+
5 GND			3 GND
			

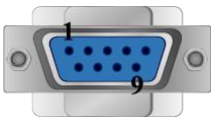
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS422 8P Mini-DIN Female socket
1 RX-			4 TX-
2 RX+			7 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			3 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS422 8P Mini-DIN Female socket
1 RX-			4 TX-
2 RX+			7 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			3 GND
			

MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			RS422 8P Mini-DIN Female socket
1 RX-			4 TX-
2 RX+			7 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			3 GND
			

驱动版本:

版本	日期	叙述
V1.00	May/30/2013	发布驱动程序.

Mitsubishi FX3U (Ethernet)

支持系列: Mitsubishi FX 系列，模块: FX3U-ENET.

网站: http://www.mitsubishi-automation.com

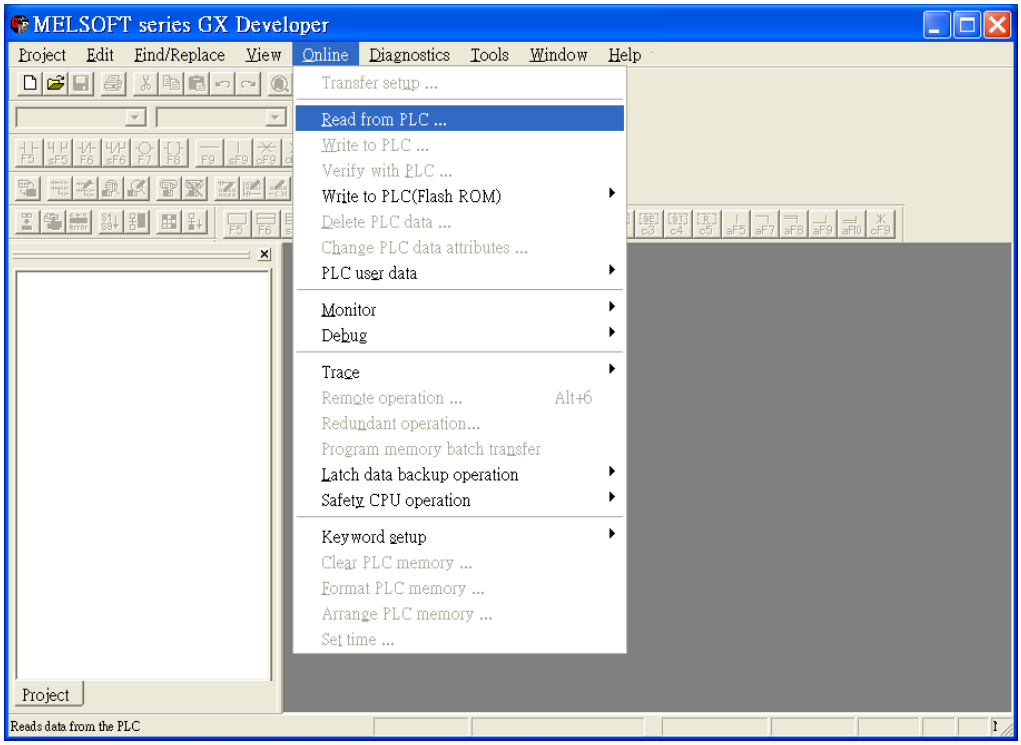
HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Mitsubishi FX3U (Ethernet)		
PLC 界面	Ethernet		
PLC 站号	0 (default)		参考模块设定
端口	5001(default)		参考模块设定

PLC 设定:

Fx3u-ENET 模块设定:
使用 Ethernet 模块之前，请使用 GX Developer / FX Configurator-EN 设定 Ethernet 模块，FX3u-ENET 模块设定如下步骤.

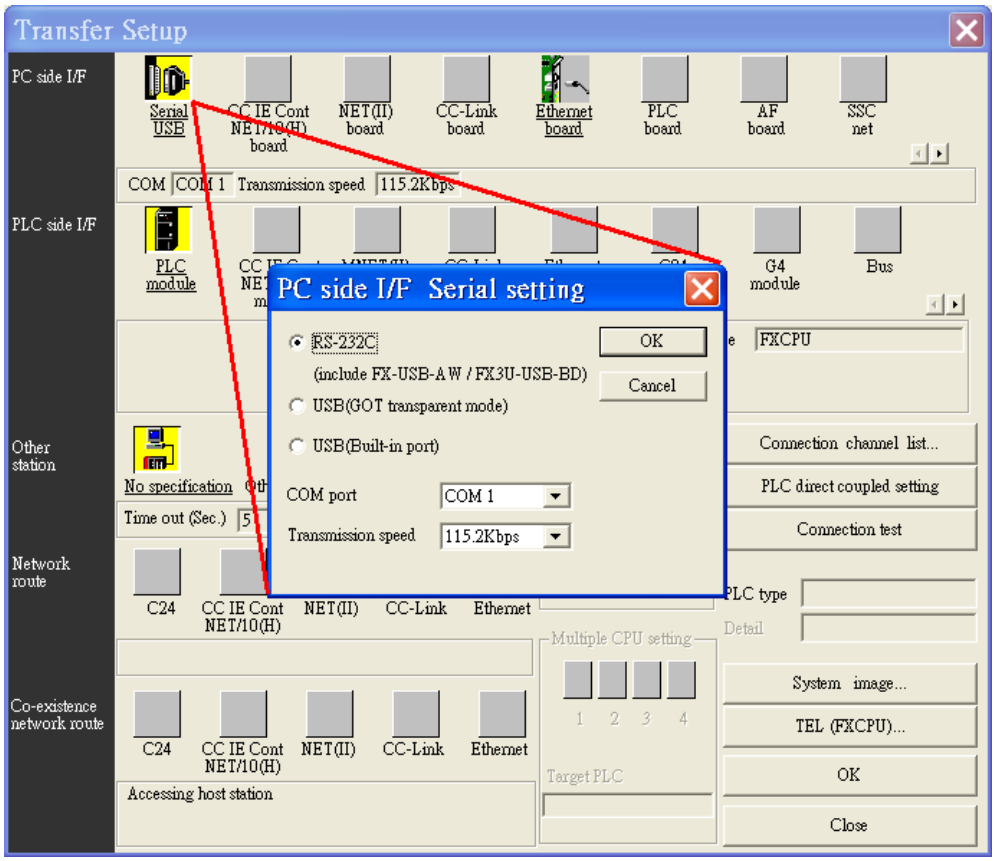
步骤 1. 开启 GX Developer，在 Online 选单选择 “Read from PLC”.



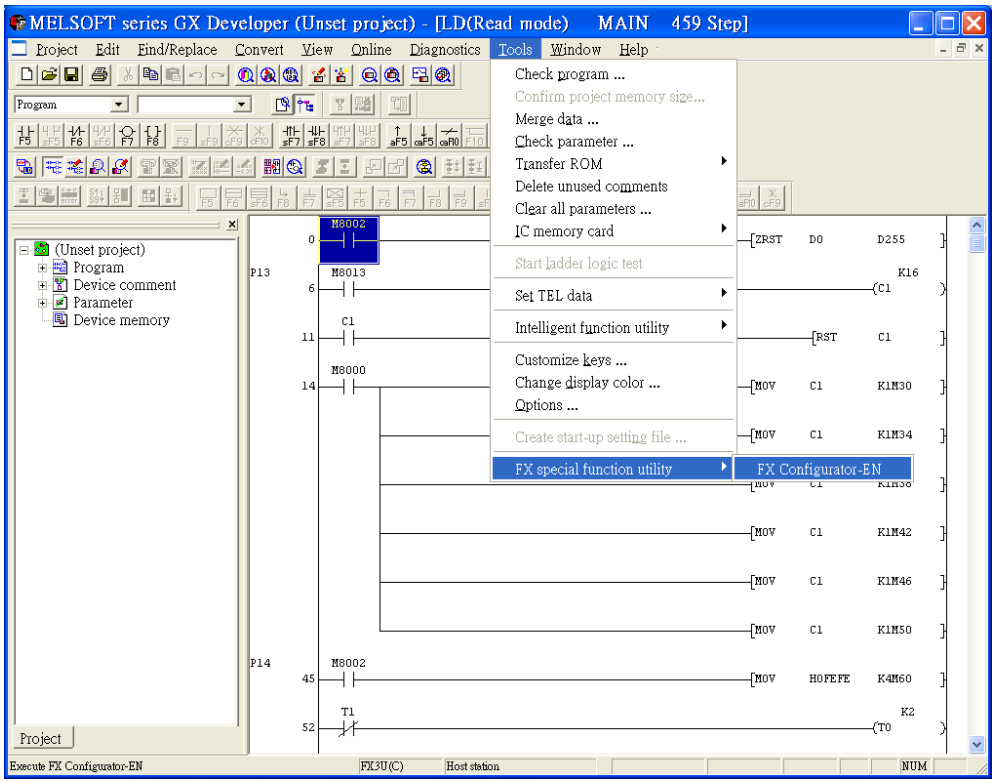
步骤 2. 选择 “FXCPU” 系列.



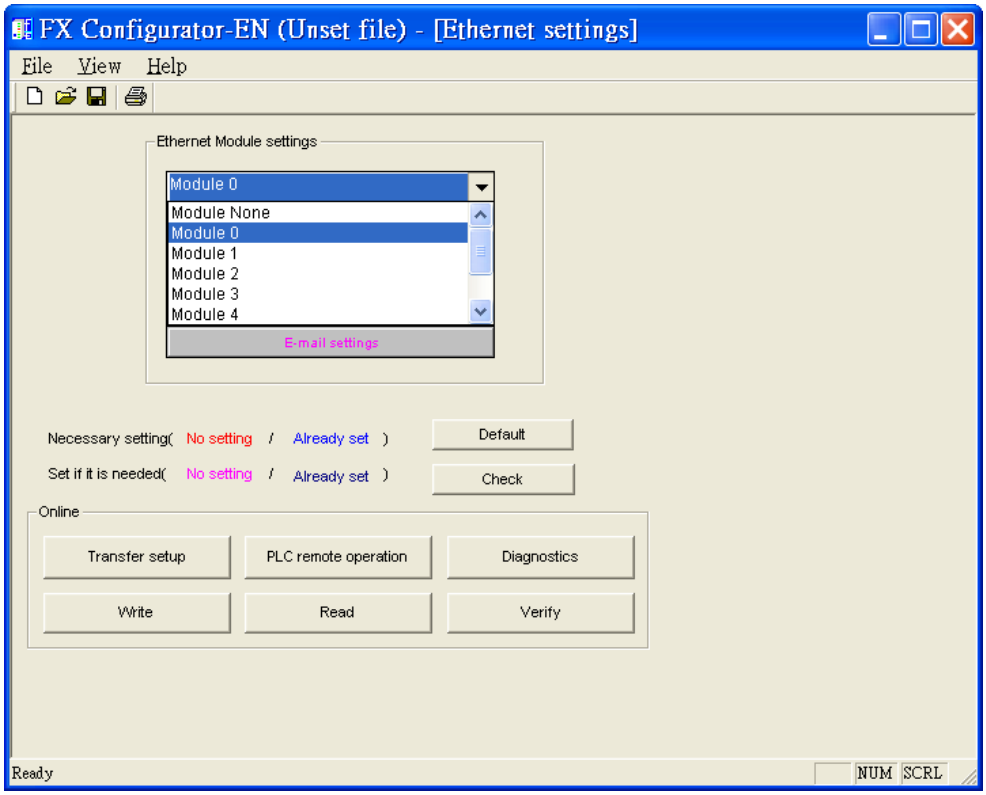
步骤 3. 用户需先透过串行端口连接 PLC 设定 IP 地址.



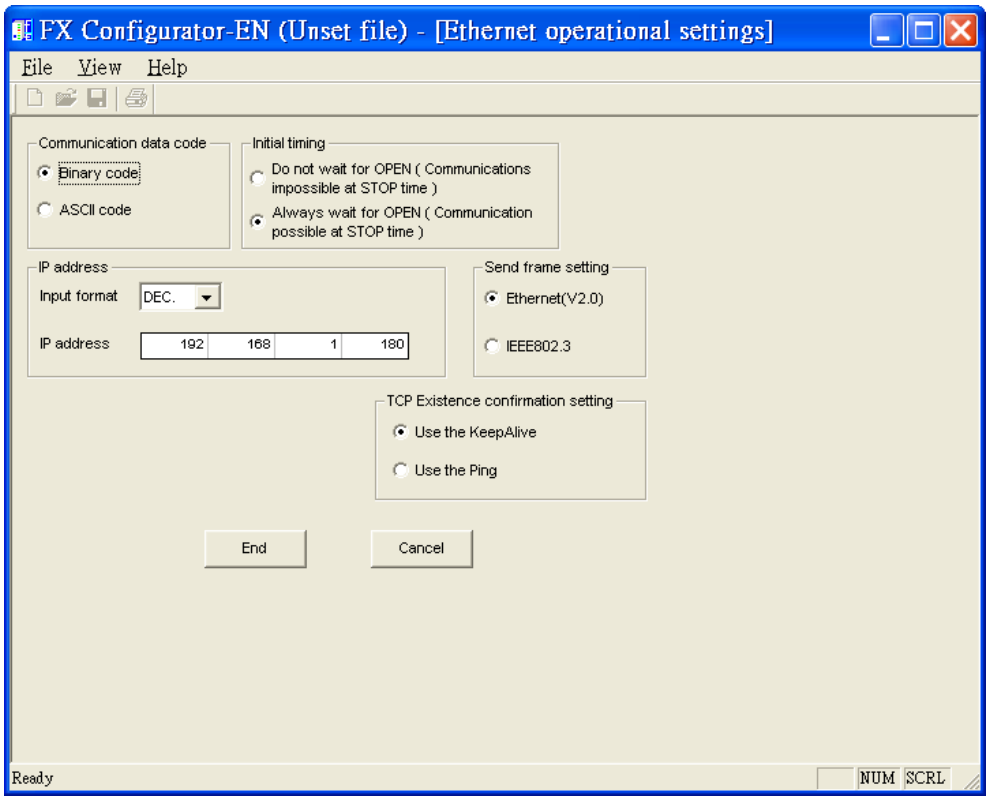
步骤 4. 结束 PLC 设定，选择 Tools/FX special function utility/FX Configurator-EN.



步骤 5. 在 Ethernet Module 选择 “Module 0”. (若多余一个模块，请逐一设定)



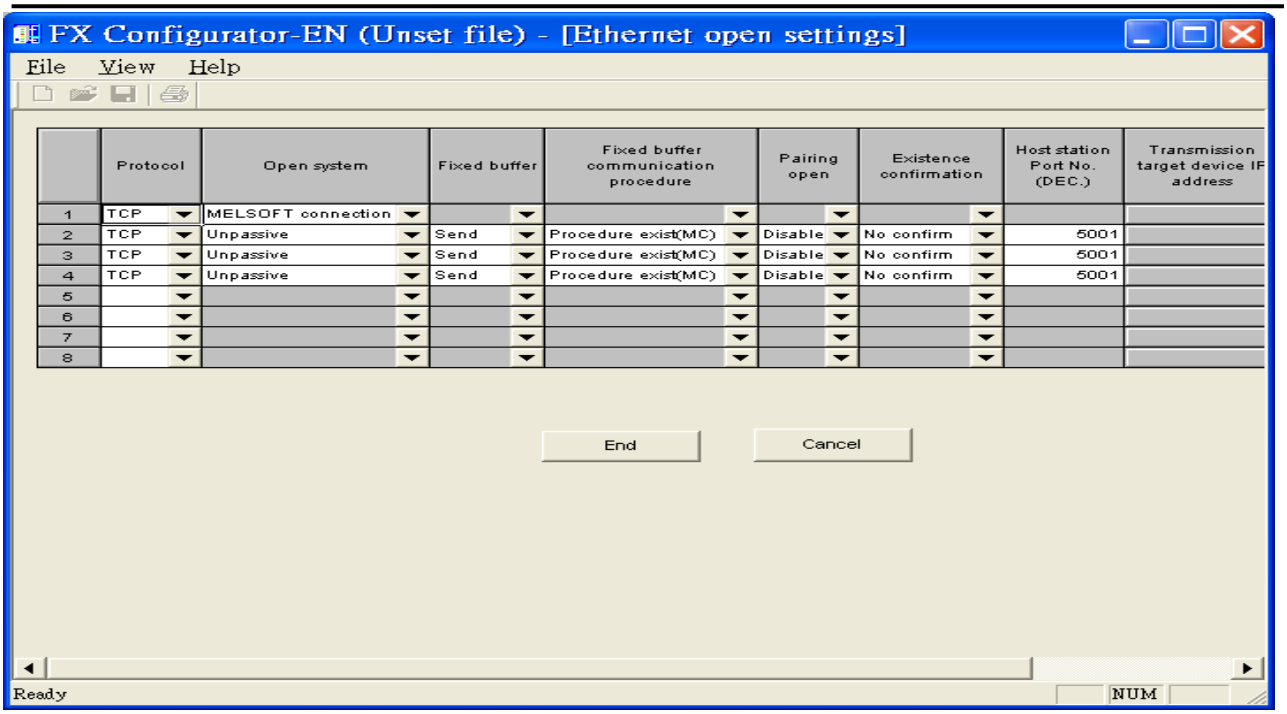
步骤 6. 在 Ethernet operational 设定，选择相关参数设定和 IP 地址后点选 ”End” 结束设定.



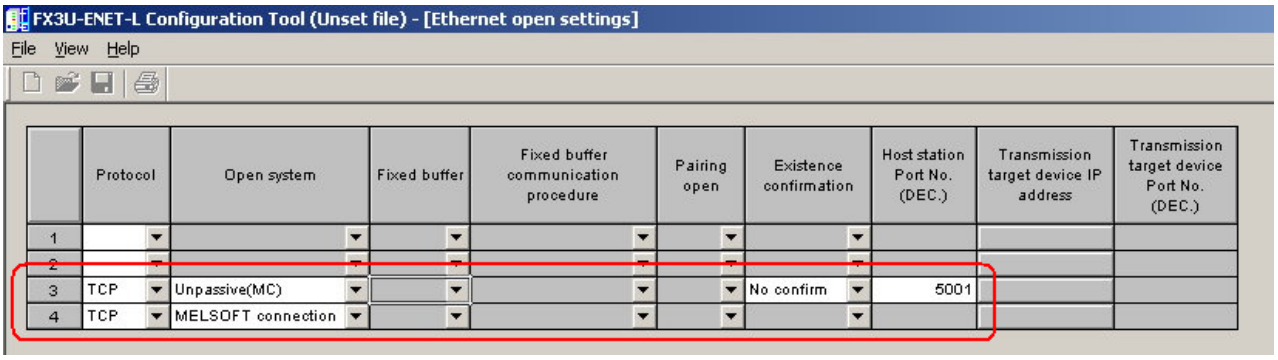
步骤 7. 在 Ethernet open 设定，点选 “End” 之后设定下列参数设定.

1	TCP	MELSOFT connection					
2	TCP	Unpassive	Send	Procedure exist(MC)	Disable	No confirm	5001
3	TCP	Unpassive	Send	Procedure exist(MC)	Disable	No confirm	5001
4	TCP	Unpassive	Send	Procedure exist(MC)	Disable	No confirm	5001

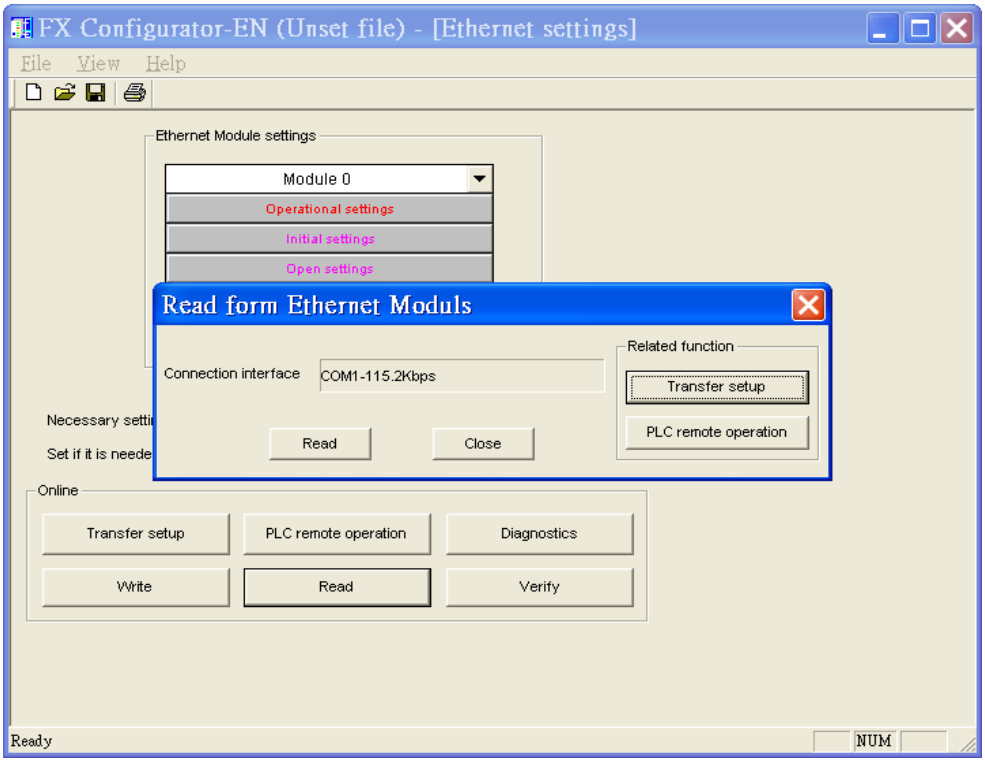
(第一个通讯协议使用 GX Developer 与模块通讯, The max. “Fixed buffer communication preocedure” is 4 units.)


FX Configurator-EN (Unset file) - [Ethernet open settings]
File View Help
Protocol
Open system
Fixed buffer
Fixed buffer communication procedure
Pairing open
Existence confirmation
Host station Port No. (DEC.)
Transmission target device IP address
1 TCP MELSOFT connection
2 TCP Unpassive Send Procedure exist(MC) Disable No confirm 5001
3 TCP Unpassive Send Procedure exist(MC) Disable No confirm 5001
4 TCP Unpassive Send Procedure exist(MC) Disable No confirm 5001
5
6
7
8
End
Cancel
Ready
NUM

或


FX3U-ENET-L Configuration Tool (Unset file) - [Ethernet open settings]
File View Help
Protocol
Open system
Fixed buffer
Fixed buffer communication procedure
Pairing open
Existence confirmation
Host station Port No. (DEC.)
Transmission target device IP address
Transmission target device Port No. (DEC.)
1
2
3 TCP Unpassive(MC) No confirm 5001
4 TCP MELSOFT connection

步骤 8. 在设定参数设定至 PLC 之后，重启 Ethernet 通讯.



设备类型:

字符/位	设备类型	格式	范围	注释
B	X	OOO	0 ~ 571	Input
B	Y	OOO	0 ~ 571	Output Relay
B	M	DDDD	0 ~ 7999	Internal Relay
B	T	DDD	0 ~ 511	Timer Contacts
B	C	DDD	0 ~ 255	Counter Contacts
B	SM	DDDD	8000 ~ 8511	Special Int. Relays
B	D_Bit	DDDDDdd	0 ~ 1799915	Data Register Bit Access
B	S	DDDD	0 ~ 4095	Step Relays
W	TV	DDD	0 ~ 511	Timer Value
W	CV	DDD	0 ~ 199	Counter Value
W	D	DDDD	0 ~ 7999	Data Registers
W	CV2	DDD	200 ~255	Counter Value
W	SD	DDDD	8000 ~ 8511	Special Data Registers
W	R	DDDDD	0 ~ 32767	File Register

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

驱动版本:

版本	日期	叙述
V1.00	Feb/12/2009	发布驱动程序.

Mitsubishi FX3U/FX3G

支持系列 : Mitsubishi FX3U/FX3UC/FX3G.
网站: http://www.mitsubishi-automation.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Mitsubishi FX3U/FX3G		
PLC 界面	RS485 4w	RS232/RS485 2w/4w	
传输速率	38400	9600/19200	
校验	Even		
数据位	7		
停止位	1		
PLC 站号	0		此通讯协议不支持

在线仿真	YES (只支援 9600 传输速率)	扩展模式	NO

*于穿透模式下可同时支持 HMI 与 PLC 间的通讯
*于穿透模式下可设定 LW-9903 为 2 来增进上传/下载 PLC 程序的速度

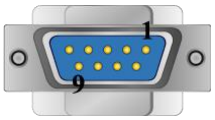
设备类型:

字符/位	设备类型	格式	范围	注释
B	X	OOO	0 ~ 764	Input Relay
B	Y	OOO	0 ~ 764	Output Relay
B	M	DDDD	0 ~ 7999	Auxiliary Relay
B	T	DDD	0 ~ 511	Timer Relay (T)
B	C	DDD	0 ~ 255	Counter Relay (C)
B	SM	DDDD	8000 ~ 9999	Special Relay (M)
B	D_Bit	DDDDdd	0 ~ 799915	Data Register Bit (D)
B	S	DDDD	0 ~ 4095	State Relay (S)
W	TV	DDD	0 ~ 511	Timer Memory (T)
W	CV	DDD	0 ~ 199	Counter Memory (C)
W	D	DDDD	0 ~ 7999	Data Register (D)
DW	CV2	DDD	200 ~ 255	Counter Memory(D Word)
W	SD	DDDD	8000 ~ 9999	Special Data Register (D)
W	R	DDDDD	0 ~ 32767	Extended Register (R)
W	Z	D	0 ~ 7	Index register

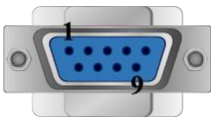
接线图:

以下图表示从连接线的焊接端所视.

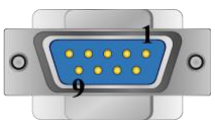
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS422 8P Mini-DIN Female socket
1 RX-			4 TX-
2 RX+			7 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			3 GND
			

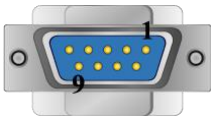
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS422 8P Mini-DIN Female socket
7 RX-			4 TX-
6 RX+			7 TX+
9 TX-			1 RX-
8 TX+			2 RX+
5 GND			3 GND
			

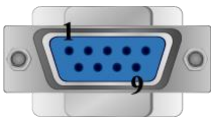
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS422 8P Mini-DIN Female socket
1 RX-			4 TX-
2 RX+			7 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			3 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS422 8P Mini-DIN Female socket
1 RX-			4 TX-
2 RX+			7 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			3 GND
			

MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			RS422 8P Mini-DIN Female socket
1 RX-			4 TX-
2 RX+			7 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			3 GND
			

驱动版本:

版本	日期	叙述
V1.71	Nov/15/2010	

Mitsubishi L6ADP

支持系列: Mitsubishi L6ADP CPU RS232 通讯端口
网站: http://www.mitsubishi-automation.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Mitsubishi L6ADP		
PLC 界面	RS232		
传输速率	115200		
数据位	8		
校验	Odd		
停止位	1		
PLC 站号	1		

在线仿真	YES	扩展模式	NO
穿透模式	YES		

*于穿透模式下 HMI 与 PLC 间的通讯会中断
*于穿透模式下可设定 LW-9903 为 2 来增进上传/下载 PLC 程序的速度

设备类型:

字符/位	设备类型	格式	范围	注释
B	SM	DDDD	0 ~ 2047	Special Int. Relays
B	X	HHHH	0 ~ 1FFF	Input Relay
B	Y	HHHH	0 ~ 1FFF	Output Relay
B	M	DDDD	0 ~ 8191	Internal Relay
B	L	DDDD	0 ~ 8191	Latch Relay
B	F	DDDD	0 ~ 2047	Annunciator
B	V	DDDD	0 ~ 2047	Edge Relay
B	B	HHHH	0 ~ 1FFF	Link Relay
B	SB	HHH	0 ~ 7FF	Special Link Relay
B	D_Bit	DDDDDDh	0 ~ 143359F	Data Register bit
W	SD	DDDD	0 ~ 2047	Special register
W	D	DDDDDD	0 ~ 143359	Data Register
W	W	HHHH	0 ~ 1FFF	Link Register
W	SW	HHH	0 ~ 7FF	Special Link Register

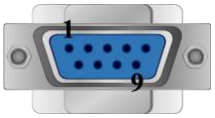
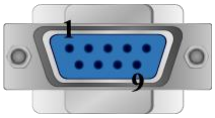
字符/位	设备类型	格式	范围	注释
W	Z	DD	0 ~ 19	Index Register
W	C	DDDD	0 ~ 2047	Counter
W	T	DDDD	0 ~ 1023	Timer

接线图:

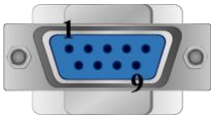
以下图表示从连接线的焊接端所视.

9P D-Sub to 6P Mini-DIN: RS232 Port

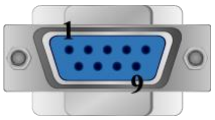
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 6P Mini-DIN Female socket
2 RX	8 RX		3 TXD
3 TX	7 TX		4 RXD
5 GND	5 GND		5 GND
			

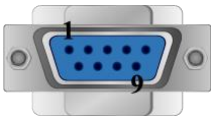
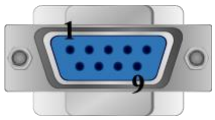
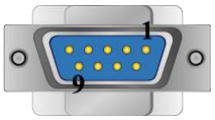
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 6P Mini-DIN Female socket
2 RX			3 TXD
3 TX			4 RXD
5 GND			5 GND
			

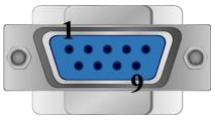
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 6P Mini-DIN Female socket
2 RX			3 TXD
3 TX			4 RXD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 6P Mini-DIN Female socket
2 RX	6 RX	8 RX	3 TXD
3 TX	4 TX	7 TX	4 RXD
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 6P Mini-DIN Female socket
9 RX			3 TXD
6 TX			4 RXD
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.00	Nov/19/2013	发布驱动程序.

Mitsubishi MELSEC-Q/L - ASCII Mode (Ethernet)

支持系列: Mitsubishi Q 系列 (Q03UDE, Q04UDEH, Q06UDEH, Q10UDEH, Q13UDEH, Q20UDEH, Q26UDEH), Mitsubishi L 系列(L02, L26-BT), MELSEC-Q/L 通讯协议应用至 Ethernet 界面或 Ethernet 模块的 CPU.

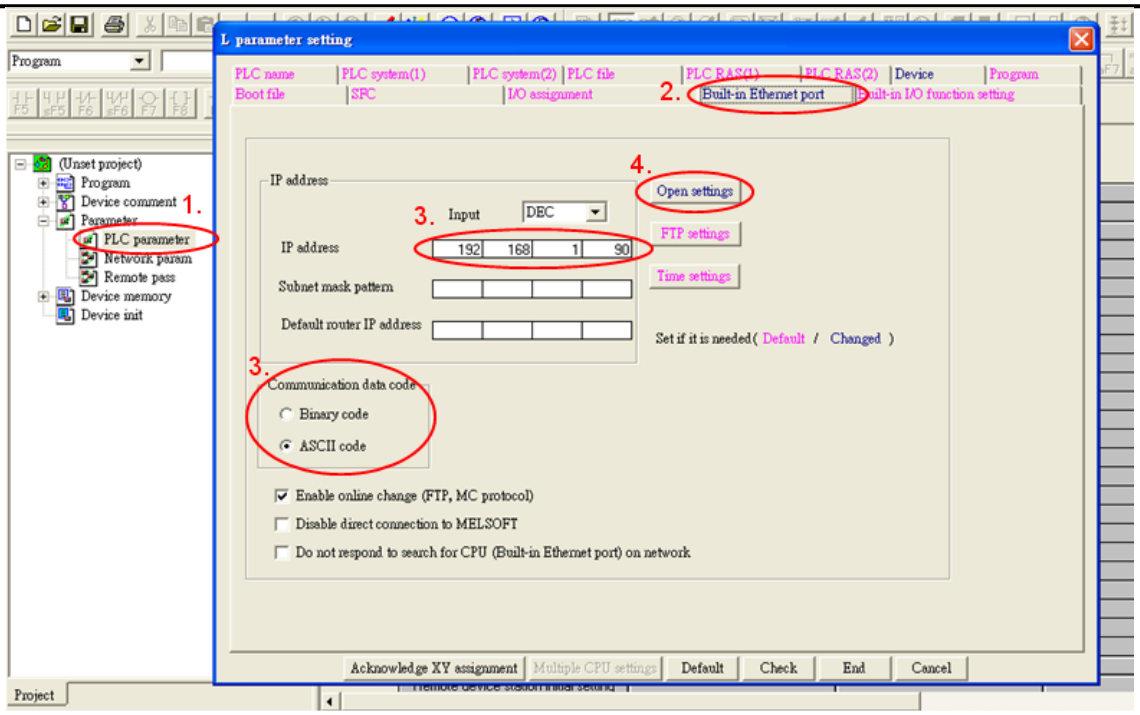
网站: http://www.mitsubishi-automation.com

HMI 设定:

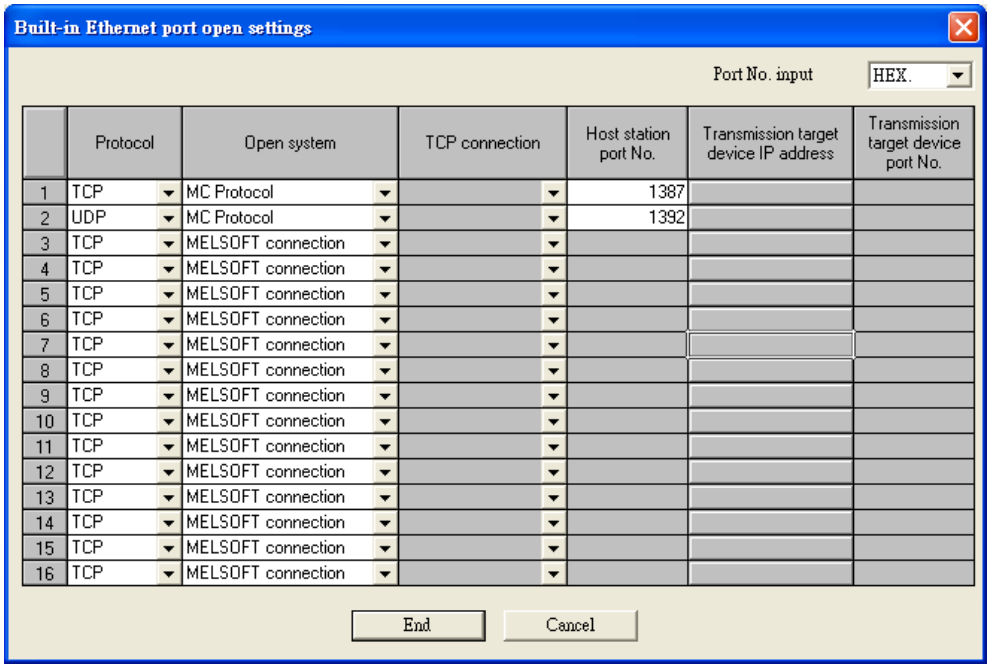
参数设定	推荐	选项	注释
PLC 类型	Mitsubishi MELSEC-Q/L - ASCII Mode (Ethernet)		
PLC 界面	Ethernet		
PLC 站号	需与 PLC 设定相同	255	Q13UDEH 需设定 255
参数 1	Networking no. (需与 PLC 设定相同)	0~255	Q13UDEH 需设定 0
端口	需与 PLC 设定相同		建议设端口为 4999

PLC 设定:

MITSUBISHI Q/L 系列 Ethernet 模块设定:
注意: 若使用 QJ71E71 模块, 请参考 MITSUBISHI QJ71E71 连接手册.



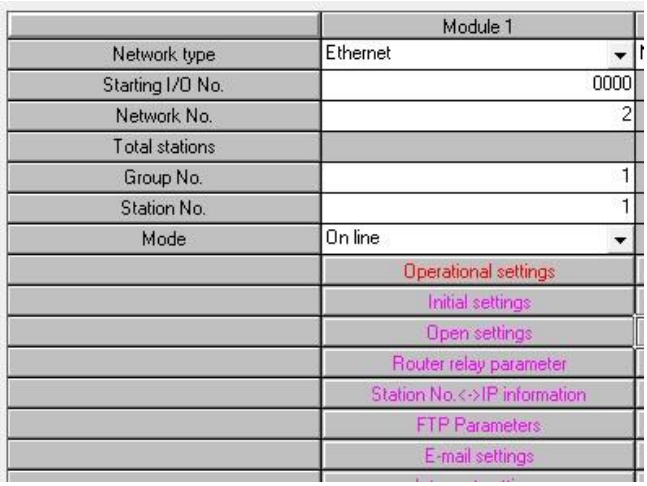
1. 点选 [PLC parameter]
2. 选择[Built-in Ethernet port].
3. 点选 [Open 设定]并设定 IP address 和 communication data code
4. 设定 MC protocol-TCP 端口 1387 (Hex), 在 EasyBuilder 中 TCP 埠需设定为 4999 (Dec).



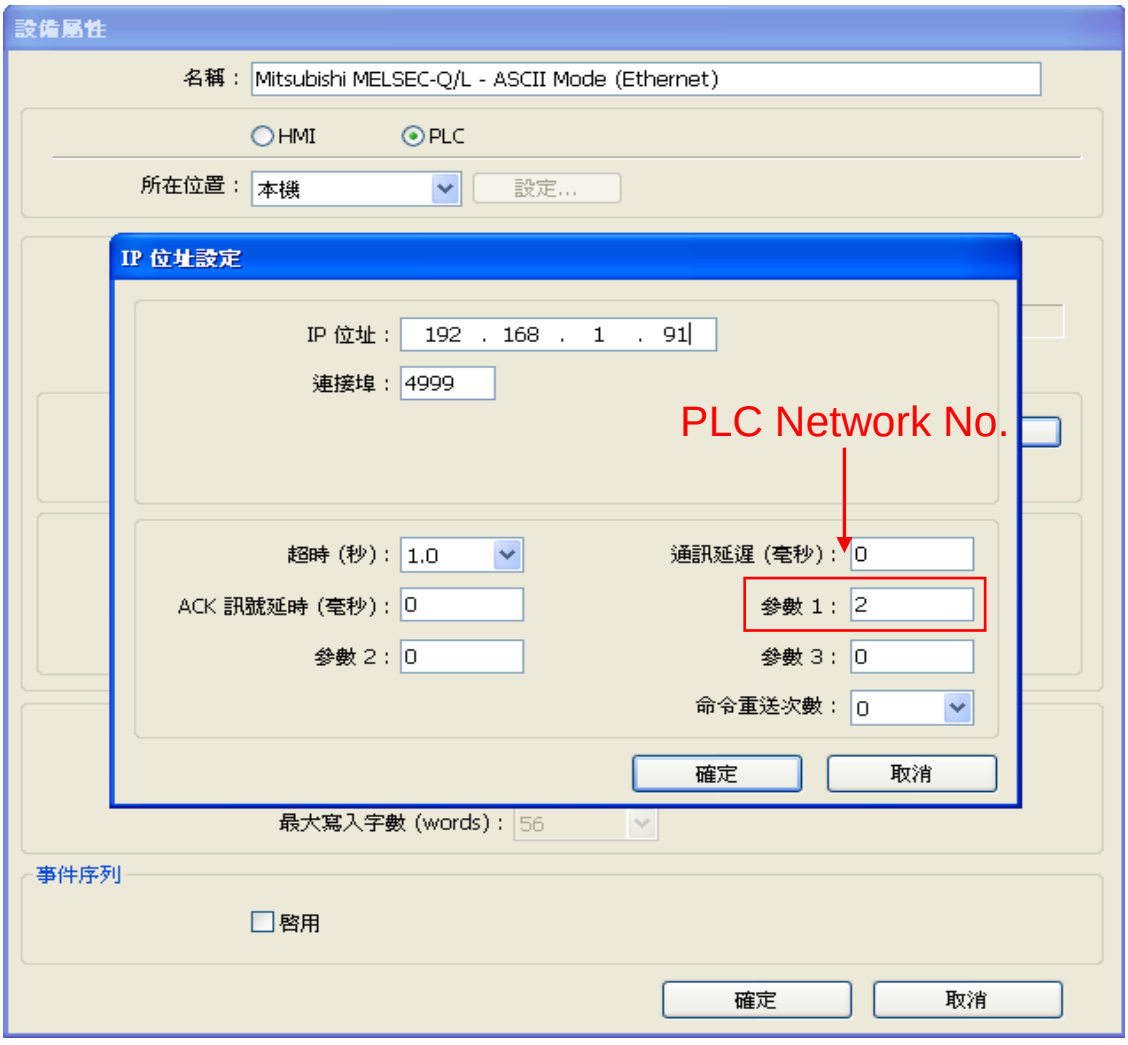
*若非搭配网络模块请忽略下列设定

注意: 在 EasyBuilder, 请在参数 1 填入 network no.

例如, 从下图得知, Network no. 为 2.



使用者必需在参数 1 设定 2.



设备类型:

字符/位	设备类型	格式	范围	注释
B	SM	DDDD	0 ~ 2047	Special Relay
B	X	HHHH	0 ~ 1fff	Input Relay
B	Y	HHHH	0 ~ 1fff	Output Relay
B	M	DDDDD	0 ~ 61439	Internal Relay
B	L	DDDDD	0 ~ 32767	Latch Relay
B	F	DDDDD	0 ~ 32767	Annunciator
B	V	DDDDD	0 ~ 32767	Edge Relay
B	B	HHHH	0 ~ efff	Link Relay
B	TS	DDDDD	0 ~ 25471	Timer Contact
B	TC	DDDDD	0 ~ 25471	Timer Coil
B	SS	DDDDD	0 ~ 25471	Retentive Timer Contact
B	SC	DDDDD	0 ~ 25471	Retentive Timer Coil
B	CS	DDDDD	0 ~ 25471	Counter Contact
B	CC	DDDDD	0 ~ 25471	Counter Coil
B	SB	HHHH	0 ~ 7fff	Special Link Relay
B	S	DDDD	0 ~ 8191	Step relay
B	DX	HHHH	0 ~ 1fff	Direct Input
B	DY	HHHH	0 ~ 1fff	Direct Output
B	D_Bit	DDDDDDh	0 ~ 999999f	Data Register bit
B	SD_bit	DDDDh	0 ~ 2047f	Special register Bit
B	ZR_bit	DDDDDDh	0 ~ 999999f	File Register Bit
B	R_bit	DDDDDh	0 ~ 32767f	File Register Bit
B	SW_bit	HHHh	0 ~ 7fff	Special Link Register Bit
B	W_bit	HHHHHHh	0 ~ 3fd7fff	Link Register Bit
W	SD	DDDD	0 ~ 2047	Special register
W	D	DDDDDD	0 ~ 999999	Data Register
W	W	HHHHHH	0 ~ 3fd7ff	Link Register
W	TN	DDDDD	0 ~ 25471	Timer Current value
W	SN	DDDDD	0 ~ 25471	Retentive Timer Current
W	CN	DDDDD	0 ~ 25471	Counter Current value
W	SW	HHH	0 ~ 7ff	Special Link Register
W	Z	DD	0 ~ 20	Index Register
W	R	DDDDD	0 ~ 32767	File Register
W	ZR	DDDDDD	0 ~ 999999	File Register

注意: 由于每个 CPU 类型不同, 我们建议使用者可参考 MITSUBISHI MELSEC-Q 手册的设备类型列表.

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.00	Jul/10/2012	发布驱动程序.

Mitsubishi MELSEC-Q/L - Binary Mode (Ethernet)

支持系列: Mitsubishi Q 系列 (Q03UDE, Q04UDEH, Q06UDEH, Q10UDEH, Q13UDEH, Q20UDEH, Q26UDEH), Mitsubishi L 系列(L02, L26-BT), MELSEC-Q/L 通讯协议应用至 Ethernet 接口或 Ethernet 模块的 CPU.

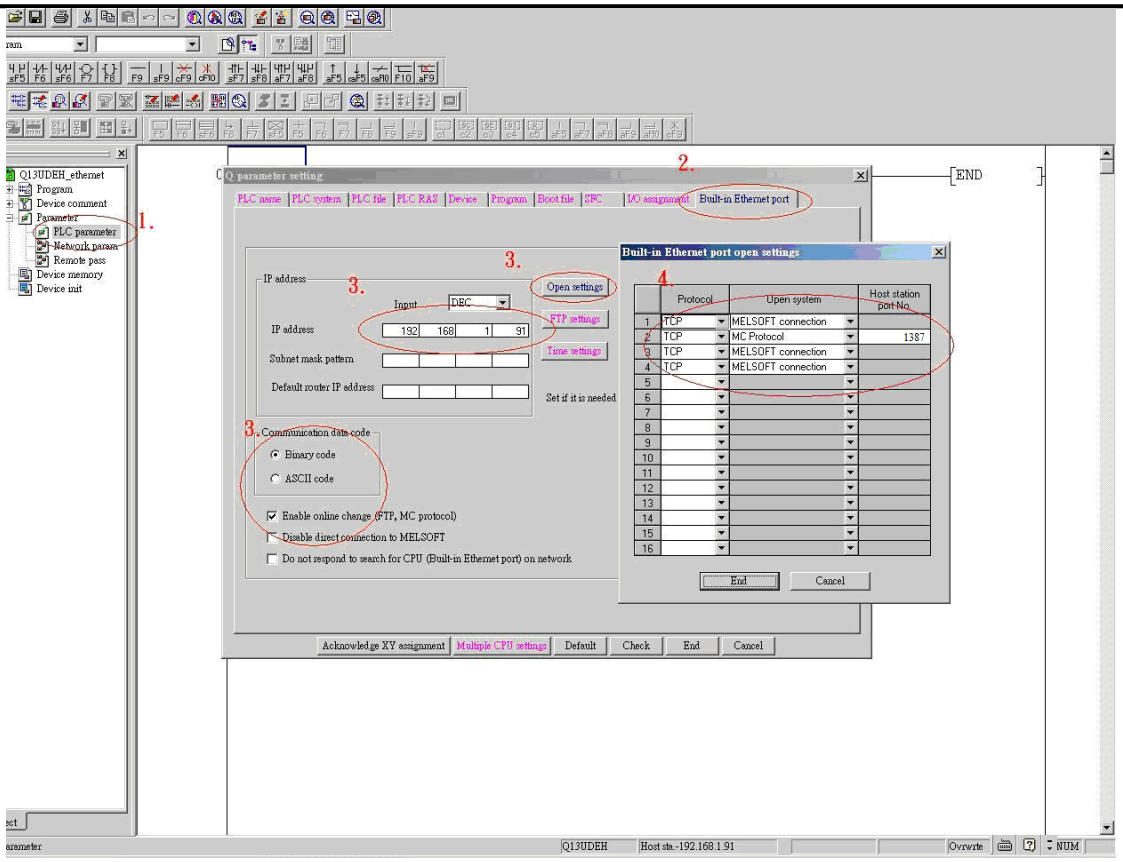
网站: http://www.mitsubishi-automation.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Mitsubishi MELSEC-Q/L - Binary Mode (Ethernet)		
PLC 界面	Ethernet		
PLC 站号	需与 PLC 设定相同	255	Q13UDEH 需设定 255
参数 1	Networking no. (需与 PLC 设定相同)	0~255	Q13UDEH 需设定 0
端口	需与 PLC 设定相同		建议设端口为 4999

PLC 设定:

MITSUBISHI Q/L 系列 Ethernet 模块设定:
注意: 若使用 QJ71E71 模块, 请参考 MITSUBISHI QJ71E71 连接手册.



1. 点选 [PLC parameter]
2. 选择[Built-in Ethernet port].
3. 点选 [Open 设定]并设定 IP address 和 communication data code
4. 设定 MC protocol-TCP 端口 1387 (Hex) 和 EasyBuilder TCP 埠为 4999 (Dec).

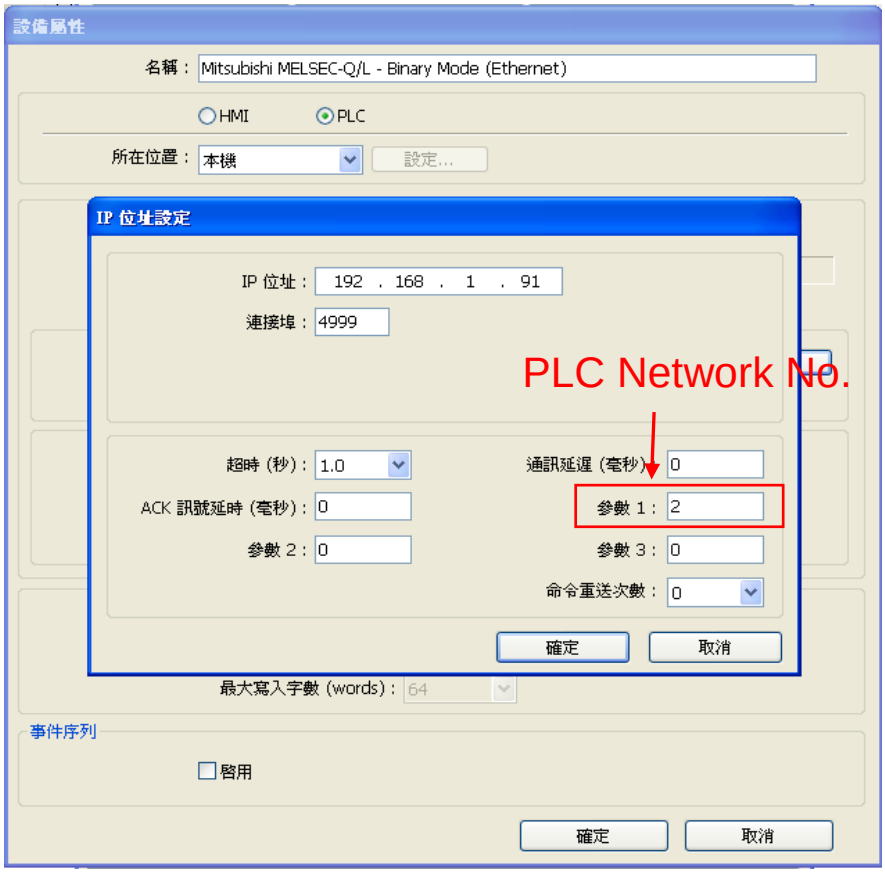
*若非搭配网络模块请忽略下列设定

注意: 在 EasyBuilder, 请在参数 1 填入 network no.

例如, 从下图得知, Network no. 为 2.

	Module 1
Network type	Ethernet
Starting I/O No.	0000
Network No.	2
Total stations	
Group No.	1
Station No.	1
Mode	On line
	Operational settings
	Initial settings
	Open settings
	Router relay parameter
	Station No.<->IP information
	FTP Parameters
	E-mail settings

使用者必需在参数 1 设定 2.



设备类型:

字符/位	设备类型	格式	范围	注释
B	SM	DDDD	0 ~ 2047	Special Relay
B	X	HHHH	0 ~ 1fff	Input Relay
B	Y	HHHH	0 ~ 1fff	Output Relay
B	M	DDDDD	0 ~ 61439	Internal Relay
B	L	DDDDD	0 ~ 32767	Latch Relay
B	F	DDDDD	0 ~ 32767	Annunciator
B	V	DDDDD	0 ~ 32767	Edge Relay
B	B	HHHH	0 ~ efff	Link Relay
B	TS	DDDDD	0 ~ 25471	Timer Contact
B	TC	DDDDD	0 ~ 25471	Timer Coil
B	SS	DDDDD	0 ~ 25471	Retentive Timer Contact
B	SC	DDDDD	0 ~ 25471	Retentive Timer Coil
B	CS	DDDDD	0 ~ 25471	Counter Contact
B	CC	DDDDD	0 ~ 25471	Counter Coil
B	SB	HHHH	0 ~ 7fff	Special Link Relay
B	S	DDDD	0 ~ 8191	Step relay

字符/位	设备类型	格式	范围	注释
B	DX	HHHH	0 ~ 1fff	Direct Input
B	DY	HHHH	0 ~ 1fff	Direct Output
B	D_Bit	DDDDDDDh	0 ~ 4184063f	Data Register bit
B	SD_bit	DDDDh	0 ~ 2047f	Special register Bit
B	ZR_bit	HHHHHHh	0 ~ 3fd7fff	File Register Bit
B	R_bit	DDDDDh	0 ~ 32767f	File Register Bit
B	SW_bit	HHHh	0 ~ 7fff	Special Link Register Bit
B	W_bit	HHHHHHh	0 ~ 3fd7fff	Link Register Bit
W	SD	DDDD	0 ~ 2047	Special register
W	D	DDDDDDD	0 ~ 4184063	Data Register
W	W	HHHHHH	0 ~ 3fd7ff	Link Register
W	TN	DDDDD	0 ~ 25471	Timer Current value
W	SN	DDDDD	0 ~ 25471	Retentive Timer Current value
W	CN	DDDDD	0 ~ 25471	Counter Current value
W	SW	HHH	0 ~ 7ff	Special Link Register
W	Z	DD	0 ~ 20	Index Register
W	R	DDDDD	0 ~ 32767	File Register
W	ZR	HHHHHH	0 ~ 3fd7ff	File Register

注意: 由于每个 CPU 类型不同, 我们建议使用者可参考 MITSUBISHI MELSEC-Q 手册的设备类型列表.

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.30	Jan/14/2011	

Mitsubishi MR J3/J4 A

网站: http://www.mitsubishi-automation.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Mitsubishi MR J3/J4 A		
PLC 界面	RS485 4W	RS232/RS485	
传输速率	9600	9600~115200	
校验	Even		
数据位	8		
停止位	1		
PLC 站号	0	0~31	

设备类型:

字符/位	设备类型	格式	范围	注释
B	EIP	DD	0 ~ 31	外部输入 PIN 状态读出 *3
B	EOP	DD	0 ~ 31	外部输出 PIN 状态读出 *3
W	PA	DDDD	1 ~ 32	基本参数设定 *4
W	PB	DDDD	1 ~ 64	增益、滤波器参数 *4
W	PC	DDDD	1 ~ 80	扩增设定参数 *4
W	PD	DDDD	1 ~ 48	输出入设定参数 *4
W	Status	DDDD	0 ~ 41	放大器状态信息 *1
W	Alarm	D	0 ~ 6	警报
W	Alarm_T	D	0 ~ 6	警报时间(小时) *2
W	Mode	D	1 ~ 4	唯写，运行模式 *2
W	Speed	D	0 ~ 1	唯写，设定现在速度 *3
W	Acc	D	0 ~ 1	唯写，设定加速度 *3
W	Rotation	D	0 ~ 1	唯写，旋转方向 *3
W	End	D	0 ~ 1	唯写，结束 *3
W	M_dist	D	0 ~ 1	唯写，移动距离 *3
W	Rot_P	D	0 ~ 1	唯写，旋转位置 *3
W	P_start	D	0 ~ 1	唯写，位置定位开始*3
W	Cur_Alarm	D	0 ~ 1	目前发生中的警报
W	PE	DDDD	1 ~ 64	扩增设定参数 2 *4
W	PF	DDDD	1 ~ 48	扩增设定参数 3 *4

Note1：放大器状态信息

地址	项目
0	Cumulative feedback pulses
1	Servo motor speed
2	Droop pulse
3	Cumulative cmd. Pulses
4	Command pulse frequency
5	Analog speed command voltage
6	Analog torque command voltage
7	Regenerative load ratio
8	Effective load ratio
9	Peak load ratio
10	Instantaneous torque
11	Within one-revolution position
12	ABS conter
13	Load inertia moment ratio
14	Bus voltage
15	Load-side cumulative feedback pulses
16	Load-side droop pulses
17	Load-side encoder information 1
18	Load-side encoder information 2
22	Motor thermistor temperature
23	Motor-side cumu.feedback pulses(before gear)
24	Electrical angle
30	Motor-side / load –side position deviation
31	Motor-side / load –side speed diviation
32	Encoder inside temperature
33	Setting time
34	Oscillation detection frequency
35	Number of tough drive operations
40	Unit power consumption
41	Unit total power consumption

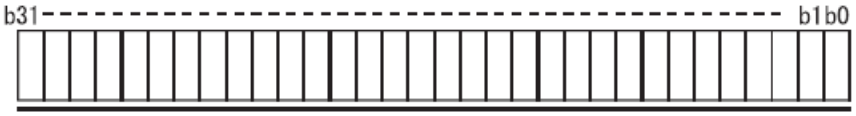
Note2：代表缓存器只允许写入,此类缓存器的用途是实现 Jog 与 Positioning 模式

Note3：代表缓存器只允许读取

Note4：地址 1~xx 写入 RAM / 地址 1001~10xx 写入 ROM

EIP:

副局回覆輸入PIN的狀態。



各bit的個別指令以16進資料傳往主局

bit	CN1接頭PIN
0	43
1	44
2	42
3	15
4	19
5	41
6	16
7	17

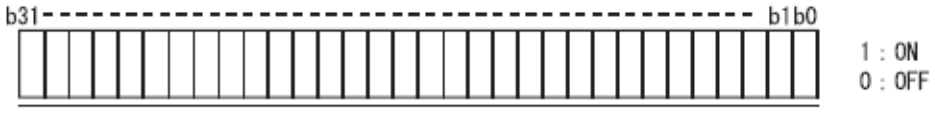
bit	CN1接頭PIN
8	18
9	45
10	
11	
12	
13	
14	
15	

bit	CN1接頭PIN
16	
17	
18	
19	
20	
21	
22	
23	

bit	CN1接頭PIN
24	
25	
26	
27	
28	
29	
30	
31	

EOP:

副局回覆輸入PIN的狀態。



各bit的個別指令以16進資料傳往主局

bit	CN1接頭PIN
0	49
1	24
2	23
3	25
4	22
5	48
6	33
7	

bit	CN1接頭PIN
8	
9	
10	
11	
12	
3	
14	
15	

bit	CN1接頭PIN
16	
17	
18	
19	
20	
21	
22	
23	

bit	CN1接頭PIN
24	
25	
26	
27	
28	
29	
30	
31	

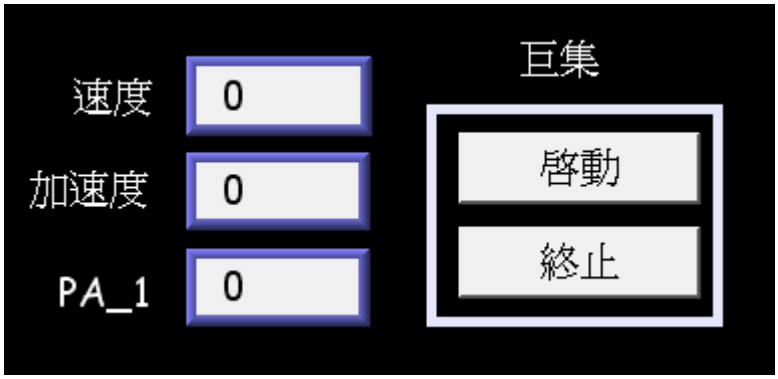
如何使用 EasyBuilder8000/Easy BuilderPro 实现 Jog 与 Positioning Mode

*Jog Mode

依照手册上的说明，使用 Jog Mode 必须遵守以下顺序：

(1) 使用 Jog 运转模式
(2) 转速设定
(3) 加速度设定
(4) 正反转方向设定
(5) 终止

以下是利用 EasyBuilder8000/Easy BuilderPro 里的宏来实现上列的程序



上图为 EasyBuilder8000/Easy BuilderPro 运作页面，其中，” 速度”Speed 的写入地址为 Local HMI 中的 LW0(地址可由用户自行设定)，”加速度”设定 LW1，另外，实现 Jog 模式，必须要与设备持续通讯，无通讯间隔不可超过 0.5 秒，否则马达会被锁定住，所以只要放置一个可以读设备值的缓存器即可，本范例放置 PA_1 来达成此目的。

以下是宏示范程序

a.启动宏

```
macro_command main()
short speed
short acc
short mode
mode = 1    //  代表 Jog  运转模式

SetData(mode, "MITSUBISHI MR J3 A", Mode, 1, 1)    //  设定驱动器模式为 Jog

GetData(speed, "Local HMI", LW, 0, 1)    //  把 LW0  值存入 speed
SetData(speed, "MITSUBISHI MR J3 A", Speed, 0, 1) //  设定马达运行速度

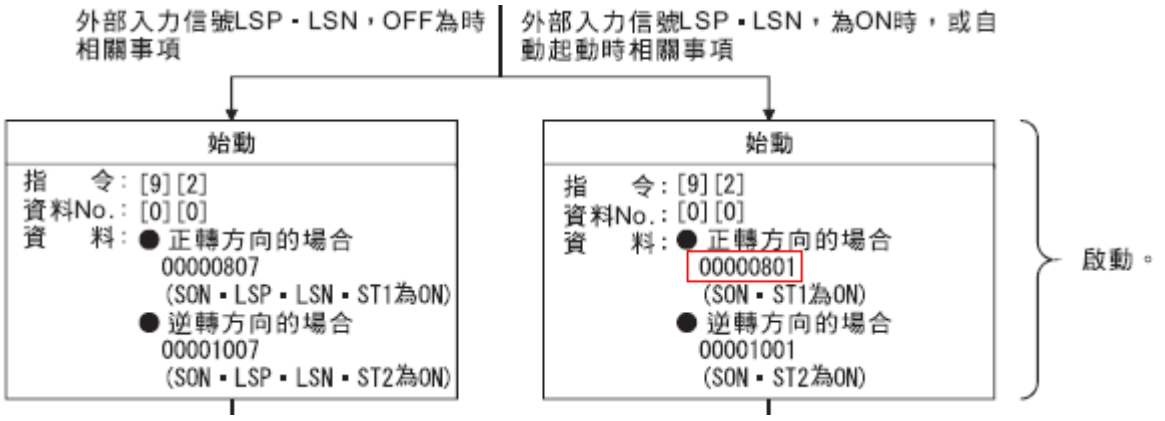
GetData(acc, "Local HMI", LW, 1, 1)    //
SetData(acc, "MITSUBISHI MR J3 A", Acc, 0, 1) //设定马达加速度
```

short motion
motion = 0x0801　// 特殊代码，注 1

SetData(motion, "MITSUBISHI MR J3 A", Rotation, 0, 1) // 旋转

end macro_command

注 1: 原厂说明如下



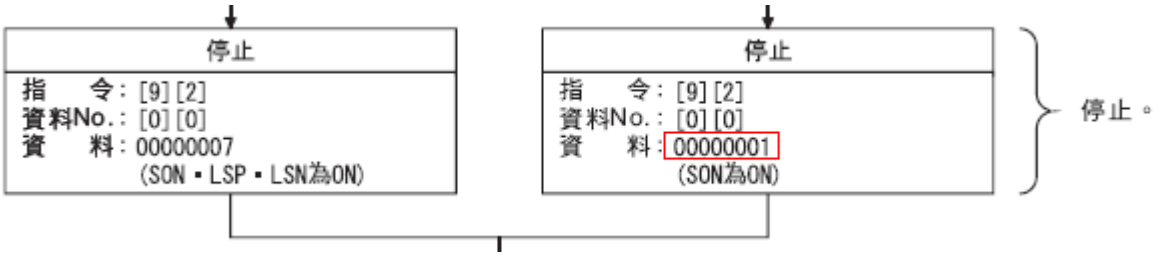
b.终止宏
macro_command main()

short　stop
stop = 1　//注 2

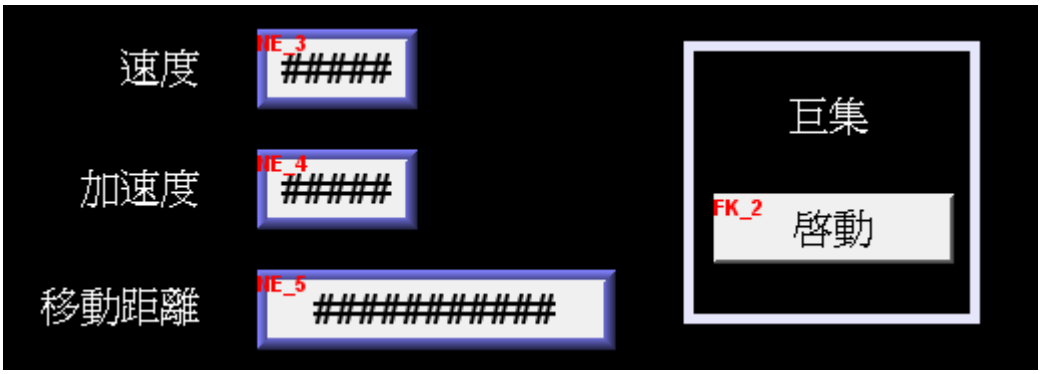
SetData(stop, "MITSUBISHI MR J3 A", End, 1, 1)

end macro_command

注 2: 原厂说明如下



***Positioning Mode**



上图为EasyBuilder8000/Easy BuilderPro运作页面，其中，”速度” 的写入地址为Local HMI 中的 LW2(地址可由用户自行设定)，”加速度”设定 LW3，” 移动距离” 设定 LW4(DW 格式)。

以下是宏示范程序

```
macro_command main()

short mode
mode = 0x2    // positioning 模式
SetData(mode, "MITSUBISHI MR J3 A", Mode, 1, 1)

short speed
GetData(speed, "Local HMI", LW, 2, 1)
SetData(speed, "MITSUBISHI MR J3 A", Speed, 0, 1)

short acc
GetData(acc, "Local HMI", LW, 3, 1)
SetData(acc, "MITSUBISHI MR J3 A", Acc, 0, 1)

short dist
GetData(dist, "Local HMI", LW, 4, 1)
SetData(dist, "MITSUBISHI MR J3 A", M_dist, 0, 1)

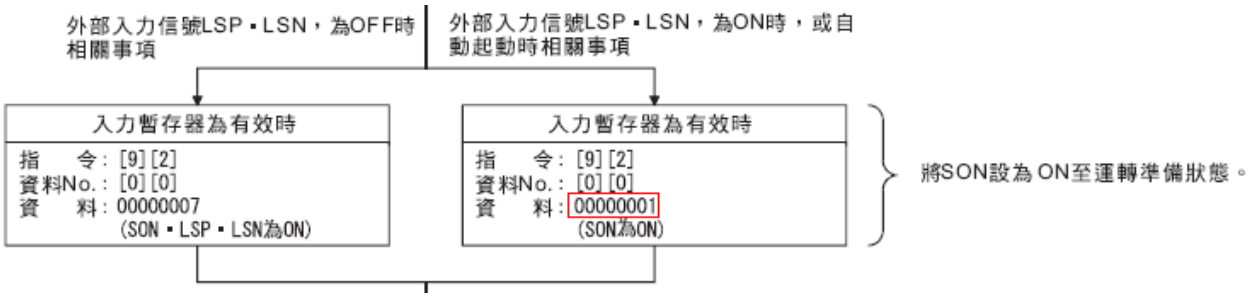
short rot_P
rot_P = 1             // 正转设 0   反转设 1
SetData(rot_P, "MITSUBISHI MR J3 A", Rot_P, 0, 1)

short rotat
rotat = 1     //注 3
SetData(rotat, "MITSUBISHI MR J3 A", Rotation, 0, 1)
```

SetData(rot_P, "MITSUBISHI MR J3 A", P_start, 0, 1) //定位开始

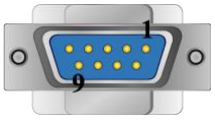
end macro_command

注 3. 原厂说明如下

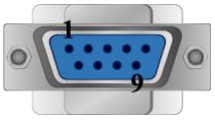


接线图:

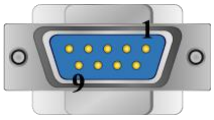
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			CN3 RS485 4W RJ45 Male
1 RX-			4 TX-
2 RX+			5 TX+
3 TX-			6 RX-
4 TX+			3 RX+
5 GND			7 GND
			

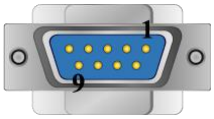
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			CN3 RS485 4W RJ45 Male
7 RX-			4 TX-
6 RX+			5 TX+
9 TX-			6 RX-
8 TX+			3 RX+
5 GND			7 GND
			

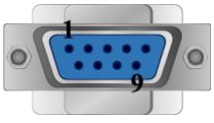
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			CN3 RS485 4W RJ45 Male
1 RX-			4 TX-
2 RX+			5 TX+
3 TX-			6 RX-
4 TX+			3 RX+
5 GND			7 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			CN3 RS485 4W RJ45 Male
1 RX-			4 TX-
2 RX+			5 TX+
3 TX-			6 RX-
4 TX+			3 RX+
5 GND			7 GND
			

MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			CN3 RS485 4W RJ45 Male
1 RX-			4 TX-
2 RX+			5 TX+
3 TX-			6 RX-
4 TX+			3 RX+
5 GND			7 GND
			

驱动版本:

版本	日期	叙述
V1.00	Sep/01/2011	发布驱动程序.
V1.10	Jan/13/2012	新增 EIP,EOP 缓存器.
V1.40		

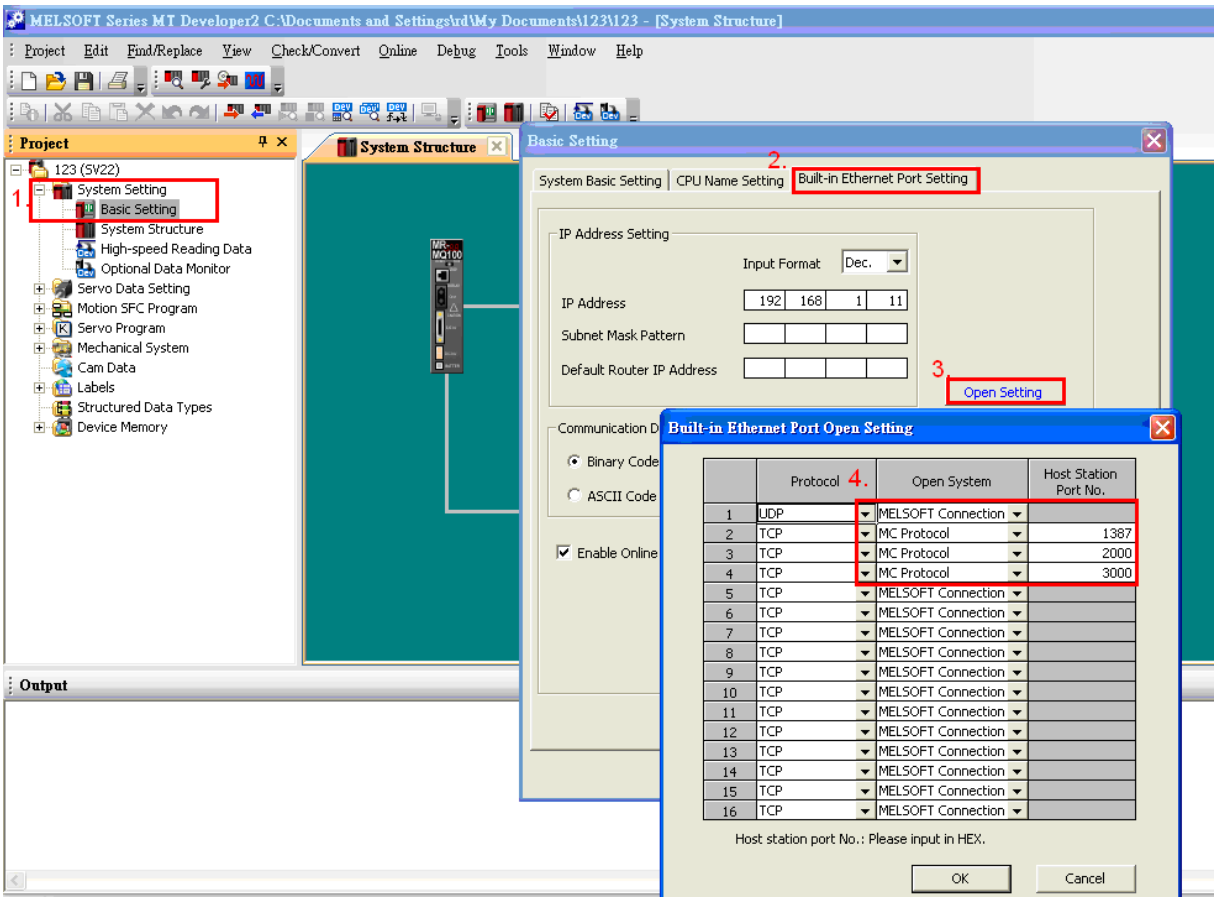
Mitsubishi MR-MQ100 (Ethernet)

支持系列: Mitsubishi MR-MQ100-Ethernet
网站: http://www.mitsubishi-automation.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Mitsubishi MR-MQ100 (Ethernet)		
PLC 界面	Ethernet		
PLC 站号	255		
参数 1	1		Networking no.
端口	需与 PLC 设定相同		建议设端口: 4999

PLC 设定:



1. 点选 Basic 设定
2. 选择 Built-in Ethernet port 设定页签
3. 点选 Open 设定并设定 IP address 和 communication data code
4. 设定 MC protocol-TCP 端口 (Hex)
5.

设备类型:

字符/位	设备类型	格式	范围	注释
B	SM	DDDD	0 ~ 2255	Special Relay
B	X	HHHH	0 ~ 1fff	Input
B	Y	HHHH	0 ~ 1fff	Output
B	M	DDDDD	0 ~ 61439	Internal Relay
B	F	DDDDD	0 ~ 32767	Annunciator
B	B	HHHH	0 ~ efff	Link Relay
B	D_Bit	DDDDDDDh	0 ~ 4184063f	
W	SD	DDDD	0 ~ 2255	Special Register
W	D	DDDDDDD	0 ~ 4184063	Data Register
W	W	HHHHHH	0 ~ 3fd7ff	Link Register
W	#	DDDDD	0 ~ 12287	Motion Register

Note: ddd: Decimal, hhh: Hexadecimal, ooo: Octal.

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.10	Jun/08/2011	新增 D_Bit 缓存器.

Mitsubishi Q00/Q00UJ/Q01/QJ71

支持系列: Mitsubishi Q 系列 PLC 与 QJ71C24 通讯模块, Q00, Q00J, Q00UJ, Q01, Q02H, Q06H, Q12H, Q25H, Q12PH, Q25PH CPU 埠.

网站: http://www.mitsubishi-automation.com

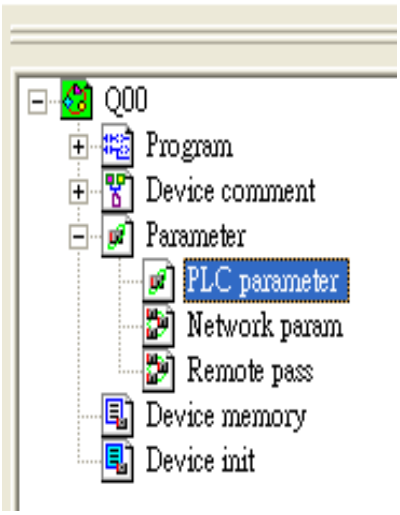
HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Mitsubishi Q00/Q00UJ/Q01/QJ71		
PLC 界面	RS232	RS485 4W, RS232	
传输速率	9600	9600~115200	
校验	Odd		
数据位	8		
停止位	1		
PLC 站号	0		

在线仿真	YES	扩展模式	NO

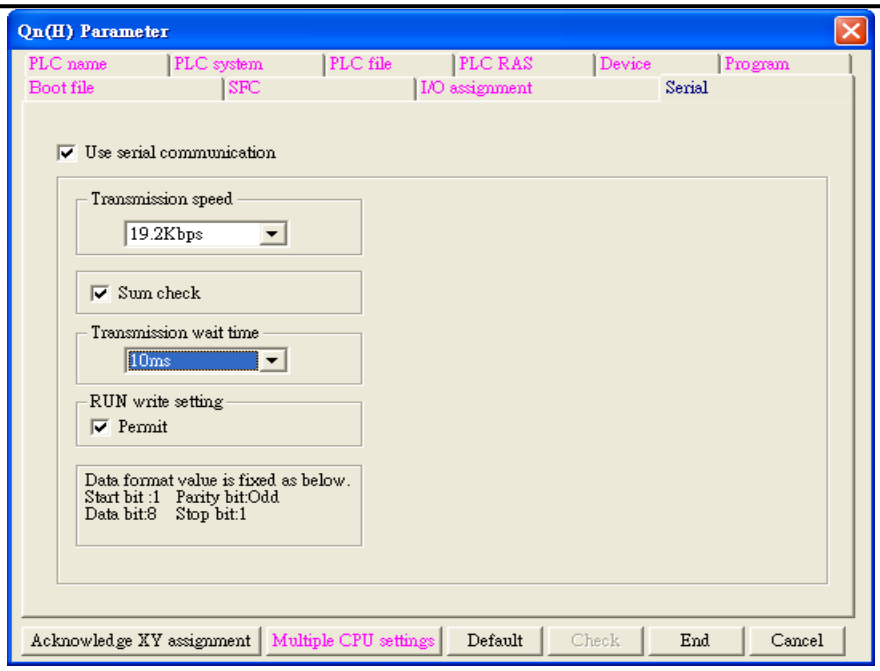
PLC 设定:

Q00, Q01 CPU 埠设定:

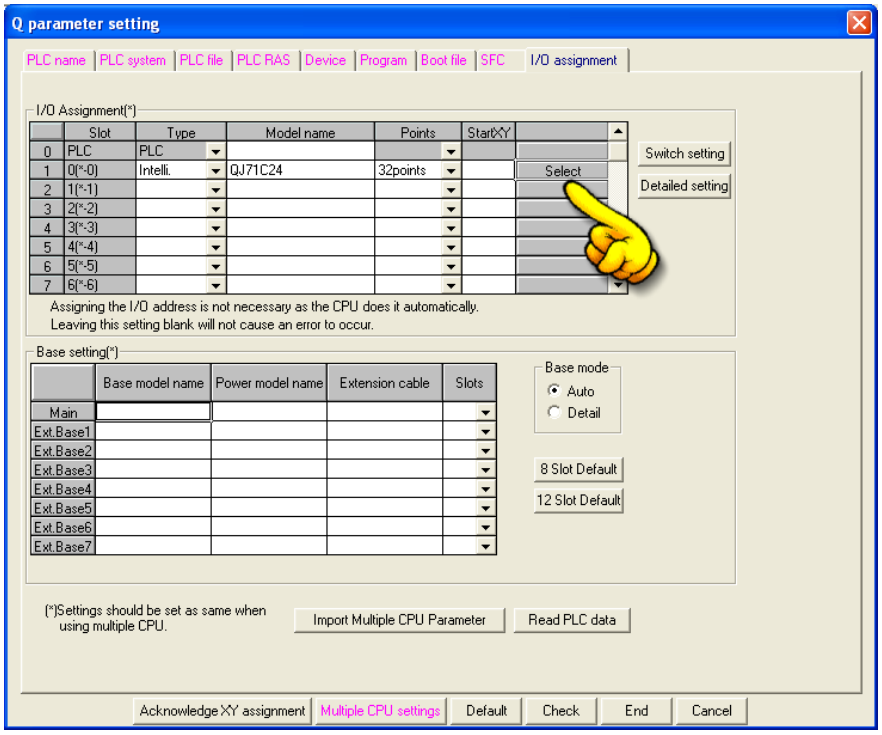


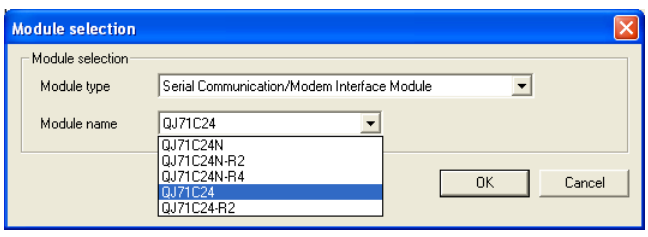
1. 在 GX Developer “PLC data list” 点选 “PLC parameter”
2. 在 “PLC parameter” 选择 “Serial” 页签.
3. 勾选 “Use serial communication”
4. 设定 “Transmission speed”. 9600 ~ 115200.
5. 勾选 “Sum check”
6. 选择 “Transmission wait time” 为 10ms.
7. 勾选 “RUN write 设定”
8. 点选 “End” 结束对话窗.
9. 将 PLC Parameter 载入 PLC.
10. 重启 PLC, 参数即生效.

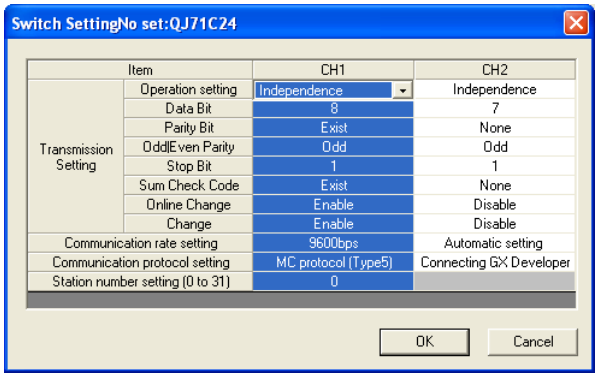
Note: 请务必勾选 “RUN write 设定” (Permit).


Qn(H) Parameter
PLC name
PLC system
PLC file
PLC RAS
Device
Program
Boot file
SFC
I/O assignment
Serial
Use serial communication
Transmission speed
19.2Kbps
Sum check
Transmission wait time
10ms
RUN write setting
Permit
Data format value is fixed as below.
Start bit :1 Parity bit:Odd
Data bit:8 Stop bit:1
Acknowledge XY assignment
Multiple CPU settings
Default
Check
End
Cancel

QJ71 设定:


Q parameter setting
PLC name
PLC system
PLC file
PLC RAS
Device
Program
Boot file
SFC
I/O assignment
I/O Assignment(*)
Slot
Type
Model name
Points
StartXY
0 PLC PLC
1 0(*-0) Intelli. QJ71C24 32points Select
2 1(*-1)
3 2(*-2)
4 3(*-3)
5 4(*-4)
6 5(*-5)
7 6(*-6)
Switch setting
Detailed setting
Assigning the I/O address is not necessary as the CPU does it automatically.
Leaving this setting blank will not cause an error to occur.
Base setting(*)
Base model name
Power model name
Extension cable
Slots
Main
Ext.Base1
Ext.Base2
Ext.Base3
Ext.Base4
Ext.Base5
Ext.Base6
Ext.Base7
Base mode
Auto
Detail
8 Slot Default
12 Slot Default
(*)Settings should be set as same when using multiple CPU.
Import Multiple CPU Parameter
Read PLC data
Acknowledge XY assignment
Multiple CPU settings
Default
Check
End
Cancel


Module selection
Module selection
Module type
Serial Communication/Modem Interface Module
Module name
QJ71C24
QJ71C24N
QJ71C24N-R2
QJ71C24N-R4
QJ71C24
QJ71C24-R2
OK
Cancel


Switch SettingNo set:QJ71C24
Item
CH1
CH2
Transmission Setting
Operation setting
Independence
Independence
Data Bit
8
7
Parity Bit
Exist
None
Odd|Even Parity
Odd
Odd
Stop Bit
1
1
Sum Check Code
Exist
None
Online Change
Enable
Disable
Change
Enable
Disable
Communication rate setting
9600bps
Automatic setting
Communication protocol setting
MC protocol (Type5)
Connecting GX Developer
Station number setting (0 to 31)
0
OK
Cancel

设备类型:

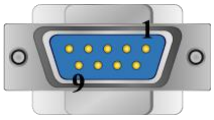
字符/位	设备类型	格式	范围	注释
B	X	HHHH	0 ~ 1fff	Input Relay
B	Y	HHHH	0 ~ 1fff	Output Relay
B	M	DDDDD	0 ~ 61439	Internal Relay
B	L	DDDD	0 ~ 8191	Latch Relay
B	F	DDDD	0 ~ 2047	Annunciator
B	V	DDDD	0 ~ 2047	Edge Relay
B	B	HHHH	0 ~ 1fff	Link Relay
B	TC	DDDD	0 ~ 2047	Timer Coil
B	SS	DDDD	0 ~ 2047	Retentive Timer Contact
B	SC	DDDD	0 ~ 2047	Retentive Timer Coil
B	CS	DDDD	0 ~ 1023	Counter Contact
B	CC	DDDD	0 ~ 1023	Counter Coil
B	SB	HHH	0 ~ 7ff	Special Link Relay
B	S	DDDD	0 ~ 8191	Step Relay
B	DX	HHHH	0 ~ 1fff	Direct Input
B	DY	HHHH	0 ~ 1fff	Direct Output
B	TS	DDDD	0 ~ 2047	Timer Contact
B	SM	DDDD	0 ~ 2047	
B	D_Bit	DDDDDDDh	0 ~ 4212735f	
W	W	HHHH	0 ~ 2fff	Link Register
W	TN	DDDD	0 ~ 2047	Timer Current Value
W	SN	DDDD	0 ~ 2047	Retentive Timer Current Value
W	CN	DDDD	0 ~ 1023	Counter Current Value
W	R	FFDDDDD	0 ~ 3132767	File Register (FF:File No. 0~31)(DDDDD:0~32767)
W	SW	HHH	0 ~ 7ff	Special Link Register
W	Z	DD	0 ~ 15	Index Register
W	ZR	HHHHH	0 ~ fe7a5	File Register
W	ZR_decimal_addr	DDDDDDD	0 ~ 1042341	
W	D	DDDDDDD	0 ~ 4212735	Data Register
W	SD	DDDD	0 ~ 2047	

接线图:

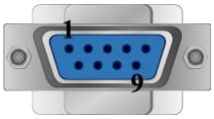
以下图表示从连接线的焊接端所视.

QJ71C24 CH.2 RS422 Terminal

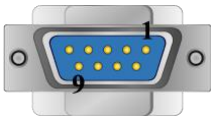
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			QJ71C24 CH.2 RS422 Terminal
1 RX-			SDB
2 RX+			SDA
3 TX-			RDB
4 TX+			RDA
5 GND			GND
			

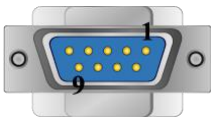
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			QJ71C24 CH.2 RS422 Terminal
7 RX-			SDB
6 RX+			SDA
9 TX-			RDB
8 TX+			RDA
5 GND			GND
			

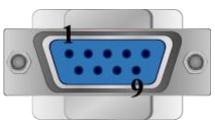
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			QJ71C24 CH.2 RS422 Terminal
1 RX-			SDB
2 RX+			SDA
3 TX-			RDB
4 TX+			RDA
5 GND			GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			QJ71C24 CH.2 RS422 Terminal
1 RX-			SDB
2 RX+			SDA
3 TX-			RDB
4 TX+			RDA
5 GND			GND
			

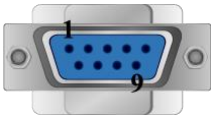
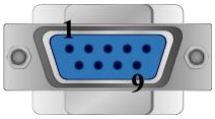
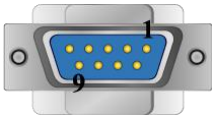
MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			QJ71C24 CH.2 RS422 Terminal
1 RX-			SDB
2 RX+			SDA
3 TX-			RDB
4 TX+			RDA
5 GND			GND
			

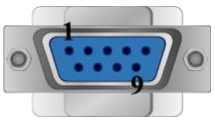
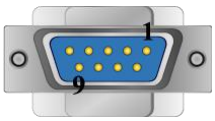
以下图表示从连接线的焊接端所视.

QJ71C24 CH.2 RS232

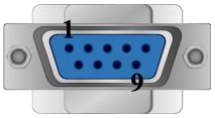
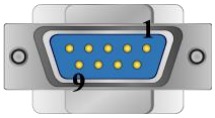
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		QJ71C24 CH.1 RS232 9P D-Sub Male	
2 RX	8 RX		3 TXD	
3 TX	7 TX		2 RXD	
5 GND	5 GND		5 GND	
			1 DCD	circuit
			4 DTR	
			6 DSR	
			7 RTS	circuit
			8 CTS	
				

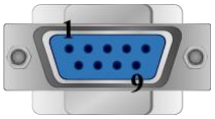
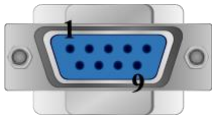
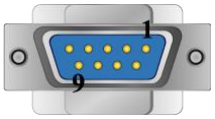
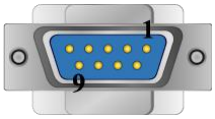
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			QJ71C24 CH.1 RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			1 DCD	circuit
			4 DTR	
			6 DSR	
			7 RTS	circuit
			8 CTS	
				

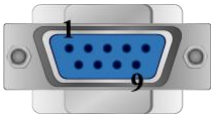
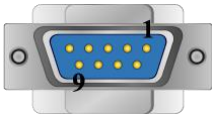
MT8000iE series

COM1 RS232 9P D-Sub Female			QJ71C24 CH.1 RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			1 DCD	
			4 DTR	circuit
			6 DSR	
			7 RTS	
			8 CTS	circuit
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	QJ71C24 CH.1 RS232 9P D-Sub Male	
2 RX	6 RX	8 RX	3 TXD	
3 TX	4 TX	7 TX	2 RXD	
5 GND	5 GND	5 GND	5 GND	
			1 DCD	
			4 DTR	circuit
			6 DSR	
			7 RTS	
			8 CTS	circuit
				

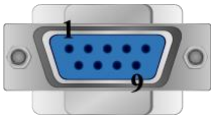
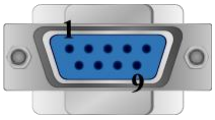
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			QJ71C24 CH.1 RS232 9P D-Sub Male	
9 RX			3 TXD	
6 TX			2 RXD	
5 GND			5 GND	
			1 DCD	
			4 DTR	circuit
			6 DSR	
			7 RTS	circuit
			8 CTS	
				

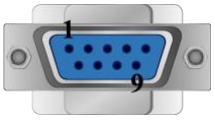
以下图表示从连接线的焊接端所视.

9P D-Sub to 6P Mini-DIN: Q00, Q01 CPU port RS232

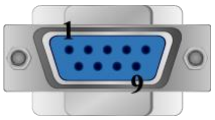
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 6P Mini-DIN Female socket
2 RX	8 RX		3 TXD
3 TX	7 TX		4 RXD
5 GND	5 GND		5 GND
			

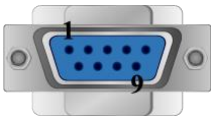
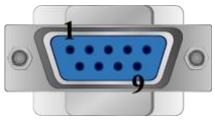
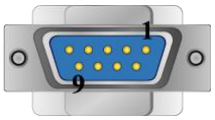
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 6P Mini-DIN Female socket
2 RX			3 TXD
3 TX			4 RXD
5 GND			5 GND
			

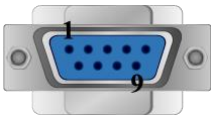
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 6P Mini-DIN Female socket
2 RX			3 TXD
3 TX			4 RXD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 6P Mini-DIN Female socket
2 RX	6 RX	8 RX	3 TXD
3 TX	4 TX	7 TX	4 RXD
5 GND	5 GND	5 GND	5 GND
			

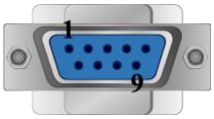
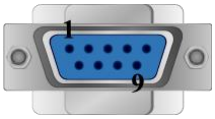
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 6P Mini-DIN Female socket
9 RX			3 TXD
6 TX			4 RXD
5 GND			5 GND
			

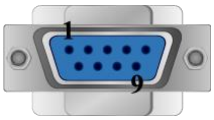
以下图表示从连接线的焊接端所视.

9P D-Sub to 6P Mini-DIN: Q00UJ CPU port RS232

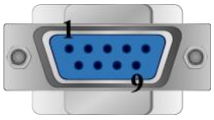
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 6P Mini-DIN Female socket	
2 RX	8 RX		3 TXD	
3 TX	7 TX		4 RXD	
5 GND	5 GND		5 GND	
			1 RTS 6 CTS	circuit
				

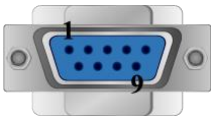
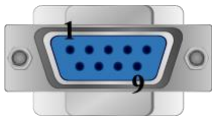
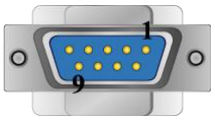
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 6P Mini-DIN Female socket	
2 RX			3 TXD	
3 TX			4 RXD	
5 GND			5 GND	
			1 RTS 6 CTS	circuit
				

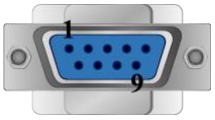
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 6P Mini-DIN Female socket	
2 RX			3 TXD	
3 TX			4 RXD	
5 GND			5 GND	
			1 RTS 6 CTS	circuit
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 6P Mini-DIN Female socket	
2 RX	6 RX	8 RX	3 TXD	
3 TX	4 TX	7 TX	4 RXD	
5 GND	5 GND	5 GND	5 GND	
			1 RTS 6 CTS	circuit
				

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 6P Mini-DIN Female socket	
9 RX			3 TXD	
6 TX			4 RXD	
5 GND			5 GND	
			1 RTS 6 CTS	circuit
				

驱动版本:

版本	日期	叙述
V1.80	Jun/08/2011	新增 D_Bit 缓存器.
V1.90	Sep/23/2011	修正位通讯错误.
V2.00	Nov/12/2012	新增 ZR_decimal_addr 缓存器. 扩充缓存器 M,D,R,ZR 的地址范围.

Mitsubishi Q00J

支持系列: Mitsubishi Q00J CPU

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Mitsubishi Q00J		
PLC 界面	RS232		CPU port
传输速率	115200	9600,19200,38400, 57600,115200	
数据位	8		
校验	Odd		
停止位	1		
PLC 站号			

在线仿真	NO	扩展模式	NO

*于穿透模式下可同时支持 HMI 与 PLC 间的通讯

*于穿透模式下可设定 LW-9903 为 2 来增进上传/下载 PLC 程序的速度

设备类型:

字符/位	设备类型	格式	范围	注释
B	SM	DDDD	0 ~ 1023	
B	X	HHH	0 ~ 7ff	
B	Y	HHH	0 ~ 7ff	
B	M	DDDDD	0 ~ 61439	
B	L	DDDD	0 ~ 2047	
B	F	DDDD	0 ~ 1023	
B	V	DDDD	0 ~ 1023	
B	B	HHH	0 ~ 7ff	
B	SB	HHH	0 ~ 3ff	
B	D_Bit	DDDDDDDh	0 ~ 4212735f	
W	SD	DDDD	0 ~ 1023	
W	D	DDDDDDD	0 ~ 4212735	
W	W	HHH	0 ~ 7ff	
W	SW	HHH	0 ~ 3ff	
W	Z	D	0 ~ 9	

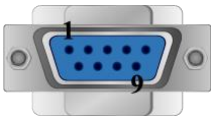
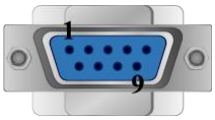
字符/位	设备类型	格式	范围	注释
W	C	DDD	0 ~ 511	
W	T	DDD	0 ~ 511	

接线图:

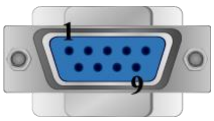
以下图表示从连接线的焊接端所视.

9P D-Sub to 6P Mini-DIN: Q00 CPU port RS232

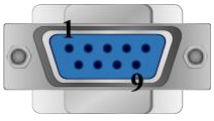
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 6P Mini-DIN Female socket
2 RX	8 RX		3 TXD
3 TX	7 TX		4 RXD
5 GND	5 GND		5 GND
			

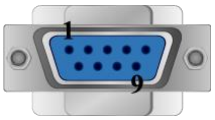
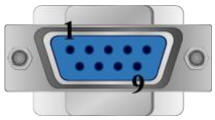
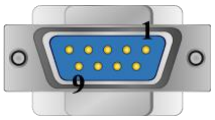
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 6P Mini-DIN Female socket
2 RX			3 TXD
3 TX			4 RXD
5 GND			5 GND
			

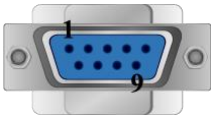
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 6P Mini-DIN Female socket
2 RX			3 TXD
3 TX			4 RXD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 6P Mini-DIN Female socket
2 RX	6 RX	8 RX	3 TXD
3 TX	4 TX	7 TX	4 RXD
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 6P Mini-DIN Female socket
9 RX			3 TXD
6 TX			4 RXD
5 GND			5 GND
			

MT8-Mitsubishi-Q-3M 连接线能够使 HMI 与 Mitsubishi Q 系列直连.

驱动版本:

版本	日期	叙述
V1.20	Jun/08/2011	新增 D_bit 缓存器.
V1.30	Nov/12/2012	扩充缓存器 M , D 地址范围.

Mitsubishi Q00U/Q01U/Q02U/QnUD/QnUDH

支持系列: Mitsubishi Q00U, Q01U, Q02U, Q03UD, Q04UDH, Q06UDH, Q10UDH, Q13UDH, Q20UDH, Q26UDH, Q00UJ CPU.

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Mitsubishi Q00U/Q01U/Q02U/QnUD/QnUDH		
PLC 界面	RS232	RS485 4W, RS232	CPU 埠直连
传输速率	115200	115200 only	9600,19200,38400,57600,115200 但 Q00UJ 只支援 9600
校验	Odd		
数据位	8		
停止位	1		
PLC 站号	No		

在线仿真	NO	扩展模式	NO

设备类型:

字符/位	设备类型	格式	范围	注释
B	SM	DDDD	0 ~ 2047	
B	X	HHHH	0 ~ 1fff	Input Relay
B	Y	HHHH	0 ~ 1fff	Output Relay
B	M	DDDDD	0 ~ 61439	Internal Relay
B	L	DDDDD	0 ~ 32767	Latch Relay
B	F	DDDDD	0 ~ 32767	Annunciator
B	V	DDDDD	0 ~ 32767	Edge Relay
B	B	HHHH	0 ~ 7fff	Link Relay
B	SB	HHHH	0 ~ 7fff	Special Link Relay
B	TC	DDDDD	0 ~ 2047	Timer Coil
B	CC	DDDDD	0 ~ 1023	Counter Coil
B	D_Bit	DDDDDDDh	0 ~ 4212735f	
W	SD	DDDD	0 ~ 2047	
W	D	DDDDDDD	0 ~ 4212735	Data Register
W	W	HHHHHH	0 ~ 4047ff	Link Register
W	SW	HHHH	0 ~ 6dff	Special Link Register
W	Z	DD	0 ~ 19	Index Register

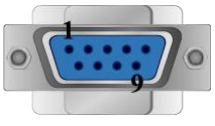
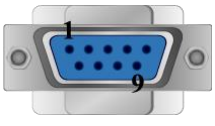
字符/位	设备类型	格式	范围	注释
W	R	FFDDDDD	0 ~ 3132767	File Register (FF:File No. 0~31) (DDDDD:0~32767)
W	ZR	HHHHHH	0 ~ fe7ff	File Register
W	ZR_decimal_addr	DDDDDDD	0 ~ 1042341	
W	C	DDDDD	0 ~ 25471	Counter Current Value
W	T	DDDDD	0 ~ 25471	Timer Current Value

注意:

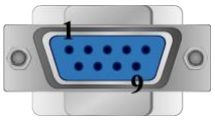
EasyBuilder 不支持 MITSUBISHI Q02U CPU 在 PC 操作在线模拟.
当使用 Q02U 驱动, HMI 需约 10 秒来初使化 PLC Q02U 驱动. 在初使化结束前, 我们建议使用者勿写入数值至PLC, 否则可能导致 “PLC no response”; 若接线图或数据不正确, 可能导致 PLC 动作不正常. 若动作异常时, 需重启 PLC 或重新装配 PLC 模块.

接线图:

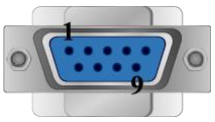
以下图表示从连接线的焊接端所视.
9P D-Sub to 6P Mini-DIN: Q02 CPU port RS232
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 6P Mini-DIN Female socket	
2 RX	8 RX		3 TXD	
3 TX	7 TX		4 RXD	
5 GND	5 GND		5 GND	
			1 RTS 6 CTS	circuit
				

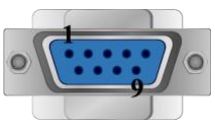
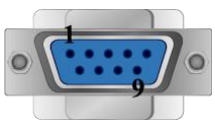
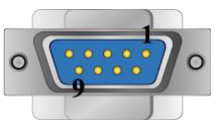
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 6P Mini-DIN Female socket	
2 RX			3 TXD	
3 TX			4 RXD	
5 GND			5 GND	
			1 RTS	circuit
			6 CTS	
				

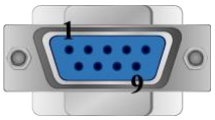
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 6P Mini-DIN Female socket	
2 RX			3 TXD	
3 TX			4 RXD	
5 GND			5 GND	
			1 RTS	circuit
			6 CTS	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 6P Mini-DIN Female socket	
2 RX	6 RX	8 RX	3 TXD	
3 TX	4 TX	7 TX	4 RXD	
5 GND	5 GND	5 GND	5 GND	
			1 RTS	circuit
			6 CTS	
				

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 6P Mini-DIN Female socket	
9 RX			3 TXD	
6 TX			4 RXD	
5 GND			5 GND	
			1 RTS	circuit
			6 CTS	
				

驱动版本:

版本	日期	叙述
V1.60	Jun/08/2011	新增 D_bit 缓存器.
V2.10	Nov/21/2012	扩充 M,D,R,ZR 地址范围.

Mitsubishi Q00UJ/QnU/QnUD/QnUDH/QnUDEH/L (mini USB)

支持系列: Mitsubishi Q00UJ, Q00U, Q01U, Q02U, Q03UDE, Q03UD, Q04UDEH, Q04UDH, Q06UDEH, Q06UDH, Q10UDEH, Q10UDH, Q13UDEH, Q13UDH, Q20UDEH, Q20UDH, Q26UDEH, Q26UDH, L02, L26-BT USB 埠.

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Mitsubishi Q00UJ/QnU/QnUD/QnUDH/QnUDEH/L (mini USB)		
PLC 界面	USB		CPU 埠直连

*不支持 X 系列 HMI

设备类型:

字符/位	设备类型	格式	范围	注释
B	SM	DDDD	0 ~ 2047	
B	X	HHHH	0 ~ 1fff	Input Relay
B	Y	HHHH	0 ~ 1fff	Output Relay
B	M	DDDDD	0 ~ 61439	Internal Relay
B	L	DDDD	0 ~ 8191	Latch Relay
B	F	DDDD	0 ~ 2047	Annunciator
B	V	DDDD	0 ~ 2047	Edge Relay
B	B	HHHH	0 ~ 1fff	Link Relay
B	SB	HHH	0 ~ 7ff	Special Link Relay
B	D_Bit	DDDDDDDh	0 ~ 4212735f	
W	SD	DDDD	0 ~ 2047	
W	D	DDDDDDD	0 ~ 4212735	Data Register
W	W	HHHH	0 ~ 1fff	Link Register
W	SW	HHH	0 ~ 7ff	Special Link Register
W	Z	DD	0 ~ 19	Index Register
W	R	FFDDDDD	0 ~ 132767	File Register (FF:File No. 0~1) (DDDDD:0~32767)
W	ZR	HHHH	0 ~ ffff	File Register
W	ZR_decimal_addr	DDDDD	0 ~ 65535	
W	C	DDDD	0 ~ 1023	Counter Current Value
W	T	DDDD	0 ~ 2047	Timer Current Value

注意:

EasyBuilder 不支持 MITSUBISHI Q02U CPU 在 PC 操作在线模拟.
当使用 Q02U 驱动, HMI 需约 10 秒来初使化 PLC Q02U 驱动. 在初使化结束前, 我们建议使用者勿写入数值至PLC, 否则可能导致 “PLC no response”; 若接线图或数据不正确, 可能导致 PLC 动作不正常. 若动作异常时, 需重启 PLC 或重新装配 PLC 模块.EasyBuilder 不支持 MITSUBISHI Q02U CPU 在PC上实现在线模拟.

驱动版本:

版本	日期	叙述
V1.30	Jun/08/2011	新增 D_bit 缓存器
V1.50	Nov/12/2012	扩充缓存器 M,D,R,ZR 地址范围

Mitsubishi Q02/02H

支持系列; Mitsubishi Q02/Q02H CPU port.

网站: http://www.mitsubishi-automation.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Mitsubishi Q02/02H		
PLC 界面	RS232	RS485 4W, RS232	
传输速率	115200	115200 only	
校验	Odd		
数据位	8		
停止位	1		
PLC 站号	0		

在线仿真	YES	扩展模式	NO
广播命令	NO		

*于穿透模式下可同时支持 HMI 与 PLC 间的通讯

*于穿透模式下可设定 LW-9903 为 2 来增进上传/下载 PLC 程序的速度

设备类型:

字符/位	设备类型	格式	范围	注释
B	X	HHHH	0 ~ 1fff	Input Relay
B	Y	HHHH	0 ~ 1fff	Output Relay
B	M	DDDDD	0 ~ 61439	Internal Relay
B	L	DDDDD	0 ~ 32767	Latch Relay
B	F	DDDDD	0 ~ 32767	Annunciator
B	V	DDDDD	0 ~ 32767	Edge Relay
B	B	HHHH	0 ~ 7fff	Link Relay
B	TC	DDDDD	0 ~ 23087	Timer Coil
B	SS	DDDDD	0 ~ 23087	Retentive Timer Contact
B	SC	DDDDD	0 ~ 23087	Retentive Timer Coil
B	CS	DDDDD	0 ~ 23087	Counter Contact
B	CC	DDDDD	0 ~ 23087	Counter Coil
B	SB	HHH	0 ~ 7ff	Special Link Relay

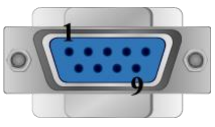
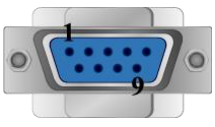
字符/位	设备类型	格式	范围	注释
B	S	DDDD	0 ~ 8191	Step Relay
B	DX	HHHH	0 ~ 1fff	Direct Input
B	DY	HHHH	0 ~ 1fff	Direct Output
B	TS	DDDD	0 ~ 2047	Timer Contact
B	D_Bit	DDDDDDDh	0 ~ 4212735f	
W	W	HHHH	0 ~ 657f	Link Register
W	TN	DDDDD	0 ~ 23087	Timer Current Value
W	SN	DDDDD	0 ~ 23087	Retentive Timer Current Value
W	CN	DDDDD	0 ~ 23087	Counter Current Value
W	R	FFDDDDD	0 ~ 3132767	File Register (FF:File No. 0~31) (DDDDD:0~32767)
W	SW	HHH	0 ~ 7ff	Special Link Register
W	Z	DD	0 ~ 15	Index Register
W	ZR	HHHHH	0 ~ fe7ff	File Register
W	ZR_decimal_addr	DDDDDDD	0 ~ 1042431	
W	D	DDDDDDD	0 ~ 4212735	Data Register

接线图:

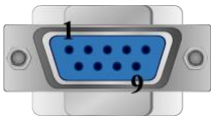
以下图表示从连接线的焊接端所视.

9P D-Sub to 6P Mini-DIN: Q02 CPU port RS232

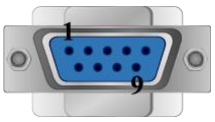
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 6P Mini-DIN Female socket	
2 RX	8 RX		3 TXD	
3 TX	7 TX		4 RXD	
5 GND	5 GND		5 GND	
			1 RTS	circuit
			6 CTS	
				

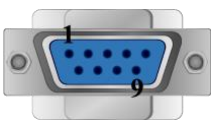
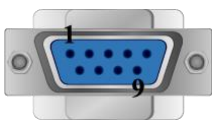
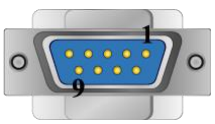
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 6P Mini-DIN Female socket	
2 RX			3 TXD	
3 TX			4 RXD	
5 GND			5 GND	
			1 RTS	circuit
			6 CTS	
				

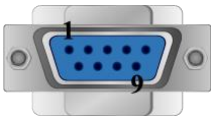
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 6P Mini-DIN Female socket	
2 RX			3 TXD	
3 TX			4 RXD	
5 GND			5 GND	
			1 RTS	circuit
			6 CTS	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 6P Mini-DIN Female socket	
2 RX	6 RX	8 RX	3 TXD	
3 TX	4 TX	7 TX	4 RXD	
5 GND	5 GND	5 GND	5 GND	
			1 RTS	circuit
			6 CTS	
				

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 6P Mini-DIN Female socket	
9 RX			3 TXD	
6 TX			4 RXD	
5 GND			5 GND	
			1 RTS	circuit
			6 CTS	
				

驱动版本:

版本	日期	叙述
V1.60	Jun/08/2011	新增 D_bit 缓存器.
V1.80	Nov/12/2012	扩充 M,D,R,ZR 地址范围.

Mitsubishi Q06H

支持系列: Mitsubishi Q06H CPU port.

网站: http://www.mitsubishi-automation.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Mitsubishi Q06H		
PLC 界面	RS232	RS485 4W, RS232	
传输速率	115200	唯 115200	
校验	Odd		
数据位	8		
停止位	1		
PLC 站号	0		

在线仿真	YES	扩展模式	NO
广播命令	NO		

*于穿透模式下可同时支持 HMI 与 PLC 间的通讯

*于穿透模式下可设定 LW-9903 为 2 来增进上传/下载 PLC 程序的速度

设备类型:

字符/位	设备类型	格式	范围	注释
B	X	HHHH	0 ~ 1fff	Input Relay
B	Y	HHHH	0 ~ 1fff	Output Relay
B	M	DDDDD	0 ~ 61439	Internal Relay
B	L	DDDDD	0 ~ 32767	Latch Relay
B	F	DDDDD	0 ~ 32767	Annunciator
B	V	DDDDD	0 ~ 32767	Edge Relay
B	B	HHHH	0 ~ 7fff	Link Relay
B	TC	DDDDD	0 ~ 23087	Timer Coil
B	SS	DDDDD	0 ~ 23087	Retentive Timer Contact
B	SC	DDDDD	0 ~ 23087	Retentive Timer Coil
B	CS	DDDDD	0 ~ 23087	Counter Contact
B	CC	DDDDD	0 ~ 23087	Counter Coil
B	SB	HHH	0 ~ 7ff	Special Link Relay

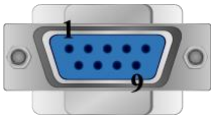
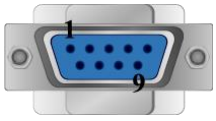
字符/位	设备类型	格式	范围	注释
B	S	DDDD	0 ~ 8191	Step Relay
B	DX	HHHH	0 ~ 1fff	Direct Input
B	DY	HHHH	0 ~ 1fff	Direct Output
B	TS	DDDD	0 ~ 2047	Timer Contact
B	D_Bit	DDDDDDDh	0 ~ 4212735f	
W	W	HHHH	0 ~ 657f	Link Register
W	TN	DDDDD	0 ~ 23087	Timer Current Value
W	SN	DDDDD	0 ~ 23087	Retentive Timer Current Value
W	CN	DDDDD	0 ~ 23087	Counter Current Value
W	R	FFDDDDD	0 ~ 3132767	File Register (FF:File No. 0~31) (DDDDD:0~32767)
W	SW	HHH	0 ~ 7ff	Special Link Register
W	Z	DD	0 ~ 15	Index Register
W	ZR	HHHHH	0 ~ fe7ff	File Register
W	ZR_decimal_addr	DDDDDDD	0 ~ 1042431	
W	D	DDDDD	0 ~ 25983	Data Register

接线图:

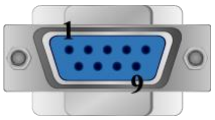
以下图表示从连接线的焊接端所视.

9P D-Sub to 6P Mini-DIN: Q02 CPU port RS232

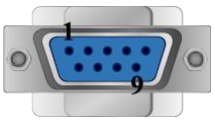
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 6P Mini-DIN Female socket	
2 RX	8 RX		3 TXD	
3 TX	7 TX		4 RXD	
5 GND	5 GND		5 GND	
			1 RTS 6 CTS	circuit
				

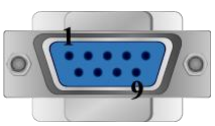
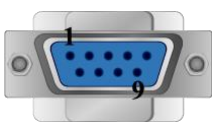
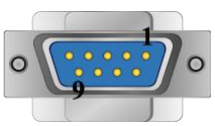
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 6P Mini-DIN Female socket	
2 RX			3 TXD	
3 TX			4 RXD	
5 GND			5 GND	
			1 RTS	circuit
			6 CTS	
				

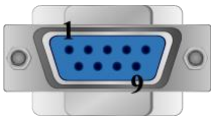
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 6P Mini-DIN Female socket	
2 RX			3 TXD	
3 TX			4 RXD	
5 GND			5 GND	
			1 RTS	circuit
			6 CTS	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 6P Mini-DIN Female socket	
2 RX	6 RX	8 RX	3 TXD	
3 TX	4 TX	7 TX	4 RXD	
5 GND	5 GND	5 GND	5 GND	
			1 RTS	circuit
			6 CTS	
				

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 6P Mini-DIN Female socket	
9 RX			3 TXD	
6 TX			4 RXD	
5 GND			5 GND	
			1 RTS	circuit
			6 CTS	
				

驱动版本:

版本	日期	叙述
V1.60	Jun/08/2011	新增 D_bit 缓存器.
V1.80	Nov/12/2012	扩充缓存器 M,D,R,ZR 地址范围.

Mitsubishi QJ71E71 (Ethernet)

支持系列 ; Mitsubishi Q 类型, MELSEC-Q 系列 PLC (Q00J, Q00, Q01, Q02, Q02H, Q06H, Q12H, Q25H, Q12PH, Q25PH) QJ71E71-100 Ethernet 模块.

网站: http://www.mitsubishi-automation.com

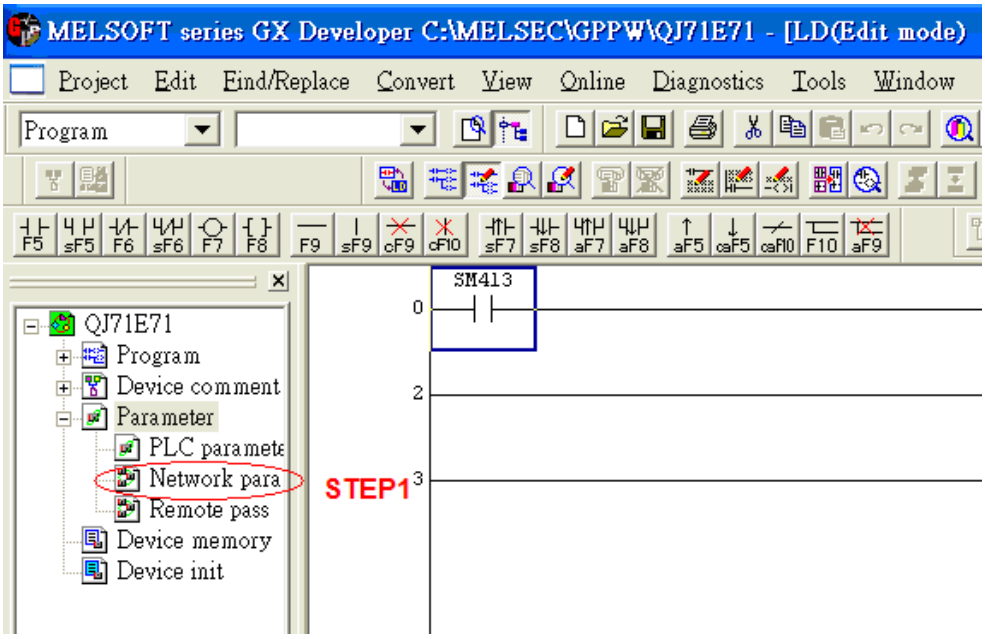
HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Mitsubishi QJ71E71 (Ethernet)		
PLC 界面	Ethernet		
PLC 站号	2	1~99	
端口	5002		

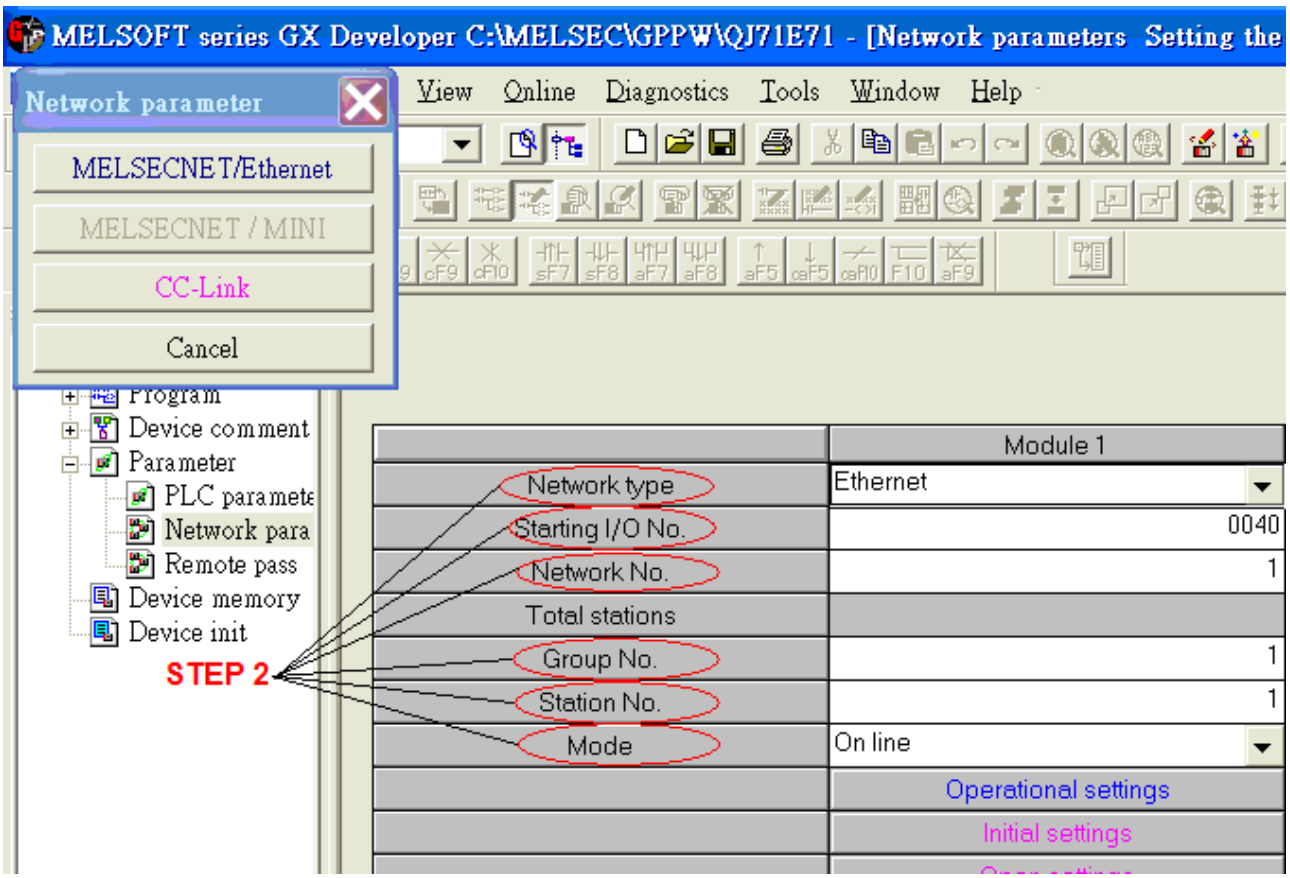
注意: MITSUBISHI QJ71E71 只支援 PLC Network no. 1.
若 PLC's Network no. 不是 1, 请使用 "MISTSUBISHI MELSEC-Q(Ethernet)" 驱动并在参数 1 填入 Network no.

PLC 设定:

QJ71E71-100 Ethernet 模块设定:
1. 使用 Q-CPU's USB 或 RS232 设定 PLC 参数设定.

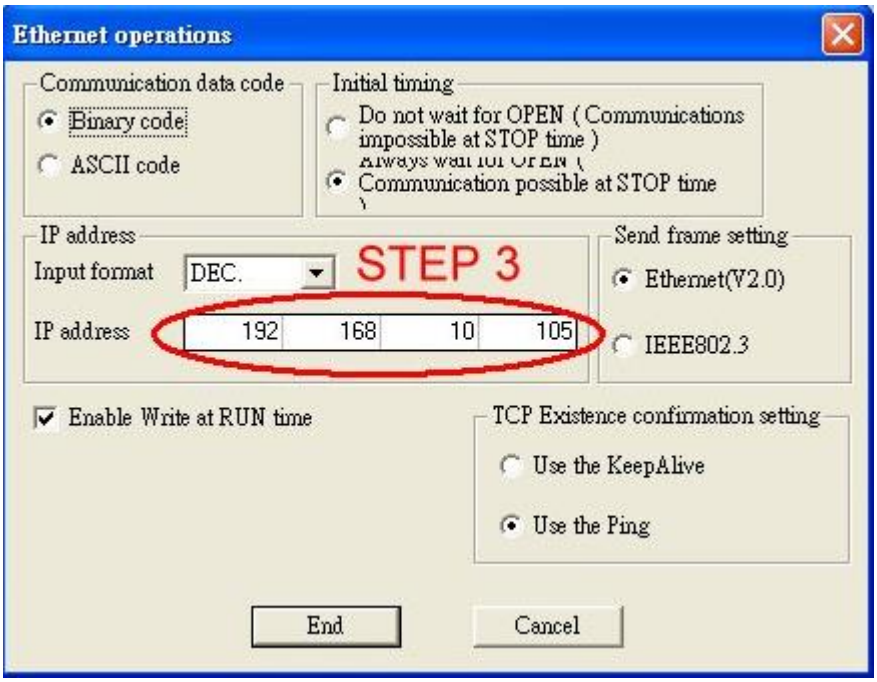


2. 点选 Operational 设定设定 IP.

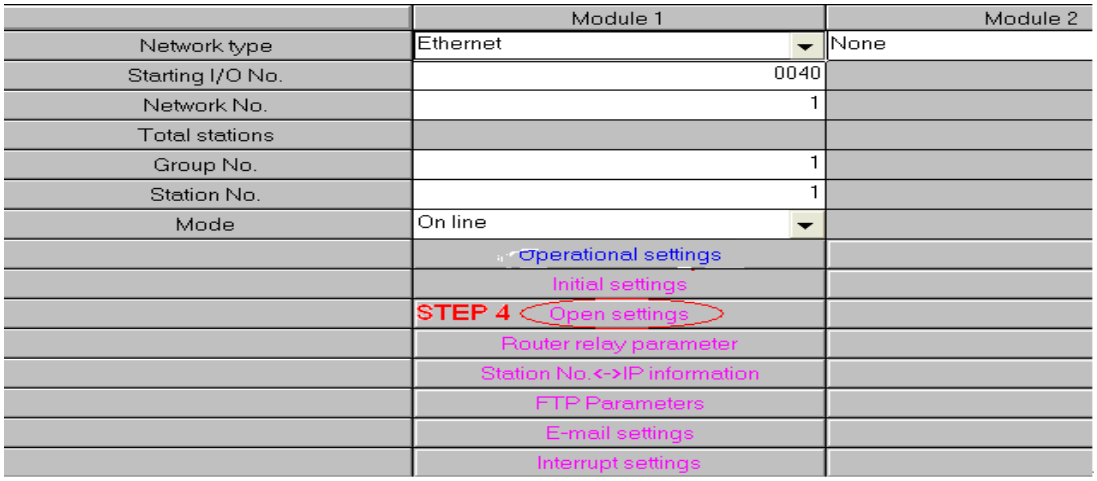


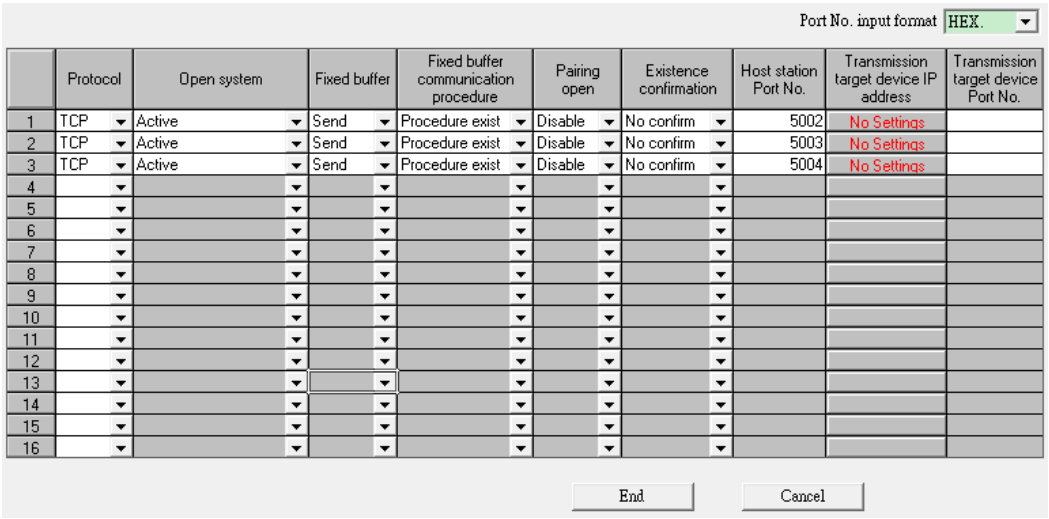
	Module 1	Module 2
Network type	Ethernet	None
Starting I/O No.	0040	
Network No.	1	
Total stations		
Group No.	1	
Station No.	1	
Mode	On line	
	Operational settings	
	Initial settings	
	Open settings	
	Router relay parameter	
	Station No.<->IP information	
	FTP Parameters	
	E-mail settings	
	Interrupt settings	

3. 选择 Ethernet (2.0) 可与 HMI 通讯.

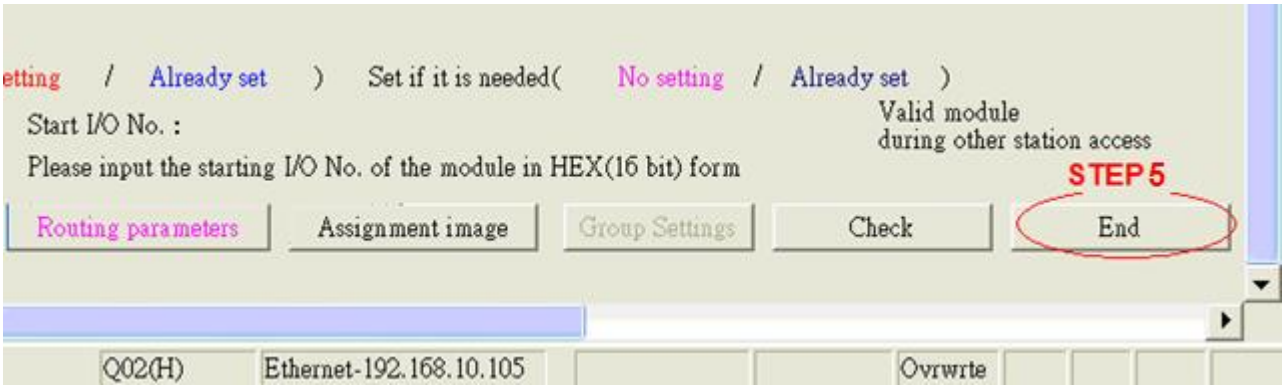


4. 点选 “Open 设定 s” 设定 system.

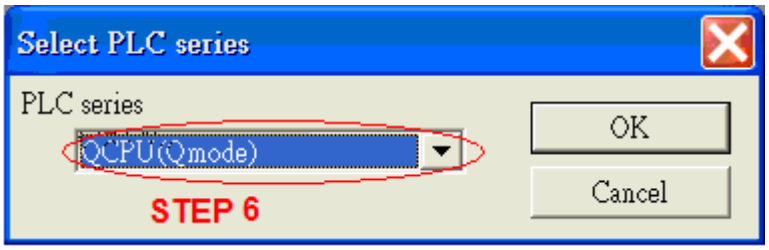




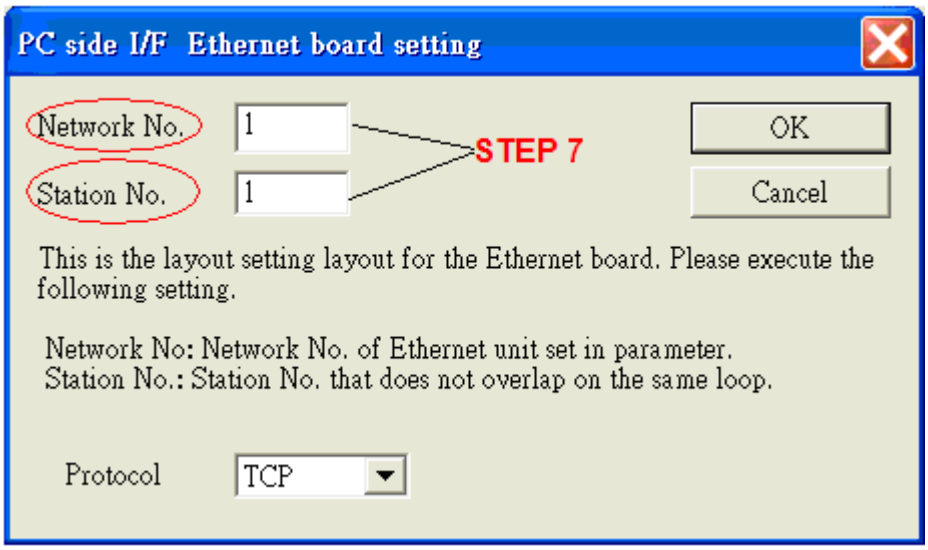
5. 点选 End 即可结束设定.



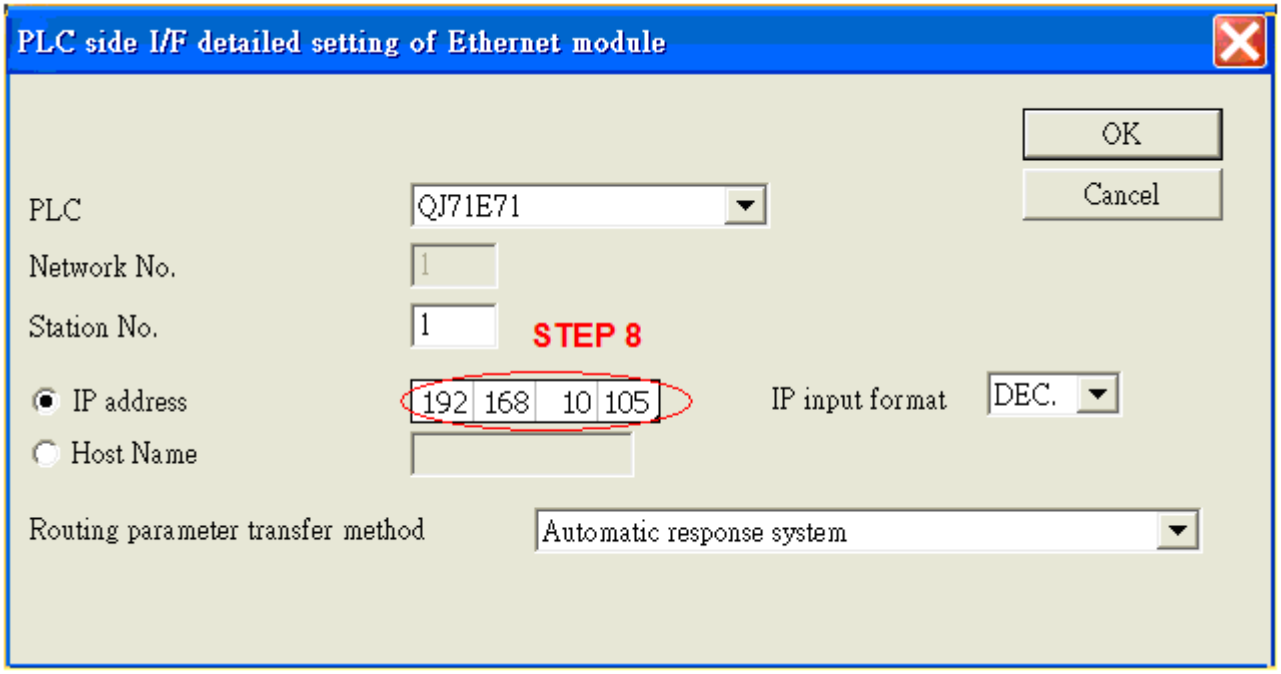
6. 重启 PLC 软件并选择 [Read From PLC], 点选 QCPU(Qmode) 后点选 OK.



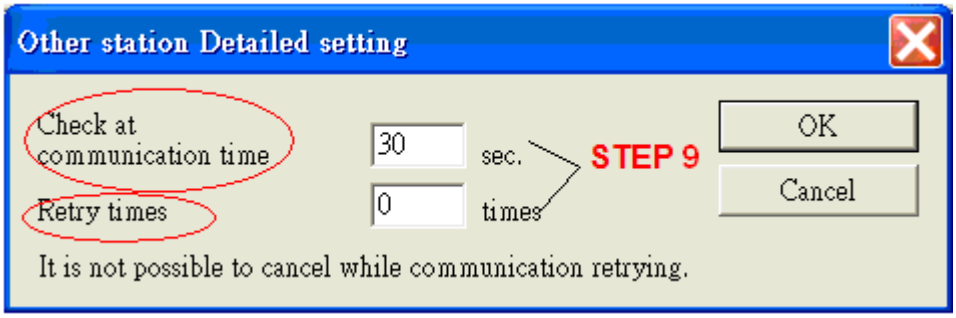
7. 选择 “Ethernet board” in PC side 接口 设定 Network 和 Station no. (Station no.1 为 PC station no. 不是 Ethernet 模块的, 范围从 2 ~ 64, Network no. 不能与 PC 的站号相同)



8. 选择 “Ethernet module” PLC side 接口 设定 QJ71E71 的 IP address.(IP address = Network Parameter’s IP address)



9. 在 “Other station”，点选 “Other station(Single network)” 设定 “Check at communication time” 和 “Retry times”.



结束上述设定后，点选 “Connection test” 测试通讯并传送 PLC 程序.

设备类型:

字符/位	设备类型	格式	范围	注释
B	SM	DDDD	0 ~ 2047	
B	X	HHHH	0 ~ 1fff	Input Relay
B	Y	HHHH	0 ~ 1fff	Output Relay
B	M	DDDDD	0 ~ 61439	Internal Relay
B	L	DDDD	0 ~ 8191	Latch Relay
B	F	DDDD	0 ~ 2047	Annunciator
B	V	DDDD	0 ~ 2047	Edge Relay
B	B	HHHH	0 ~ 1fff	Link Relay
B	TS	DDDD	0 ~ 2047	Timer Contact
B	TC	DDDD	0 ~ 2047	Timer Coil
B	SS	DDDD	0 ~ 2047	Retentive Timer Contact
B	SC	DDDD	0 ~ 2047	Retentive Timer Coil
B	CS	DDDD	0 ~ 1023	Counter Contact
B	CC	DDDD	0 ~ 1023	Counter Coil
B	SB	HHH	0 ~ 7ff	Special Link Relay
B	S	DDDD	0 ~ 8191	Step Relay
B	DX	HHHH	0 ~ 1fff	Direct Input
B	DY	HHHH	0 ~ 1fff	Direct Output
B	D_Bit	DDDDDDDh	0 ~ 4212735f	
W	SD	DDDD	0 ~ 2047	
W	D	DDDDDDD	0 ~ 4212735	Data Register
W	W	HHHH	0 ~ 1fff	Link Register
W	TN	DDDD	0 ~ 2047	Timer Current Value
W	SN	DDDD	0 ~ 2047	Retentive Timer Current Value
W	CN	DDDD	0 ~ 1023	Counter Current Value
W	SW	HHH	0 ~ 7ff	Special Link Register
W	Z	DD	0 ~ 15	Index Register
W	R	FFDDDDD	0 ~ 3132767	File Register (FF:File No. 0~31) (DDDDD:0~32767)
W	ZR	HHHHH	0 ~ fe7ff	File Register
W	ZR_decimal_addr	DDDDDDD	0 ~ 1042341	

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V2.20	Jun/08/2011	新增 D_bit 缓存器.
V2.30	Nov/12/2012	扩充缓存器 M,D,R,ZR 地址范围.

MODBUS ASCII

支持系列: MODBUS ASCII CONTROLLER

网站: http://www.modbus.org

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	MODBUS ASCII		
PLC 界面	RS485	RS232/RS485	
传输速率	9600	9600/19200/38400/	
校验	Even	Even, Odd, None	
数据位	8	7,8	
停止位	1	1,2	
PLC 站号	1	0-255	

在线仿真	YES	广播命令	YES
扩展模式	YES		

PLC 设定:

通讯模式	Modbus ASCII protocol

设备类型:

字符/位	设备类型	格式	范围	注释
B	1x	DDDDD	1 ~ 65535	Input bit (只读)
B	0x	DDDDD	1 ~ 65535	Output bit
B	3x_Bit	DDDDDdd	100 ~ 6553515	Input Register bit (只读)
B	4x_Bit	DDDDDdd	100 ~ 6553515	Output Register bit
W	3x	DDDDD	1 ~ 65535	Input Register (只读)
W	4x	DDDDD	1 ~ 65535	Output Register
W	6x	DDDDD	1 ~ 65535	

Modbus RTU 功能码:

0x	0x01 Read coil	0x05 write single coil
1x	0x02 Read discrete input	N/A for write operation
3x	0x04 Read input register	N/A for write operation
4x	0x03 Read holding register	0x10 write multiple register

3xbit 等同于 3x

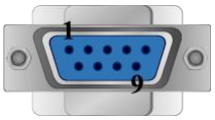
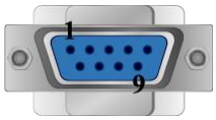
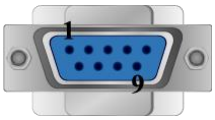
4xbit 等同于 4x

接线图:

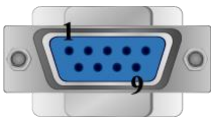
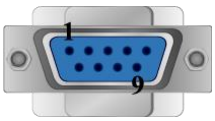
以下图表示从连接线的焊接端所视.

Modbus ASCII Controller : RS232

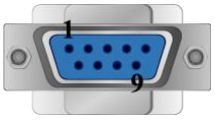
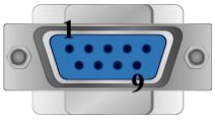
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Female	
2 RX	8 RX		TXD	
3 TX	7 TX		RXD	
5 GND	5 GND		GND	
			RTS CTS	circuit
				

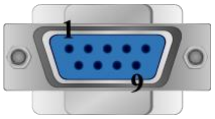
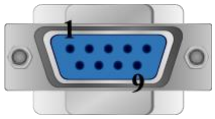
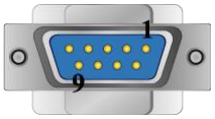
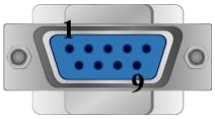
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female	
2 RX			TXD	
3 TX			RXD	
5 GND			GND	
			RTS CTS	circuit
				

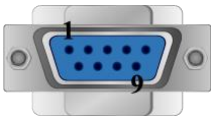
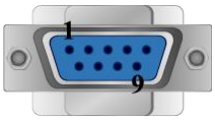
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female	
2 RX			TXD	
3 TX			RXD	
5 GND			GND	
			RTS CTS	circuit
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Female	
2 RX	6 RX	8 RX	TXD	
3 TX	4 TX	7 TX	RXD	
5 GND	5 GND	5 GND	GND	
			RTS CTS	circuit
				

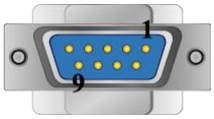
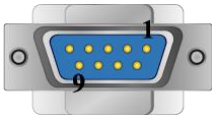
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female	
9 RX			TXD	
6 TX			RXD	
5 GND			GND	
			RTS CTS	circuit
				

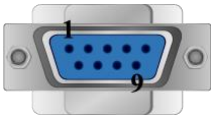
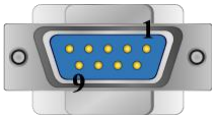
以下图表示从连接线的焊接端所视.

Modbus ASCII Controller : RS485 4W

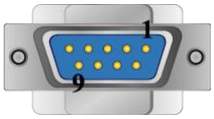
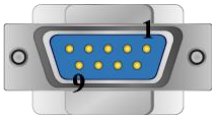
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

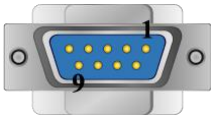
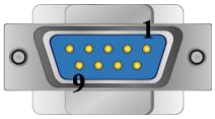
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS485 4W 9P D-Sub Male
7 RX-			TX-
6 RX+			TX+
9 TX-			RX-
8 TX+			RX+
5 GND			GND
			

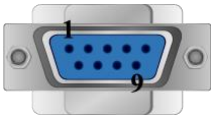
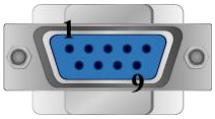
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

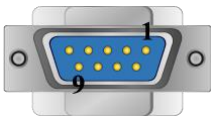
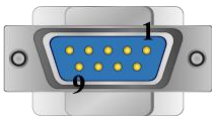
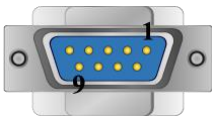
MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			RS485 4W 9P D-Sub Female
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

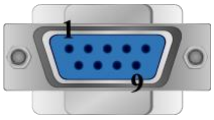
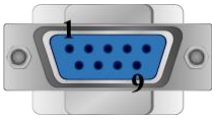
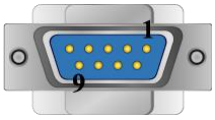
以下图表示从连接线的焊接端所视.

Modbus ASCII Controller : RS485 2W

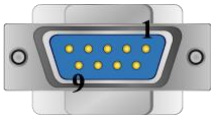
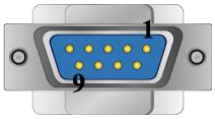
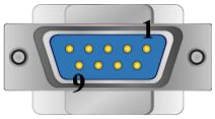
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		GND
			

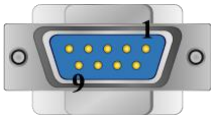
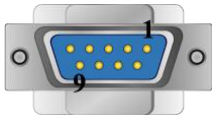
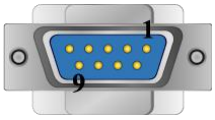
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
7 RX-	4 Data-		D-
6 RX+	1 Data+		D+
5 GND	5 GND		GND
			

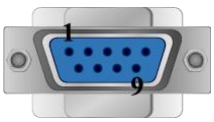
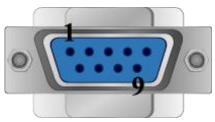
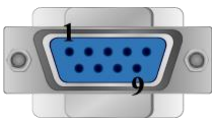
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	9 GND		GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Female
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	5 GND		GND
			

驱动版本:

版本	日期	叙述
V1.40	Apr/17/2009	

MODBUS ASCII Server

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	MODBUS ASCII Server		
PLC 界面	RS232	RS232, RS485	
传输速率	9600	9600~115200	
校验	Even	Even, Odd, None	
数据位	8	7,8	
停止位	1	1	
PLC 站号	1	1-31	HMI Modbus 站号

在线仿真	YES	扩展模式	NO
广播命令	NO		

PLC 设定:

通讯模式	Modbus ASCII protocol

设备类型:

字符/位	设备类型	格式	范围	注释
B	LB	dddd	0~9998	Mapping to 0x/1x 1~9999
W	LW	dddd	0~9998	Mapping to 3x/4x 1~9999
W	RW	ddddd	0~55536	Mapping to 3x/4x 10000~65536

LB0 = 0x0001, LB1 = 0x0002, LW0 = 3x0001, LW1 = 3x0002
Modbus RTU 服务器不支持功能码 06(默认单一缓存器)，请使用功能码 16(0x10，默认多个缓存器)。

Modbus Server 功能码:

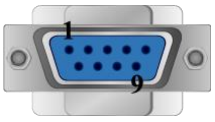
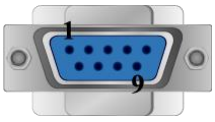
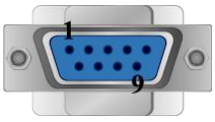
0x	0x01 Read coil	0x05 write single coil
0x_multi_coils	0x01 Read coil	0x0f write multiple coil
1x	0x02 Read discrete input	N/A for write operation
3x	0x04 Read input register	N/A for write operation
4x	0x03 Read holding register	0x10 write multiple register

接线图:

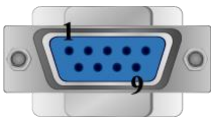
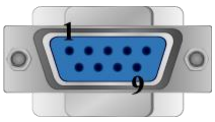
以下图表示从连接线的焊接端所视.

RS232

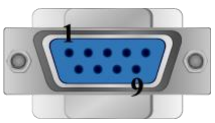
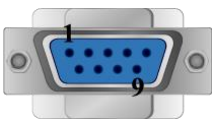
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Female	
2 RX	8 RX		TXD	
3 TX	7 TX		RXD	
5 GND	5 GND		GND	
			RTS CTS	circuit
				

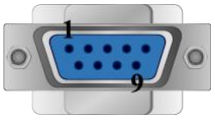
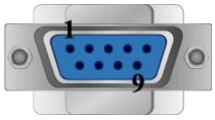
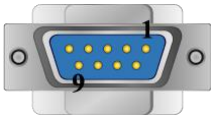
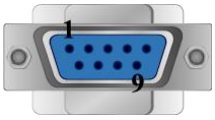
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female	
2 RX			TXD	
3 TX			RXD	
5 GND			GND	
			RTS CTS	circuit
				

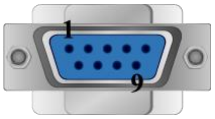
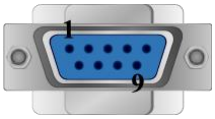
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female	
2 RX			TXD	
3 TX			RXD	
5 GND			GND	
			RTS CTS	circuit
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Female	
2 RX	6 RX	8 RX	TXD	
3 TX	4 TX	7 TX	RXD	
5 GND	5 GND	5 GND	GND	
			RTS CTS	circuit
				

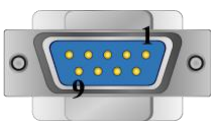
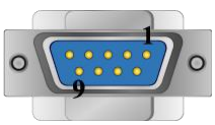
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female	
9 RX			TXD	
6 TX			RXD	
5 GND			GND	
			RTS CTS	circuit
				

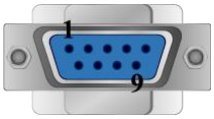
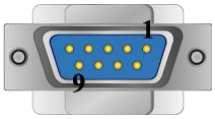
以下图表示从连接线的焊接端所视.

RS485 4W

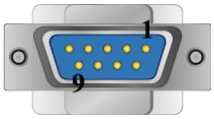
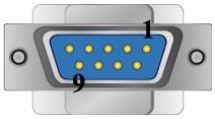
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

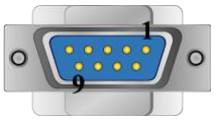
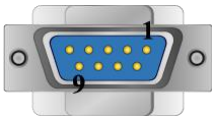
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS485 4W 9P D-Sub Male
7 RX-			TX-
6 RX+			TX+
9 TX-			RX-
8 TX+			RX+
5 GND			GND
			

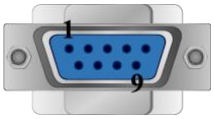
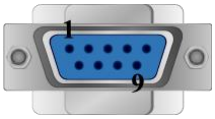
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

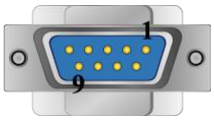
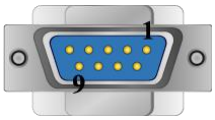
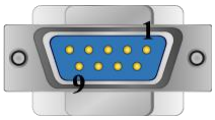
MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			RS485 4W 9P D-Sub Female
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

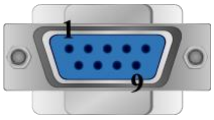
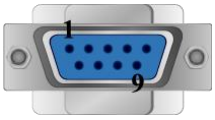
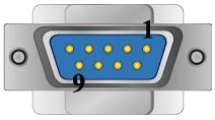
以下图表示从连接线的焊接端所视.

RS485 2W

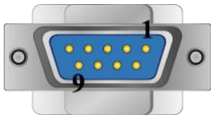
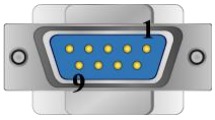
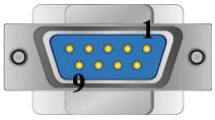
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		GND
			

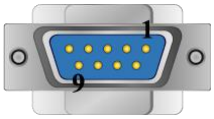
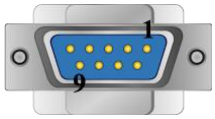
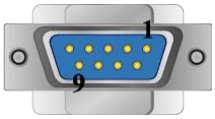
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
7 RX-	4 Data-		D-
6 RX+	1 Data+		D+
5 GND	5 GND		GND
			

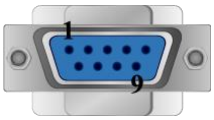
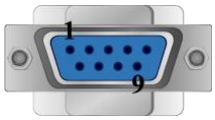
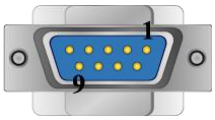
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	9 GND		GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	5 GND		GND
			

注意：在 HMI 装置内设定一个以上的 Modbus ASCII Server 不会产生任何作用。

驱动版本:

版本	日期	叙述
V1.00	Feb/19/2009	发布驱动程序

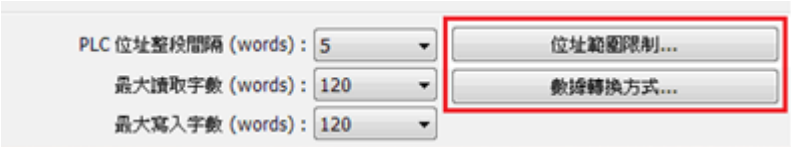
MODBUS RTU

支持系列 : MODBUS RTU CONTROLLER
网站 : http://www.modbus.org

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	MODBUS RTU		
PLC 界面	RS485	RS232/RS485	
传输速率	9600	9600~115200	
校验	Even	Even, Odd, None	
数据位	8	7, 8	
停止位	1	1, 2	
PLC 站号	1	0-255	

在线仿真	YES	广播命令	YES
扩展模式	YES		



[地址范围限制]
支援 0x，1x，0x_multi_coils 地址范围设定功能。
[数据转换方式]
针对数据转换方式，提供 3x_Dourble 及 4x_Double 二个地址类型，使用到 ABCD->CDAB 功能时，需选用 3x_Double，4x_Double 地址类型。

PLC 设定:

通讯模式	Modbus RTU protocol

设备类型:

字符/位	设备类型	格式	范围	注释
B	0x	DDDDD	1 ~ 65535	Output bit
B	1x	DDDDD	1 ~ 65535	Input bit (只读)
B	3x_Bit	DDDDDdd	100 ~ 6553515	Input Register bit (只读)
B	4x_Bit	DDDDDdd	100 ~ 6553515	Output Register bit
B	6x_Bit	DDDDDdd	100 ~ 6553515	Output Register bit
B	0x_multi_coils	DDDDD	1 ~ 65535	Write multiple coils
W	3x	DDDDD	1 ~ 65535	Input Register (只读)
W	4x	DDDDD	1 ~ 65535	Output Register
DW	5x	DDDDD	1 ~ 65535	4x double word swap
W	6x	DDDDD	1 ~ 65535	4x single word write
W	4x_32Bit*	DDDDD	1 ~ 65535	Output Register

- 4x_32Bit 一个封包只会读写 2 个 word，若是连续地址会拆成若干的封包来传送。

注意:

地址类型“5x”代表 Hold Reg。在通讯协议中”5x”相当于“4x”，只是当为双字符时，“5x”的高字符和低字符的位置是颠倒的。

假设 4x 遵循以下信息：

Address	1	2	3	4	5	6	...
Data in word	0x1	0x2	0x3	0x4	0x5	0x6	
Data	0x20001		0x40003		0x60005		

对地址类型改为 5x 的话,就会变成：

Address	1	2	3	4	5	6	...
Data in word	0x2	0x1	0x4	0x3	0x6	0x5	
Data	0x10002		0x30004		0x50006		

Modbus RTU 功能码:

0x	0x01 Read coil	0x05 write single coil
0x_multi_coils	0x01 Read coil	0x0f write multiple coil
1x	0x02 Read discrete input	N/A for write operation
3x	0x04 Read input register	N/A for write operation
4x	0x03 Read holding register	0x10 write multiple register
5x	0x03 Read holding register	0x10 write multiple register

(注意：仅双字符格式会变成颠倒排列)

3xbit 等同于 3x

4xbit 等同于 4x

6x 0x03 Read holding register 0x06 write single register

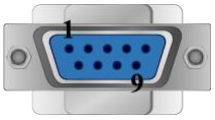
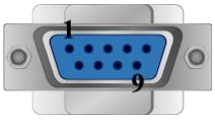
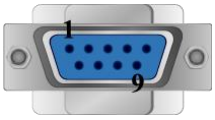
(注意：使用 6x 装置时仅限于单字元)

接线图:

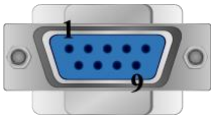
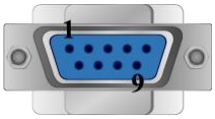
以下图表示从连接线的焊接端所视.

MODBUS RTU CONTROLLER : RS232

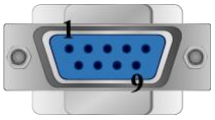
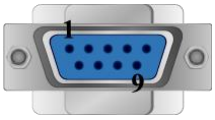
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub FeMale	
2 RX	8 RX		TXD	
3 TX	7 TX		RXD	
5 GND	5 GND		GND	
			RTS	circuit
			CTS	
				

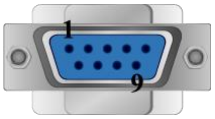
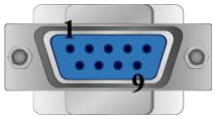
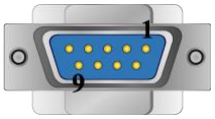
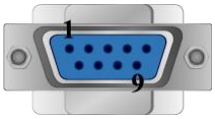
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub FeMale	
2 RX			TXD	
3 TX			RXD	
5 GND			GND	
			RTS	circuit
			CTS	
				

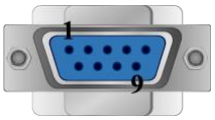
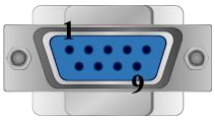
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub FeMale	
2 RX			TXD	
3 TX			RXD	
5 GND			GND	
			RTS	circuit
			CTS	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub FeMale	
2 RX	6 RX	8 RX	TXD	
3 TX	4 TX	7 TX	RXD	
5 GND	5 GND	5 GND	GND	
			RTS	circuit
			CTS	
				

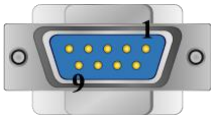
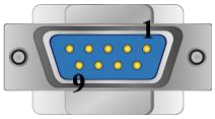
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub FeMale	
9 RX			TXD	
6 TX			RXD	
5 GND			GND	
			RTS	circuit
			CTS	
				

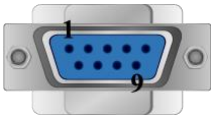
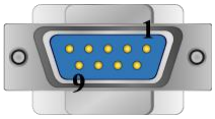
以下图表示从连接线的焊接端所视.

MODBUS RTU CONTROLLER : RS485 4W

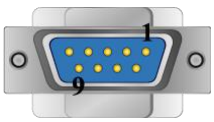
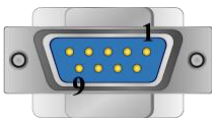
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

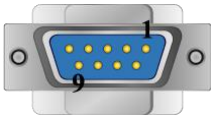
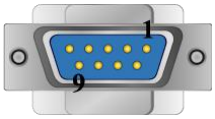
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS485 4W 9P D-Sub Male
7 RX-			TX-
6 RX+			TX+
9 TX-			RX-
8 TX+			RX+
5 GND			GND
			

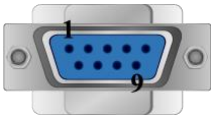
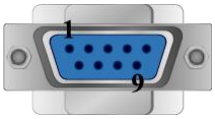
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

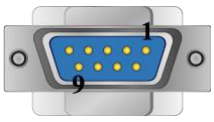
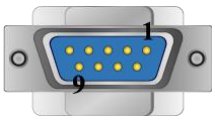
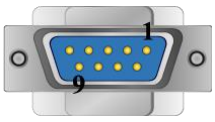
MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			RS485 4W 9P D-Sub Female
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

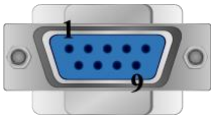
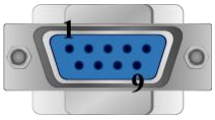
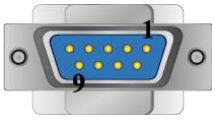
以下图表示从连接线的焊接端所视.

MODBUS RTU CONTROLLER : RS485 2W

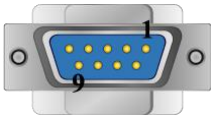
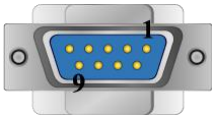
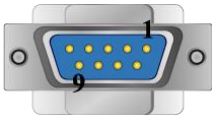
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		GND
			

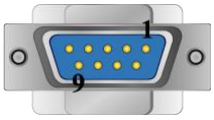
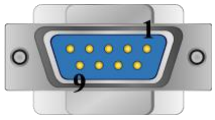
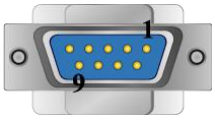
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
7 RX-	4 Data-		D-
6 RX+	1 Data+		D+
5 GND	5 GND		GND
			

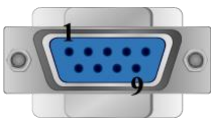
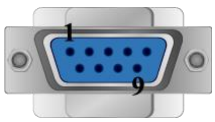
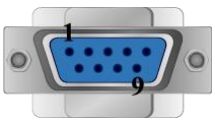
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	9 GND		GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Female
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	5 GND		GND
			

驱动版本:

版本	日期	叙述
V1.90	May/05/2010	适用于当从 modbus RTU 的数据大于 8 bytes, LW-9570 无法精准的计算。

MODBUS RTU (0x/1x Range Adjustable)

支持系列 : MODBUS RTU CONTROLLER

网站 : http://www.modbus.org

HMI 设定:

参数设定	推荐	选项 s	注释
PLC 类型	MODBUS RTU (0x/1x Range Adjustable)		
PLC 界面	RS485	RS232/RS485	
传输速率	9600	9600~115200	
校验	Even	Even, Odd, None	
数据位	8	7,8	
停止位	1	1,2	
PLC 站号	1	0-255	

在线仿真	YES
扩展模式	YES

PLC 设定:

通讯模式	Modbus RTU protocol

设备类型:

字符/位	设备类型	格式	范围	注释
B	0x	DDDDD	1 ~ 65535	Output bit
B	1x	DDDDD	1 ~ 65535	Input bit (只读)
B	3x_Bit	DDDDDdd	100 ~ 6553515	Input Register bit (只读)
B	4x_Bit	DDDDDdd	100 ~ 6553515	Output Register bit
B	6x_Bit	DDDDDdd	100 ~ 6553515	Output Register bit
B	0x_multi_coils	DDDDD	1 ~ 65535	Write multiple coils
W	3x	DDDDD	1 ~ 65535	Input Register (只读)
W	4x	DDDDD	1 ~ 65535	Output Register
DW	5x	DDDDD	1 ~ 65535	4x double word swap
W	6x	DDDDD	1 ~ 65535	4x single word write
W	4x_32Bit*	DDDDD	1 ~ 65535	Output Register

* 4x_32Bit 一个封包只会读写 2 个 word，若是连续地址会拆成若干的封包来传送。

注意：

地址类型“5x”代表 Hold Reg。在通讯协议中”5x”相当于“4x”，只是当为双字符时，“5x”的高字符和低字符的位置是颠倒的。

假设 4x 遵循以下信息：

Address	1	2	3	4	5	6	...
Data in word	0x1	0x2	0x3	0x4	0x5	0x6	
Data	0x20001		0x40003		0x60005		

对地址类型改为 5x 的话,就会变成：

Address	1	2	3	4	5	6	...
Data in word	0x2	0x1	0x4	0x3	0x6	0x5	
Data	0x10002		0x30004		0x50006		

Modbus RTU 功能码:

0x 0x01 Read coil 0x05 Write single coil

0x_multi_coils 0x01 Read coil 0x0f Write multiple coil

1x 0x02 Read discrete input N/A for writing operation

3x 0x04 Read input register N/A for writing operation

4x 0x03 Read holding register 0x10 Write multiple register

5x 0x03 Read holding register 0x10 Write multiple register

(注意：仅双字符格式会变成颠倒排列)

3xbit 等同于 3x

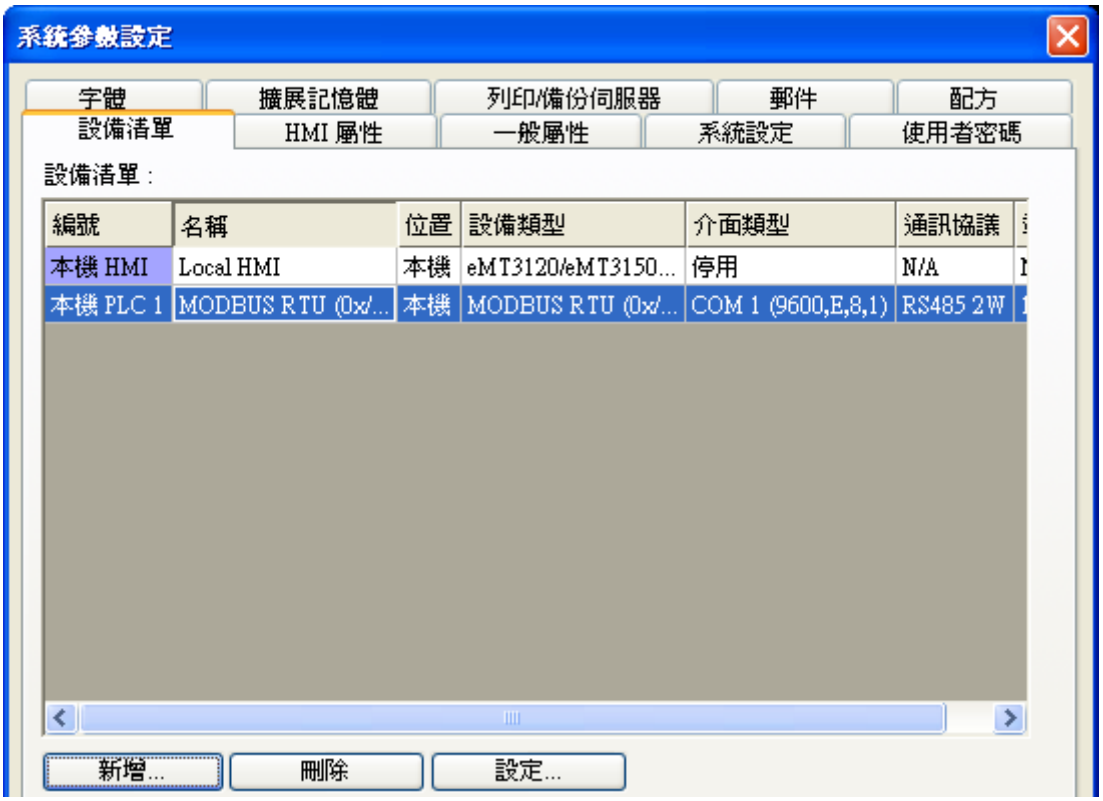
4xbit 等同于 4x

6x 0x03 Read holding register 0x06 write single register

(注意：使用 6x 装置时仅限于单字元)

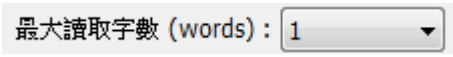
设定教学:

1. 到[系统参数设定]  ，点击 [新增…] 以增加一个新的装置 - Modbus RTU (0x 1x 范围 adjustable)，如下图所示：

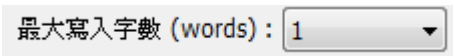


2. 添加好新的 Modbus RTU (0x 1x 范围 Adjustable) driver 后, [新增地址范围限制…]按钮即可使用，如下。使用者可以设定最大读取字数及最大写入字数。

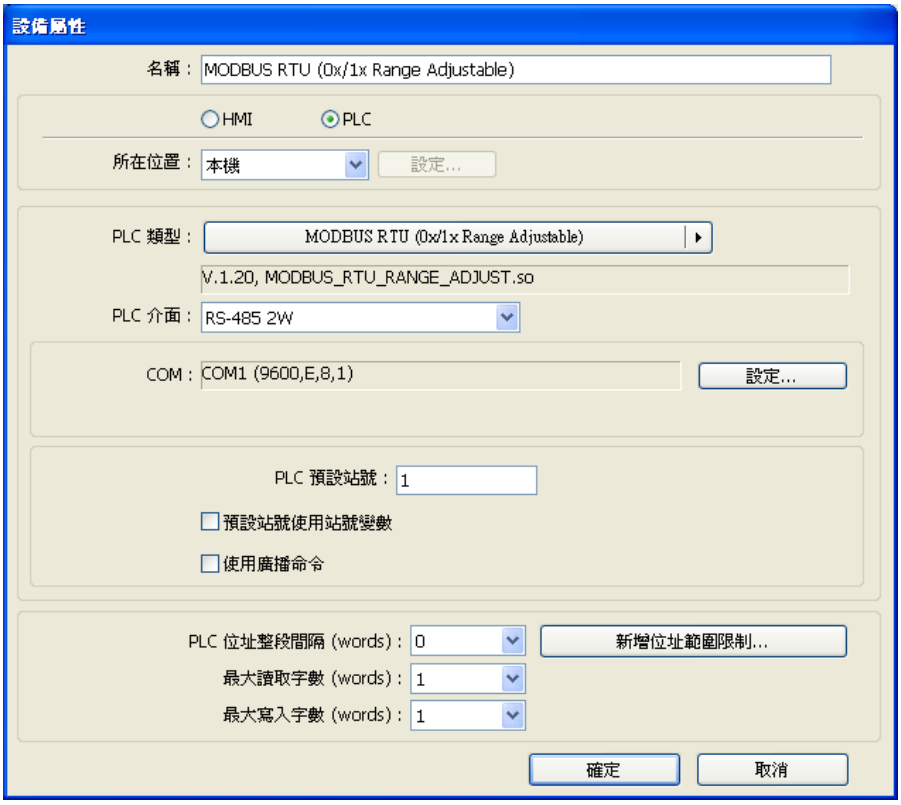
   - 最大读取字数(words)：下拉选单至欲读取范围。



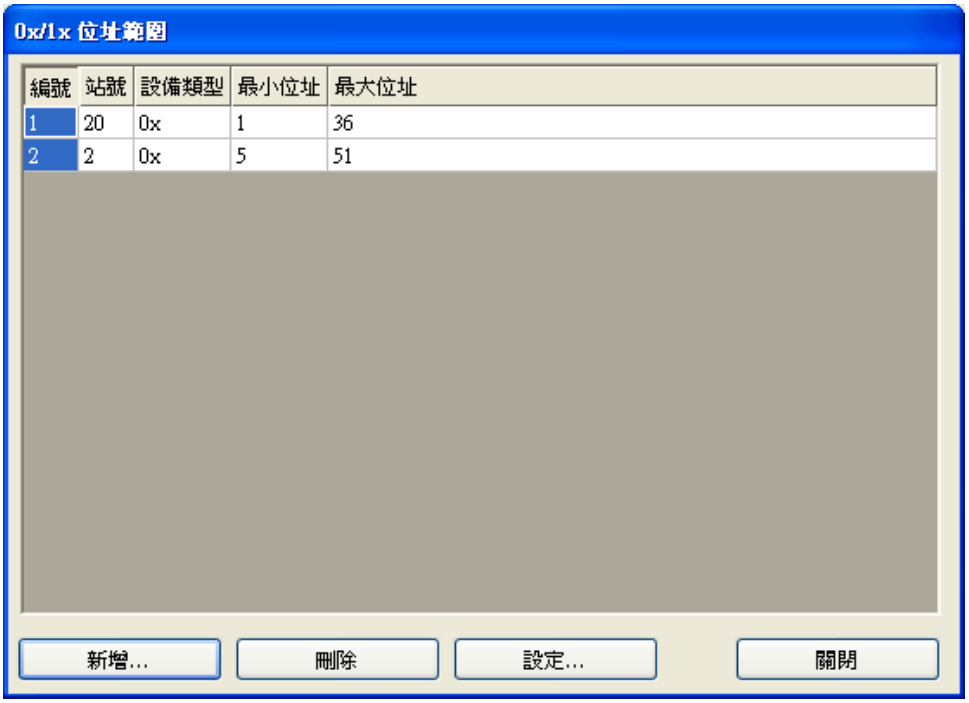
   - 最大写入字数(words)：下拉选单至欲写入范围。



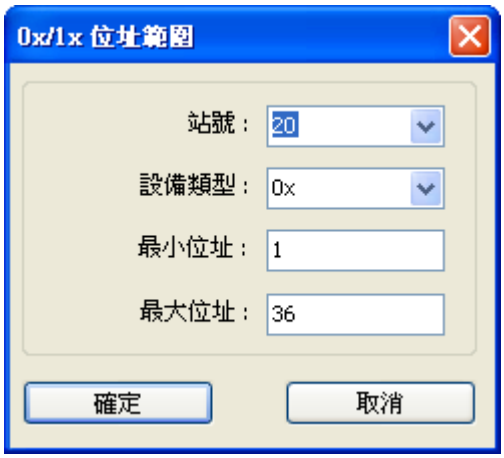
注意：设定 [新增地址范围限制…] 时，位地址不可为 16Bit 的倍数。



3. 点击[新增地址范围限制…]，会跳出[0x/1x 地址范围]对话窗口，用户可在此窗口中自行定义 0x，1x 和 0x_multi_coils 地址范围。

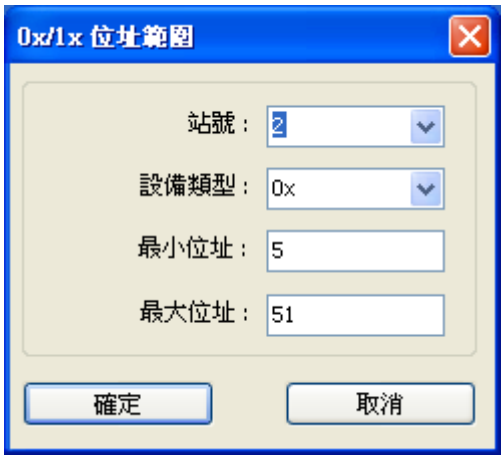


新增：设定[站号]、[设备类型]、[最小地址]、[最大地址]，点击[确定] 后完成新增。



删除：则此选项会被删除。

设定：设定[站号] [设备类型]、[最小地址]、[最大地址]，点击[确定] 后完成修改。

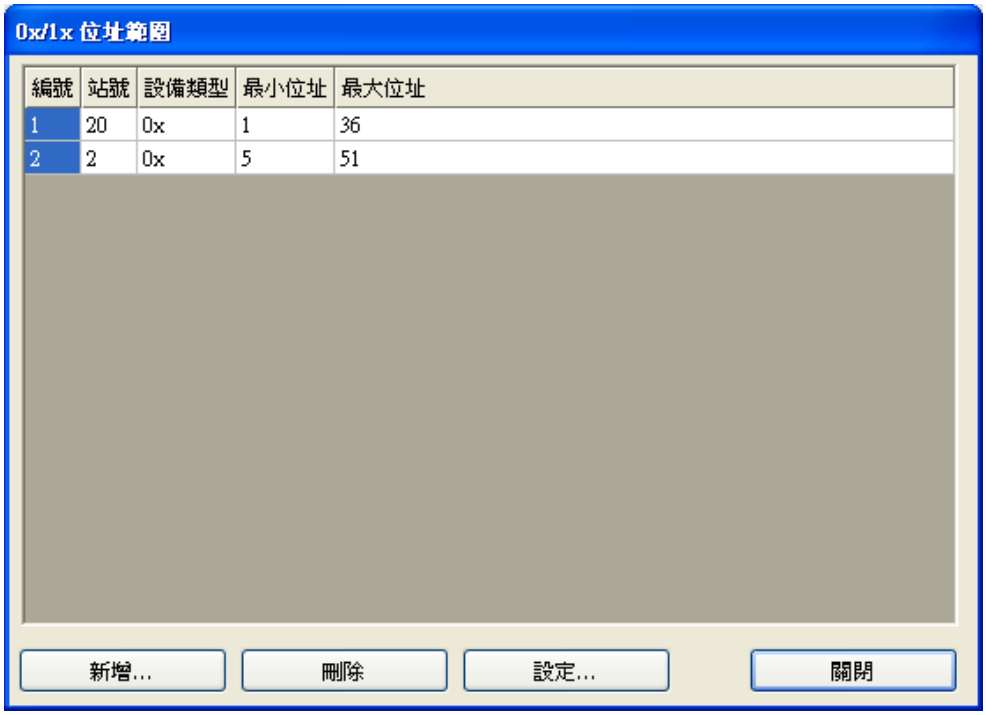


范例：

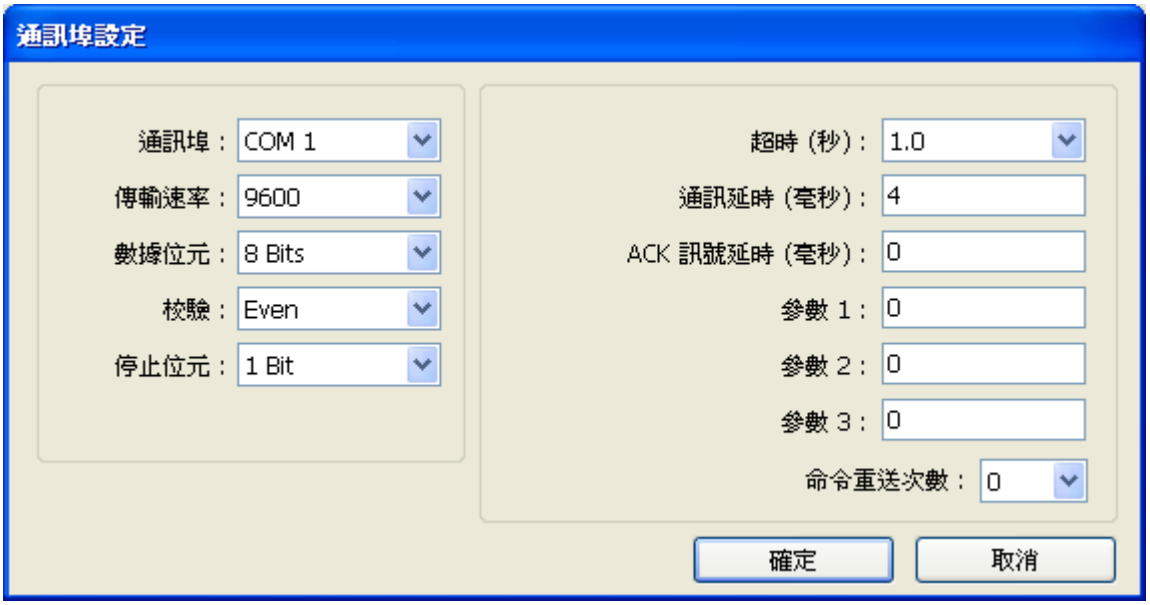
假设有 SCON D2 和 D8，在设定选项需根据不同 PLC 类型的位范围做设定。首先先设定站号和地址。

以 D2 为例，设定[站号]为 **20**，[设备类型] 为 **0x**，[最小地址] 为 **1**，[最大地址] 为 **36**。

以 D8 为例，设定[站号]为 **2**，[设备类型] 为 **0x**，[最小地址] 为 **5**，[最大地址] 为 **51**。



注意: 若连接 RS-485 2W 的 PLC,依照设备响应时间不同可能需要调整通讯延时设定,方能顺利通讯。设定方式:点选[设备属性]中的[设定…]，修改[通讯延时(毫秒)]的时间参数，如下图：



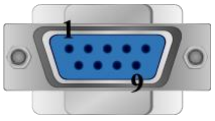
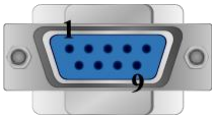
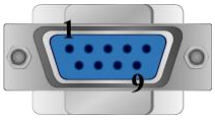
完成以上的设定后，用户可与设备进行通讯。

接线图:

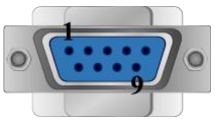
以下图表示从连接线的焊接端所视.

MODBUS RTU CONTROLLER : RS232

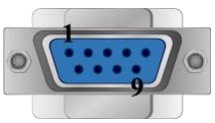
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Female	
2 RX	8 RX		TXD	
3 TX	7 TX		RXD	
5 GND	5 GND		GND	
			RTS	circuit
			CTS	
				

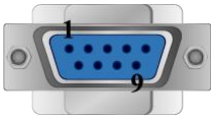
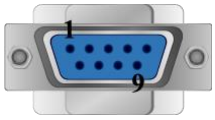
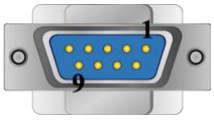
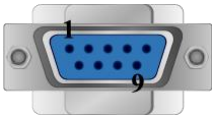
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female	
2 RX			TXD	
3 TX			RXD	
5 GND			GND	
			RTS	circuit
			CTS	
				

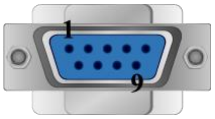
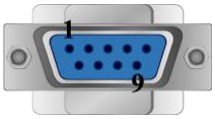
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female	
2 RX			TXD	
3 TX			RXD	
5 GND			GND	
			RTS	circuit
			CTS	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Female	
2 RX	6 RX	8 RX	TXD	
3 TX	4 TX	7 TX	RXD	
5 GND	5 GND	5 GND	GND	
			RTS CTS	circuit
				

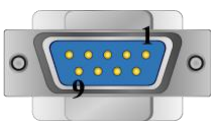
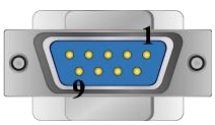
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female	
9 RX			TXD	
6 TX			RXD	
5 GND			GND	
			RTS CTS	circuit
				

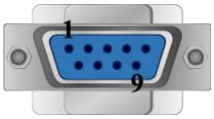
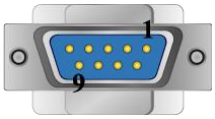
以下图表示从连接线的焊接端所视.

MODBUS RTU CONTROLLER : RS485 4W

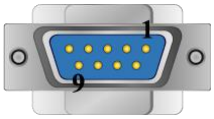
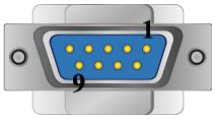
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

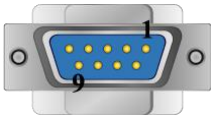
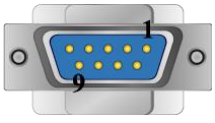
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS485 4W 9P D-Sub Male
7 RX-			TX-
6 RX+			TX+
9 TX-			RX-
8 TX+			RX+
5 GND			GND
			

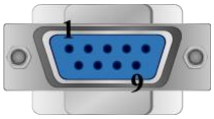
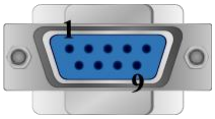
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

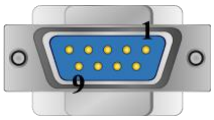
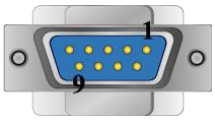
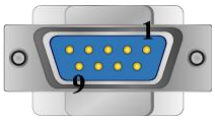
MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			RS485 4W 9P D-Sub Female
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

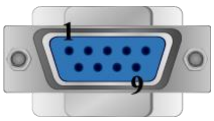
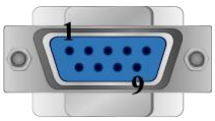
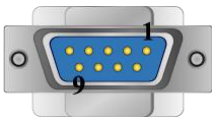
以下图表示从连接线的焊接端所视.

MODBUS RTU CONTROLLER : RS485 2W

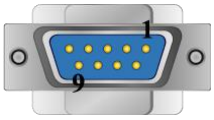
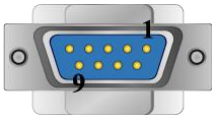
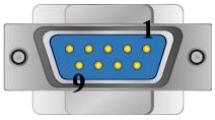
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		GND
			

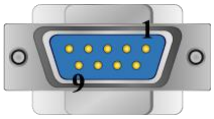
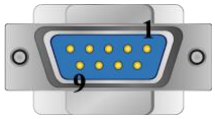
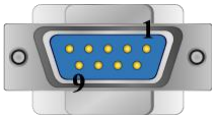
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
7 RX-	4 Data-		D-
6 RX+	1 Data+		D+
5 GND	5 GND		GND
			

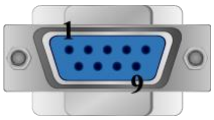
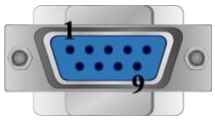
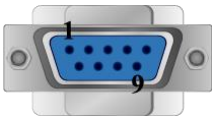
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	9 GND		GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Female
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	5 GND		GND
			

驱动版本:

版本	日期	叙述
V1.10	Aug/25/2010	
V1.20	Mar/2/2012	新增可修改 0x、1x 最小地址范围功能.

MODBUS RTU (Adjustable)

支持系列 : MODBUS RTU CONTROLLER

网站 : http://www.modbus.org

HMI 设定:

参数设定	推荐	选项 s	注释
PLC 类型	MODBUS RTU (Adjustable)		
PLC 界面	RS485	RS232/RS485	
传输速率	9600	9600/19200/38400/57600/115200	
校验	Even	Even, Odd, None	
数据位	8	7,8	
停止位	1	1,2	
PLC 站号	1	0-255	

在线仿真	YES
扩展模式	YES

PLC 设定:

通讯模式	Modbus RTU protocol

设备类型:

字符/位	设备类型	格式	范围	注释
B	0x	DDDDD	1 ~ 65535	Output bit
B	1x	DDDDD	1 ~ 65535	Input bit (只读)
B	3x_Bit	DDDDDdd	100 ~ 6553515	Input Register bit (只读)
B	4x_Bit	DDDDDdd	100 ~ 6553515	Output Register bit
B	0x_multi_coils	DDDDD	1 ~ 65535	Write multiple coils
W	3x	DDDDD	1 ~ 65535	Input Register (只读)
W	4x	DDDDD	1 ~ 65535	Output Register
W	5x	DDDDD	1 ~ 65535	4x word swap
DW	5x (32-bit)	DDDDD	1 ~ 65535	4x double word swap
W	6x	DDDDD	1 ~ 65535	4x single word write

注意：

地址类型“5x”代表 Hold Reg。在通讯协议中”5x”相当于“4x”，只是当为双字符时，“5x”的高字符和低字符的位置是颠倒的。

假设 4x 遵循以下信息：

Address	1	2	3	4	5	6	...
Data in word	0x1	0x2	0x3	0x4	0x5	0x6	
Data	0x20001		0x40003		0x60005		

对地址类型改为 5x 的话,就会变成：

Address	1	2	3	4	5	6	...
Data in word	0x2	0x1	0x4	0x3	0x6	0x5	
Data	0x10002		0x30004		0x50006		

Modbus RTU 功能码:

0x 0x01 Read coil 0x05 Write single coil

0x_multi_coils 0x01 Read coil 0x0f Write multiple coil

1x 0x02 Read discrete input N/A for writing operation

3x 0x04 Read input register N/A for writing operation

4x 0x03 Read holding register 0x10 Write multiple register

5x 0x03 Read holding register 0x10 Write multiple register

(注意：仅双字符格式会变成颠倒排列)

3xbit 等同于 3x

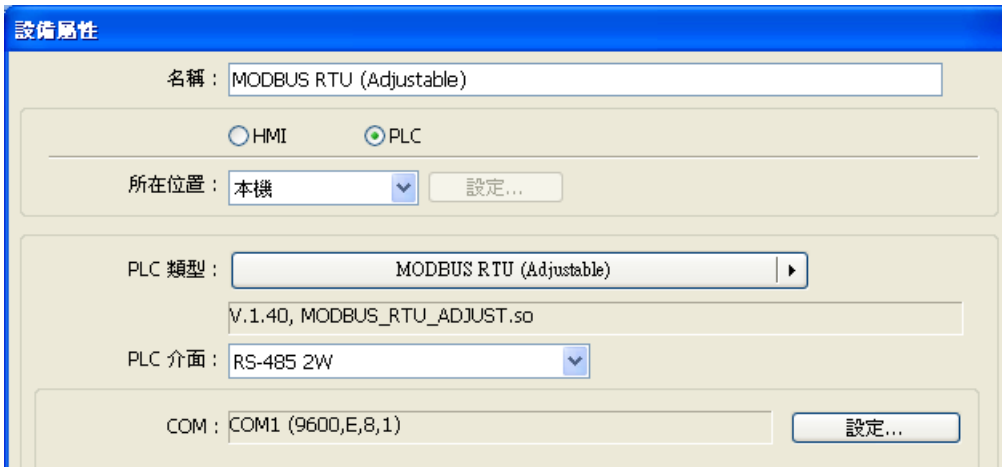
4xbit 等同于 4x

6x 0x03 Read holding register 0x06 write single register

(注意：使用 6x 装置时仅限于单字元)

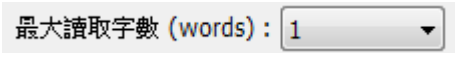
设定教学:

1. 到[系统参数设定]  ，点击 [新增…] 以增加一个新的装置 - MODBUS RTU (Adjustable)，如下图所示：

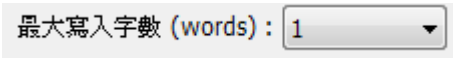


2. 添加好新的 MODBUS RTU (Adjustable)驱动后, [新增地址范围限制…]按钮即可使用，如下。使用者可以设定最大读取字数及最大写入字数。

   - 最大读取字数(words)：下拉选单至欲读取范围。



   - 最大写入字数(words)：下拉选单至欲写入范围。



注意：MODBUS RTU (adjustable) usage

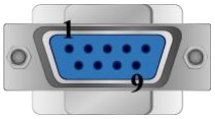
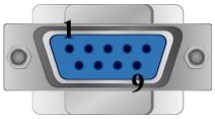
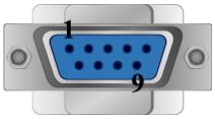
使用者可自行定义在设定中参数 1 的地址范围。举例来说，当使用者在参数 1 中设定为 5，则地址范围会变成 5 ~ 65535。



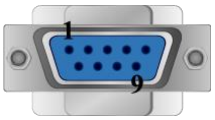
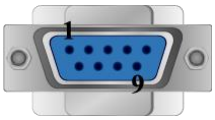
接线图:

MODBUS RTU CONTROLLER : RS232

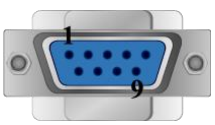
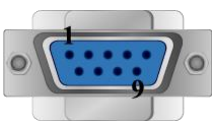
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Female	
2 RX	8 RX		TXD	
3 TX	7 TX		RXD	
5 GND	5 GND		GND	
			RTS CTS	circuit
				

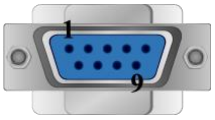
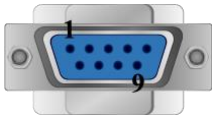
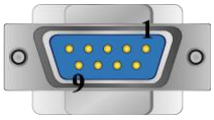
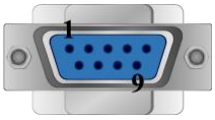
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female	
2 RX			TXD	
3 TX			RXD	
5 GND			GND	
			RTS CTS	circuit
				

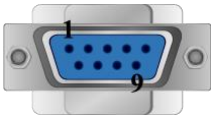
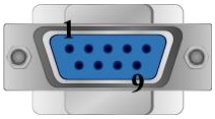
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female	
2 RX			TXD	
3 TX			RXD	
5 GND			GND	
			RTS CTS	circuit
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Female	
2 RX	6 RX	8 RX	TXD	
3 TX	4 TX	7 TX	RXD	
5 GND	5 GND	5 GND	GND	
			RTS CTS	circuit
				

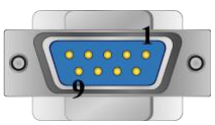
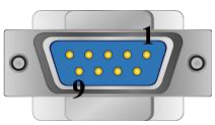
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female	
9 RX			TXD	
6 TX			RXD	
5 GND			GND	
			RTS CTS	circuit
				

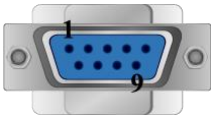
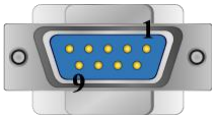
以下图表示从连接线的焊接端所视.

MODBUS RTU CONTROLLER : RS485 4W

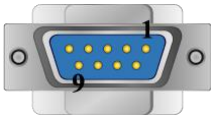
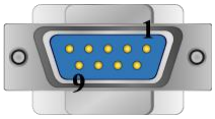
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

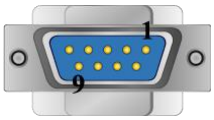
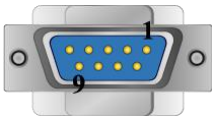
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS485 4W 9P D-Sub Male
7 RX-			TX-
6 RX+			TX+
9 TX-			RX-
8 TX+			RX+
5 GND			GND
			

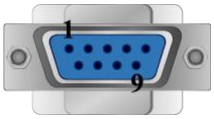
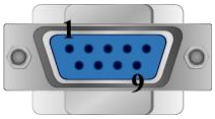
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

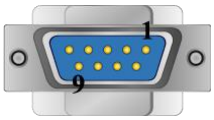
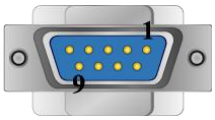
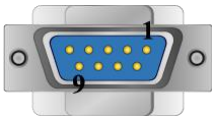
MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			RS485 4W 9P D-Sub Female
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

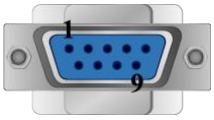
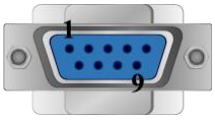
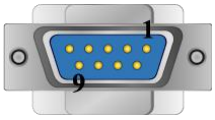
以下图表示从连接线的焊接端所视.

MODBUS RTU CONTROLLER : RS485 2W

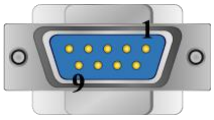
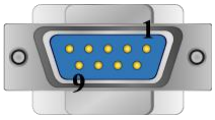
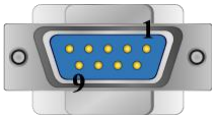
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		GND
			

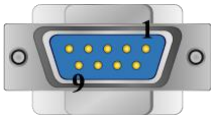
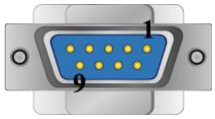
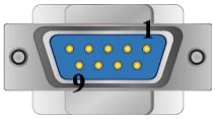
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
7 RX-	4 Data-		D-
6 RX+	1 Data+		D+
5 GND	5 GND		GND
			

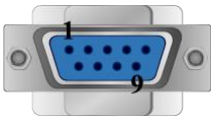
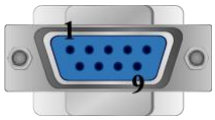
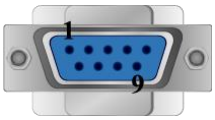
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	9 GND		GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Female
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	5 GND		GND
			

驱动版本:

版本	日期	叙述
V1.40	Jun/14/2011	

MODBUS RTU (zero-based addressing)

支持系列 : MODBUS RTU CONTROLLER

网站 : http://www.modbus.org

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	MODBUS RTU (zero-based addressing)		
PLC 界面	RS485	RS232/RS485	
传输速率	9600	9600~115200	
校验	Even	Even, Odd, None	
数据位	8	7,8	
停止位	1	1,2	
PLC 站号	1	0-255	

在线仿真	YES	广播命令	YES
扩展模式	YES		

PLC 设定:

通讯模式	Modbus RTU protocol

设备类型:

字符/位	设备类型	格式	范围	注释
B	0x	DDDDD	0 ~ 65535	Output bit
B	1x	DDDDD	0 ~ 65535	Input bit (只读)
B	3x_Bit	DDDDDdd	0 ~ 6553515	Input Register bit (只读)
B	4x_Bit	DDDDDdd	0 ~ 6553515	Output Register bit
B	0x_multi_coils	DDDDD	0 ~ 65535	Write multiple coils
W	3x	DDDDD	0 ~ 65535	Input Register (只读)
W	4x	DDDDD	0 ~ 65535	Output Register
DW	5x	DDDDD	0 ~ 65535	4x double word swap
W	6x	DDDDD	0 ~ 65535	4x single word write

注意：

地址类型“5x”代表 Hold Reg。在通讯协议中”5x”相当于“4x”，只是当为双字符时，“5x”的高字符和低字符的位置是颠倒的。

假设 4x 遵循以下信息：

Address	1	2	3	4	5	6	...
Data in word	0x1	0x2	0x3	0x4	0x5	0x6	
Data	0x20001		0x40003		0x60005		

对地址类型改为 5x 的话,就会变成：

Address	1	2	3	4	5	6	...
Data in word	0x2	0x1	0x4	0x3	0x6	0x5	
Data	0x10002		0x30004		0x50006		

Modbus RTU 功能码:

0x	0x01 Read coil	0x05 write single coil
0x_multi_coils	0x01 Read coil	0x0f write multiple coil
1x	0x02 Read discrete input	N/A for write operation
3x	0x04 Read input register	N/A for write operation
4x	0x03 Read holding register	0x10 write multiple register
5x	0x03 Read holding register	0x10 write multiple register

(注意：双字符格式会变成颠倒排列)

3xbit 等同于 3x

4xbit 等同于 4x

6x	0x03 Read holding register	0x06 write single register

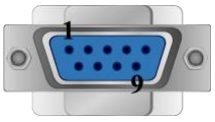
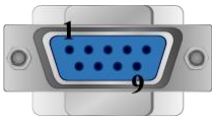
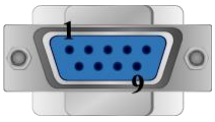
(注意：使用 6x 装置时仅限于单字元)

接线图:

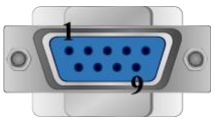
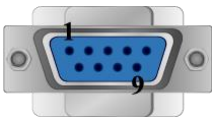
以下图表示从连接线的焊接端所视.

MODBUS RTU CONTROLLER : RS232

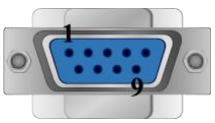
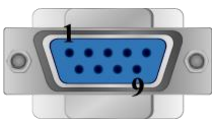
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Female	
2 RX	8 RX		TXD	
3 TX	7 TX		RXD	
5 GND	5 GND		GND	
			RTS CTS	circuit
				

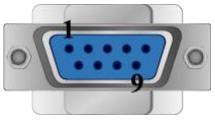
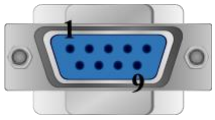
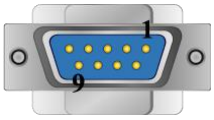
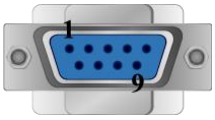
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female	
2 RX			TXD	
3 TX			RXD	
5 GND			GND	
			RTS CTS	circuit
				

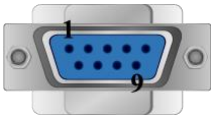
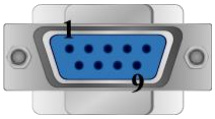
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female	
2 RX			TXD	
3 TX			RXD	
5 GND			GND	
			RTS CTS	circuit
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Female	
2 RX	6 RX	8 RX	TXD	
3 TX	4 TX	7 TX	RXD	
5 GND	5 GND	5 GND	GND	
			RTS CTS	circuit
				

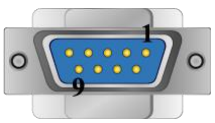
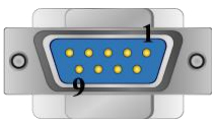
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female	
9 RX			TXD	
6 TX			RXD	
5 GND			GND	
			RTS CTS	circuit
				

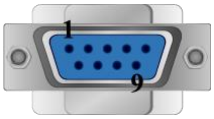
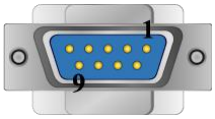
以下图表示从连接线的焊接端所视.

MODBUS RTU CONTROLLER : RS485 4W

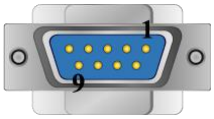
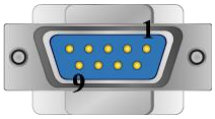
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

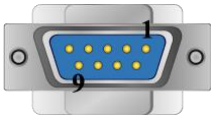
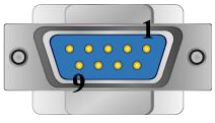
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS485 4W 9P D-Sub Male
7 RX-			TX-
6 RX+			TX+
9 TX-			RX-
8 TX+			RX+
5 GND			GND
			

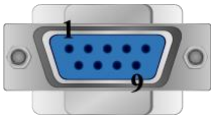
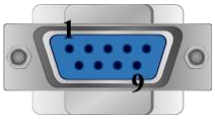
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

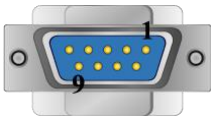
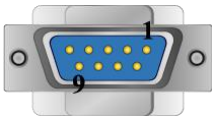
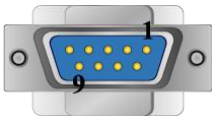
MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			RS485 4W 9P D-Sub Female
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

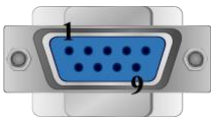
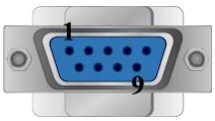
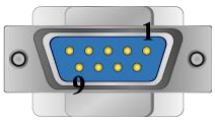
以下图表示从连接线的焊接端所视.

MODBUS RTU CONTROLLER : RS485 2W

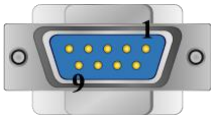
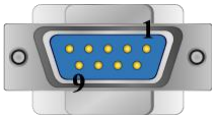
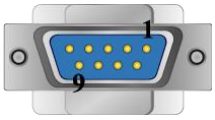
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		GND
			

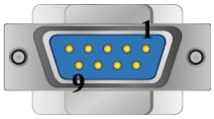
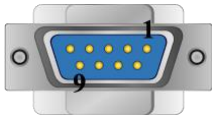
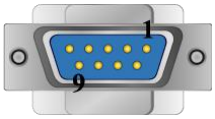
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
7 RX-	4 Data-		D-
6 RX+	1 Data+		D+
5 GND	5 GND		GND
			

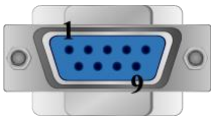
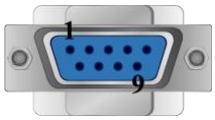
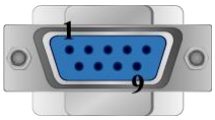
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	9 GND		GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Female
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	5 GND		GND
			

驱动版本:

版本	日期	叙述
V1.30	Aug/26/2009	

MODBUS Server (COM/Ethernet)

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	MODBUS Server (COM/Ethernet)		
PLC 界面	RS232	RS232, RS485	
传输速率	9600	9600~115200 Ethernet	Ethernet 可选择使用 UDP 或 TCP/IP 协议
校验	Even	Even, Odd, None	
数据位	8	8	
停止位	1	1	
PLC 站号	1	1-31	HMI Modbus 站号
端口		502	

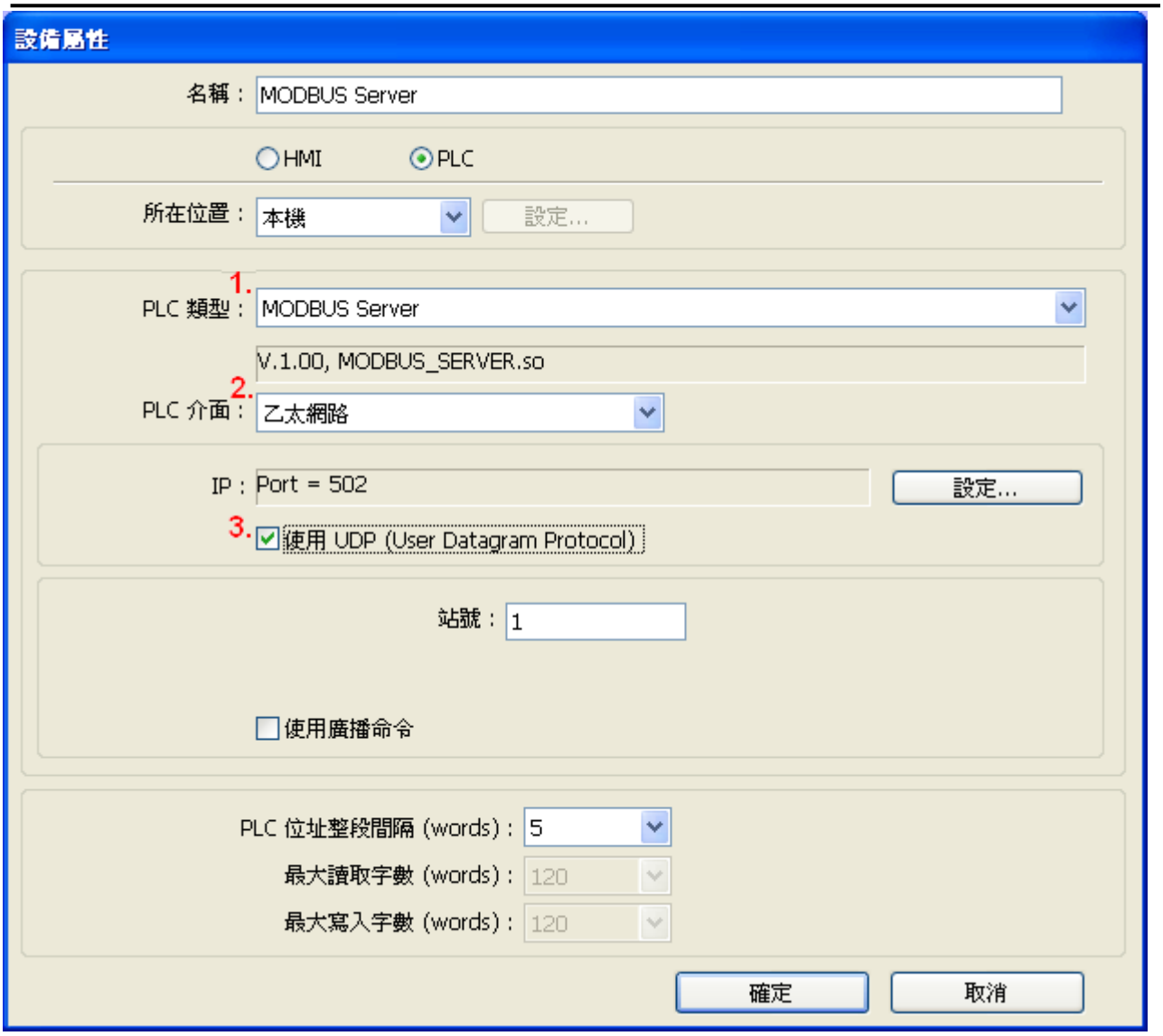
在线仿真	YES	扩展模式	NO
广播命令	NO		

PLC 设定:

通讯模式	Modbus RTU protocol

Modbus Server UDP 协议设定:

MODBUS Server (Ethernet)可以选择 UDP 通讯模式，设定 UDP 模式的方式为进入软件[系统参数设定]，于[装置列表]中选择[新增]，于[PLC 类型]选择 “Modbus Server”，[PLC 接口]选择[以太网络]，并勾选[使用 UDP(User Datagram Protocol)即可完成设定。



Modbus Server 的 Port No.可由上图点选[设定]来修改 Port No.。

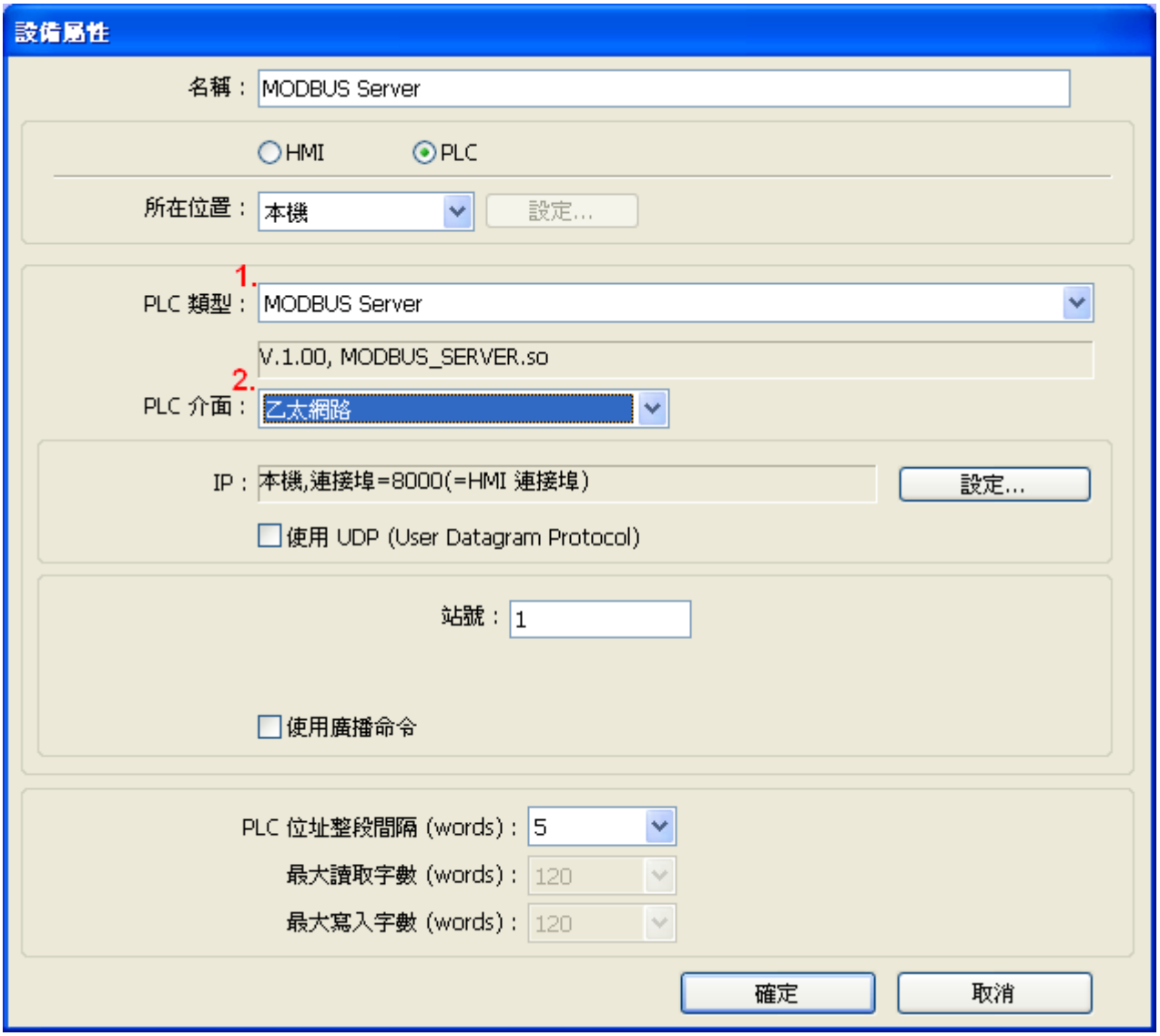
由于 Modbus Server Port No.不能与 HMI Port No.相同，若是进入[设定]并输入和 HMI Port No.相同的数值时，会出现以下警示讯息，请用户重新设定 Modbus Server Port No.。



- 最多可以同时连接 64 台 Client
- Modbus Server Port No.不能与 HMI Port No.相同

Modbus Server TCP/IP 协议设定:

MODBUS Server (Ethernet)可以使用 TCP/IP 通讯模式，进入软件[系统参数设定]，于[装置列表]中选择[新增]，于[PLC 类型]选择 “Modbus Server”，[PLC 接口]选择[以太网络]，即完成设定。

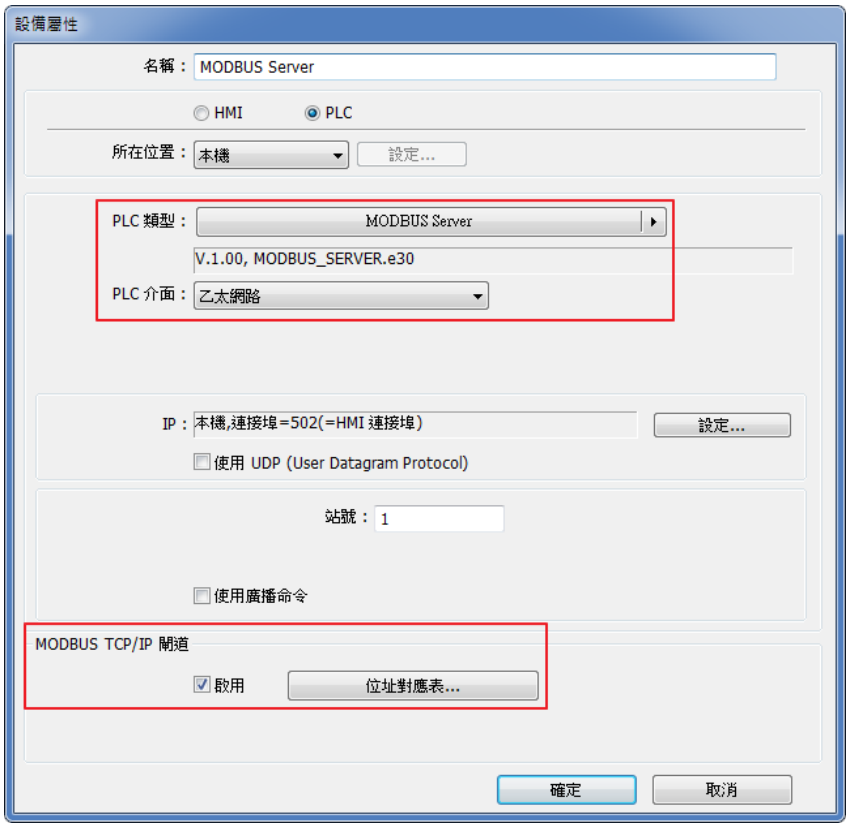


使用 Modbus Server TCP/IP 时，HMI 的端口即为 Modbus Server 的 Port No.，可由以下路径变更 Port No，进入[系统参数设定]点选[HMI 属性]即可看到端口号的默认值为 8000，用户可由此处修改 Modbus Server 的端口。



MODBUS TCP/IP 网关功能:

当选用以太网络接口，可选择开启 [MODBUS TCP/IP 网关] 功能，此项功能可让 SCADA (Supervisory Control and Data Acquisition) 软件利用 MODBUS TCP/IP 协议，经由人机直接读取或修改 PLC 上的数据。



在启用 [MODBUS TCP/IP 网关] 功能后，需特别注意以下两点：

a. 取消 MODBUS Server 与人机地址间原来的对应关系。

b. 禁止 SCADA 软件一次读/写定义在不同 [地址对应表] 中的地址。

详细信息请参考 ”第 37 章_MODBUS_TCPIP 网关功能”。



设备类型:

字符/位	设备类型	格式	范围	注释
B	LB	dddd	0~9998	Mapping to 0x/1x 1~9999
W	LW	dddd	0~9998	Mapping to 3x/4x 1~9999
W	RW	ddddd	0~55536	Mapping to 3x/4x 10000~65536

LB0 = 0x0001, LB1 = 0x0002, LW0 = 3x0001, LW1 = 3x0002
Modbus RTU 服务器不支持功能码 06(默认单一缓存器)，请使用功能码 16(0x10，默认多个缓存器)。

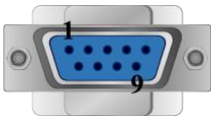
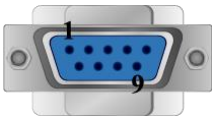
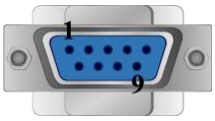
Modbus Server 功能码:

0x	0x01 Read coil	0x05 write single coil
0x_multi_coils	0x01 Read coil	0x0f write multiple coil
1x	0x02 Read discrete input	N/A for write operation
3x	0x04 Read input register	N/A for write operation
4x	0x03 Read holding register	0x10 write multiple register

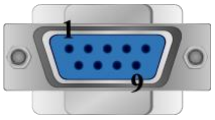
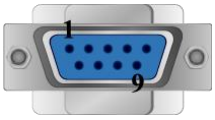
接线图:

MODBUS SERVER : RS232

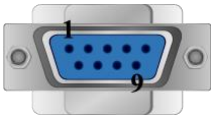
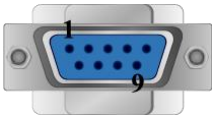
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Female	
2 RX	8 RX		TXD	
3 TX	7 TX		RXD	
5 GND	5 GND		GND	
			RTS	circuit
			CTS	
				

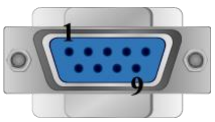
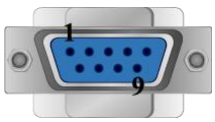
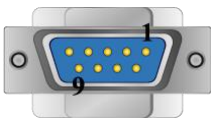
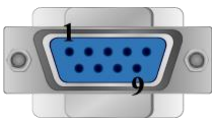
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female	
2 RX			TXD	
3 TX			RXD	
5 GND			GND	
			RTS CTS	circuit
				

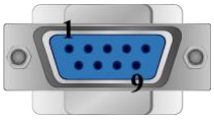
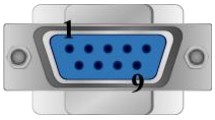
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female	
2 RX			TXD	
3 TX			RXD	
5 GND			GND	
			RTS CTS	circuit
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Female	
2 RX	6 RX	8 RX	TXD	
3 TX	4 TX	7 TX	RXD	
5 GND	5 GND	5 GND	GND	
			RTS CTS	circuit
				

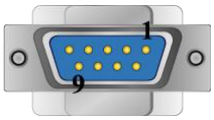
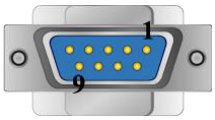
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female	
9 RX			TXD	
6 TX			RXD	
5 GND			GND	
			RTS	circuit
			CTS	
				

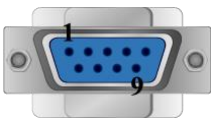
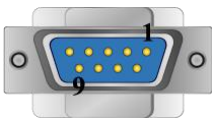
以下图表示从连接线的焊接端所视.

MODBUS SERVER : RS485 4W

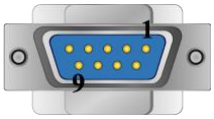
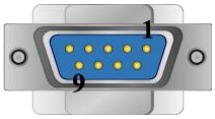
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

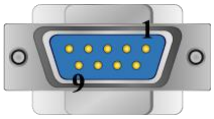
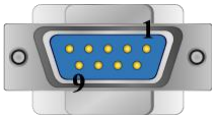
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS485 4W 9P D-Sub Male
7 RX-			TX-
6 RX+			TX+
9 TX-			RX-
8 TX+			RX+
5 GND			GND
			

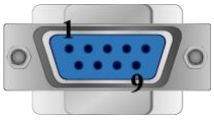
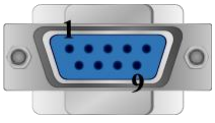
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

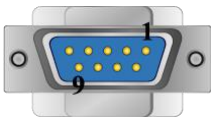
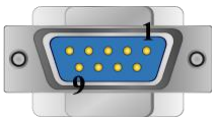
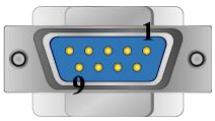
MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			RS485 4W 9P D-Sub Female
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

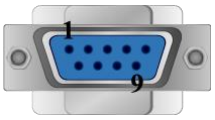
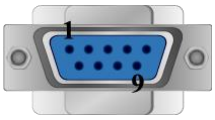
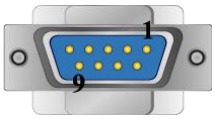
以下图表示从连接线的焊接端所视.

MODBUS SERVER : RS485 2W

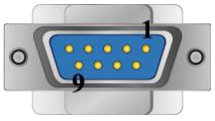
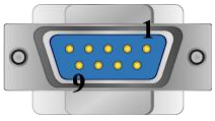
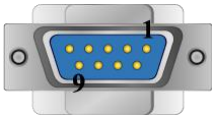
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		GND
			

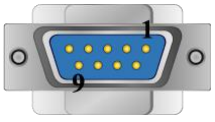
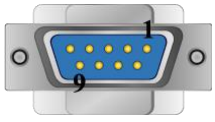
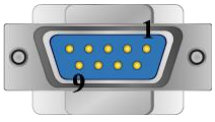
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
7 RX-	4 Data-		D-
6 RX+	1 Data+		D+
5 GND	5 GND		GND
			

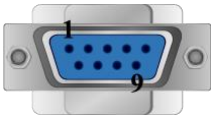
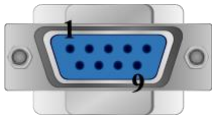
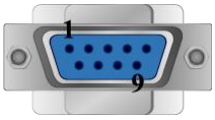
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	9 GND		GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Female
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	5 GND		GND
			

MODBUS SERVER : Ethernet

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

注意：在 HMI 装置内设定一个以上的 Modbus server 不会产生任何作用。

驱动版本:

版本	日期	叙述
V1.00	Dec/30/2008	发布驱动程序

MODBUS TCP/IP

支持系列: Modbus RTU TCP/IP 设备.

网站: http://www.modbus.org

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	MODBUS TCP/IP		
PLC 界面	Ethernet		
PLC 站号	1	0~255	
端口	502		

设备类型:

字符/位	设备类型	格式	范围	注释
B	0x	DDDDD	1 ~ 65535	Output bit
B	1x	DDDDD	1 ~ 65535	Input bit (只读)
B	3x_bit	DDDDDdd	100 ~ 6553515	Input Register bit(只读)
B	4x_bit	DDDDDdd	100 ~ 6553515	Output Register bit
B	6x_bit	DDDDDdd	100 ~ 6553515	Output Register bit
B	0x_multi_coils	DDDDD	1 ~ 65535	Write multiple coils
W	3x	DDDDD	1 ~ 65535	Input Register
W	4x	DDDDD	1 ~ 65535	Output Register
DW	5x	DDDDD	1 ~ 65535	4x double word swap
W	6x	DDDDD	1 ~ 65535	4x single word write
W	4x string central europe rev	DDDDD	1 ~ 65535	

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.50	Aug/26/2009	

MODBUS RTU (0x/1x Range Adjustable)

支持系列 : Modbus RTU TCP/IP 设备
网站 : http://www.modbus.org

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	MODBUS RTU (0x/1x Range Adjustable)		
PLC 界面	Ethernet		
端口	502		
PLC 站号	1	0~255	

在线仿真	YES
扩展模式	YES

PLC 设定:

通讯模式	Modbus RTU protocol

设备类型:

字符/位	设备类型	格式	范围	注释
B	0x	DDDDD	1 ~ 65535	Output bit
B	1x	DDDDD	1 ~ 65535	Input bit (只读)
B	3x_Bit	DDDDDdd	100 ~ 6553515	Input Register bit (只读)
B	4x_Bit	DDDDDdd	100 ~ 6553515	Output Register bit
B	6x_Bit	DDDDDdd	100 ~ 6553515	Output Register bit
B	0x_multi_coils	DDDDD	1 ~ 65535	Write multiple coils
W	3x	DDDDD	1 ~ 65535	Input Register (只读)
W	4x	DDDDD	1 ~ 65535	Output Register
DW	5x	DDDDD	1 ~ 65535	4x double word swap
W	6x	DDDDD	1 ~ 65535	4x single word write
W	4x string central europe rev	DDDDD	1 ~ 65535	

注意：

地址类型“5x”代表 Hold Reg。在通讯协议中”5x”相当于“4x”，只是当为双字符时，“5x”的高字符和低字符的位置是颠倒的。

假设 4x 遵循以下信息：

Address	1	2	3	4	5	6	...
Data in word	0x1	0x2	0x3	0x4	0x5	0x6	
Data	0x20001		0x40003		0x60005		

对地址类型改为 5x 的话,就会变成：

Address	1	2	3	4	5	6	...
Data in word	0x2	0x1	0x4	0x3	0x6	0x5	
Data	0x10002		0x30004		0x50006		

Modbus RTU 功能码:

0x 0x01 Read coil 0x05 Write single coil

0x_multi_coils 0x01 Read coil 0x0f Write multiple coil

1x 0x02 Read discrete input N/A for writing operation

3x 0x04 Read input register N/A for writing operation

4x 0x03 Read holding register 0x10 Write multiple register

5x 0x03 Read holding register 0x10 Write multiple register

(注意：仅双字符格式会变成颠倒排列)

3xbit 等同于 3x

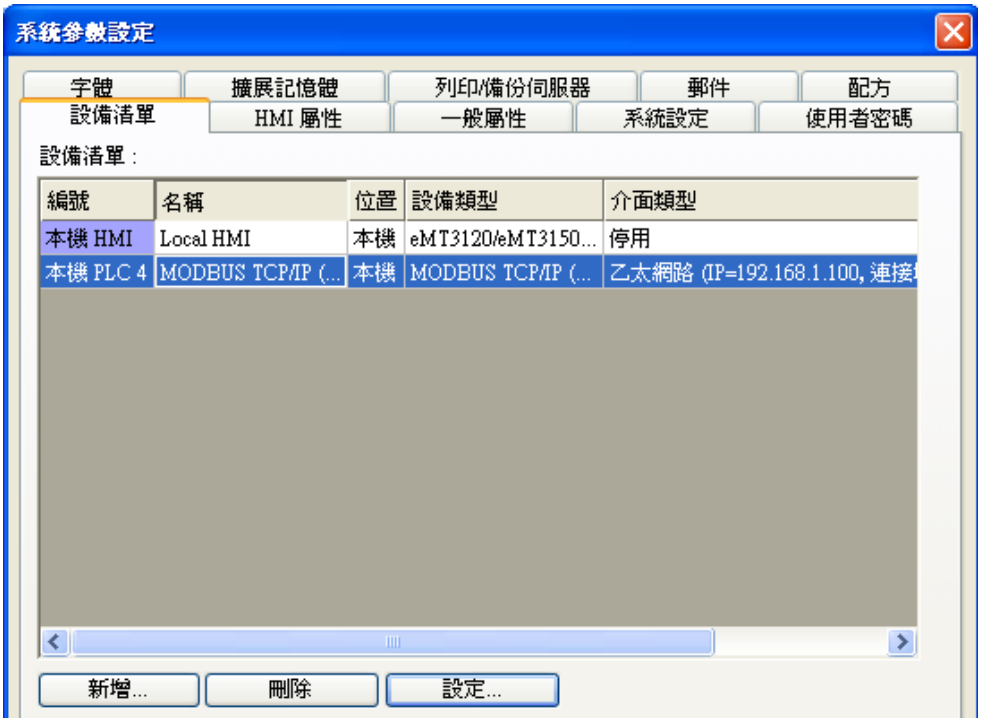
4xbit 等同于 4x

6x 0x03 Read holding register 0x06 write single register

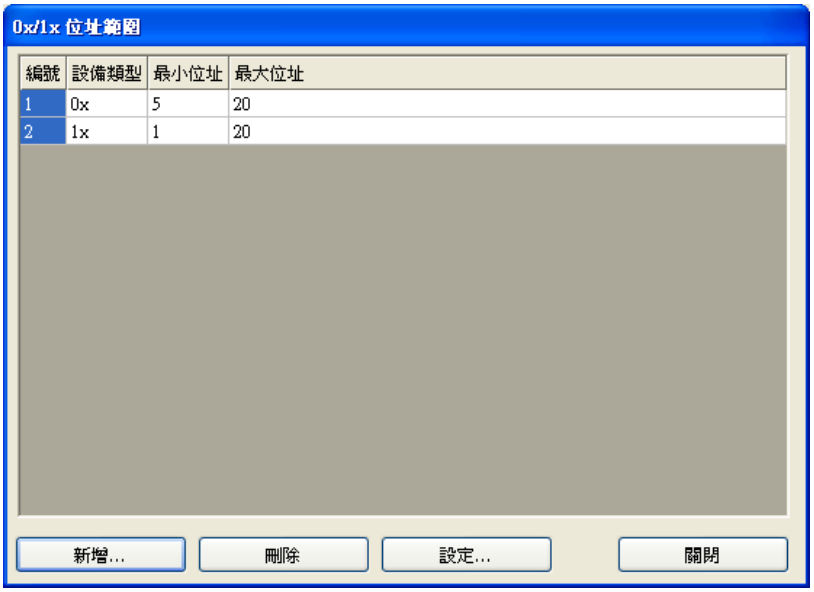
(注意：使用 6x 装置时仅限于单字元)

设定教学:

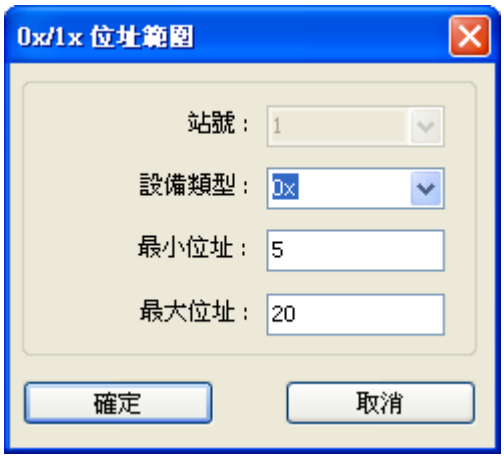
1. 到[系统参数设定]  ，点击 [新增…] 以增加一个新的装置 -MODBUS TCP/IP (0x/1x Range Adjustable)，如下图所示：



2. 点击[新增地址范围限制…]，会跳出[0x/1x 地址范围]对话窗口，用户可在此窗口中自行定义 0x 和 1x 地址范围。

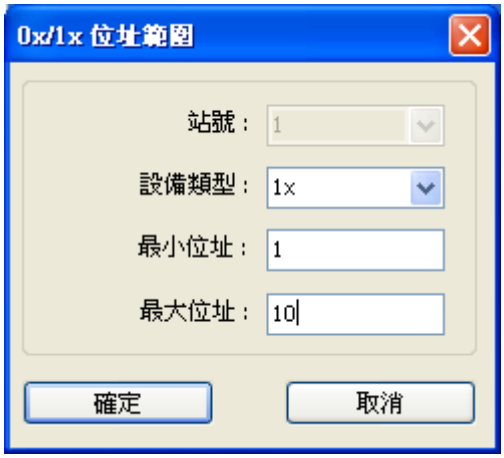


新增：设定[设备类型]、[最小地址]、[最大地址]，点击[确定] 后完成新增。



删除：则此选项会被删除。

设定：设定[设备类型]、[最小地址]、[最大地址]，点击[确定] 后完成修改。

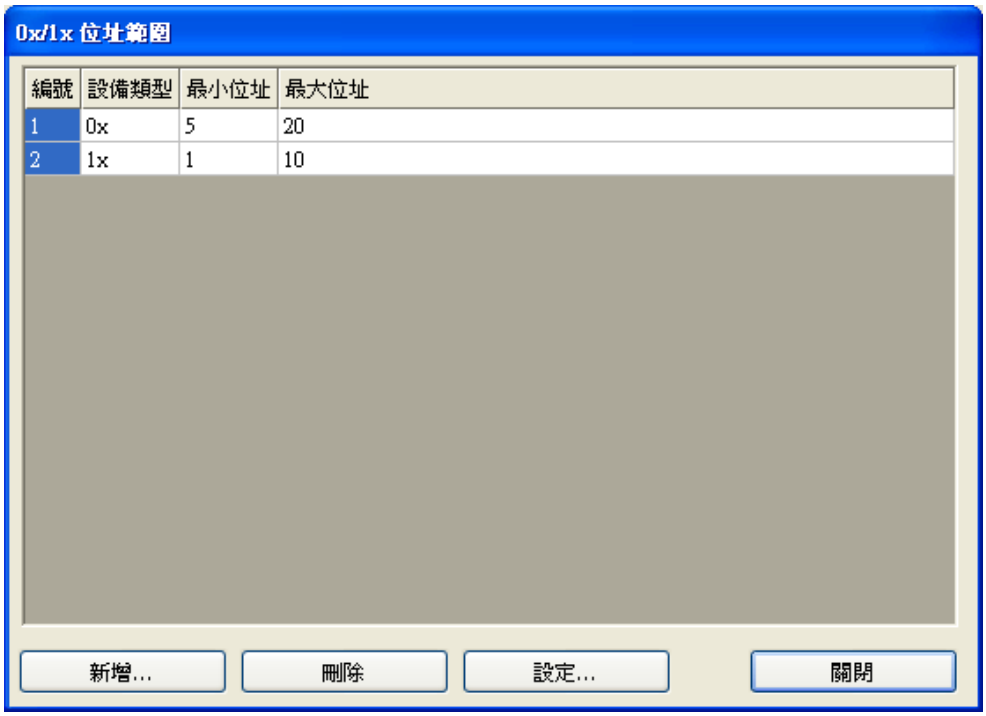


范例：

假设地址类型 0x 与 1x，在设定选项需根据不同 PLC 类型的位范围做设定。

以 0x 为例，[设备类型] 为 **0x**，[最小地址] 为 **5**，[最大地址] 为 **20**。

以 1x 为例，[设备类型] 为 **1x**，[最小地址] 为 **1**，[最大地址] 为 **10**。



完成以上的设定后，用户可与设备进行通讯。

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.00	NOV/2/2011	发布驱动程序.
V1.10	MAR/14/2012	新增可修改 0x、1x 最小地址范围功能.

MODBUS TCP/IP (zero-based addressing)

支持系列 : Modbus RTU TCP/IP 设备.

网站: http://www.modbus.org

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	MODBUS TCP/IP (zero-based addressing)		
PLC 界面	Ethernet		
PLC 站号	1	0~255	
端口	502		

设备类型:

字符/位	设备类型	格式	范围	注释
B	0x	DDDDD	0 ~ 65535	Output bit
B	1x	DDDDD	0 ~ 65535	Input bit (只读)
B	3x_Bit	DDDDDdd	0 ~ 6553515	Input Register bit (只读)
B	4x_Bit	DDDDDdd	0 ~ 6553515	Output Register bit
B	6x_Bit	DDDDDdd	0 ~ 6553515	Output Register bit
B	0x_multi_coils	DDDDD	0 ~ 65535	Write multiple coils
W	3x	DDDDD	0 ~ 65535	Input Register
W	4x	DDDDD	0 ~ 65535	Output Register
DW	5x	DDDDD	0 ~ 65535	4x double word swap
W	6x	DDDDD	0 ~ 65535	4x single word write

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

驱动版本:

版本	日期	叙述
V1.40	Aug/27/2009	

MODBUS TCP/IP 32Bit

支持系列: Modbus RTU TCP/IP 设备.

网站: http://www.modbus.org

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	MODBUS TCP/IP 32Bit		
PLC 界面	Ethernet		
PLC 站号	1	0~255	
端口	502		

设备类型:

字符/位	设备类型	格式	范围	注释
B	0x	DDDDD	1 ~ 65535	Output bit
B	1x	DDDDD	1 ~ 65535	Input bit (只读)
B	3x_Bit	DDDDDdd	100 ~ 6553515	Input Register bit (read only)
B	4x_Bit	DDDDDdd	100 ~ 6553515	Output Register bit
B	6x_Bit	DDDDDdd	100 ~ 6553515	Output Register bit
B	0x_multi_coils	DDDDD	1 ~ 65535	Write multiple coils
W	3x	DDDDD	1 ~ 65535	Input Register
W	4x	DDDDD	1 ~ 65535	Output Register
DW	5x	DDDDD	1 ~ 65535	4x double word swap
W	6x	DDDDD	1 ~ 65535	4x single word write
W	4x_32Bit*	DDDDD	1 ~ 65535	Output Register

* 4x_32Bit 一个封包只会读写 2 个 word，若是连续地址会拆成若干的封包来传送。

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

驱动版本:

版本	日期	叙述
V1.00	Aug/27/2009	发布驱动程序.

Moeller XC-CPU101

支持系列: MOELLER XC100/200 series

网站: http://www.moeller.net

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Moeller XC-CPU101		
PLC 界面	RS232		
传输速率	38400	4800~57600	
校验	None		
数据位	8		
停止位	1		
PLC 站号	1		

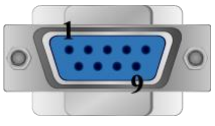
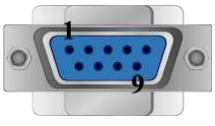
设备类型:

字符/位	设备类型	格式	范围	注释
B	QX	DDo	0 ~ 157	
B	IX	DDo	0 ~ 157	
W	MW	DDDD	0 ~ 4095	
W	QW	DD	0 ~ 15	
W	IW	DD	0 ~ 15	

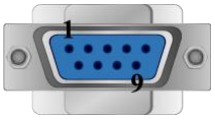
接线图:

以下图表示从连接线的焊接端所视.

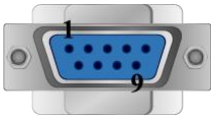
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 8P RJ45 Male
2 RX	8 RX		5 TD
3 TX	7 TX		8 RD
5 GND	5 GND		4 GND
			

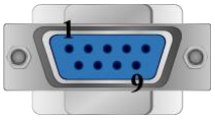
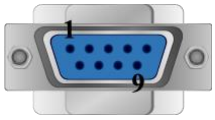
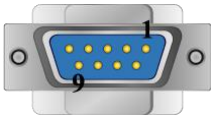
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 8P RJ45 Male
2 RX			5 TD
3 TX			8 RD
5 GND			4 GND
			

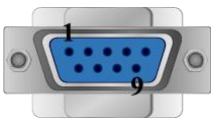
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 8P RJ45 Male
2 RX			5 TD
3 TX			8 RD
5 GND			4 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 8P RJ45 Male
2 RX	6 RX	8 RX	5 TD
3 TX	4 TX	7 TX	8 RD
5 GND	5 GND	5 GND	4 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 8P RJ45 Male
9 RX			5 TD
6 TX			8 RD
5 GND			4 GND
			

驱动版本:

版本	日期	叙述
V1.00	Apr/01/2010	发布驱动程序.

motrona CT-150

支持系列: motrona CT-150
网站: http://motrona.net/index.html

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	motrona CT-150		
PLC 界面	RS232		
传输速率	9600		
校验	Even		
数据位	7		
停止位	1		
PLC 站号	11		

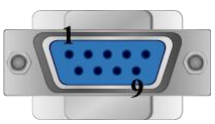
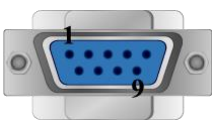
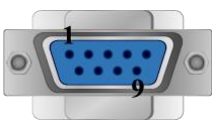
设备类型:

字符/位	设备类型	格式	范围	注释
W	An	D	4 ~ 8	
W	Bn	D	1 ~ 9	
W	Cn	DD	0 ~ 99	

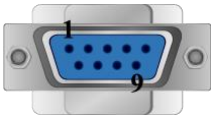
接线图:

以下图表示从连接线的焊接端所视.

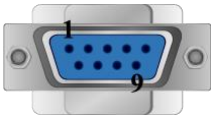
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Female
2 RX	8 RX		3 TXD
3 TX	7 TX		2 RXD
5 GND	5 GND		5 GND
			

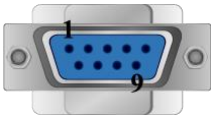
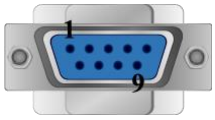
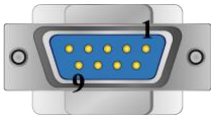
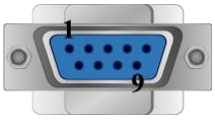
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			PLC RS232 8P RJ45 Male
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

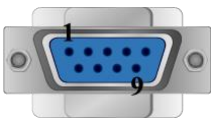
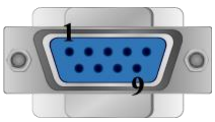
MT8000iE series

COM1 RS232 9P D-Sub Female			PLC RS232 8P RJ45 Male
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Female
2 RX	6 RX	8 RX	3 TXD
3 TX	4 TX	7 TX	2 RXD
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female
9 RX			3 TXD
6 TX			2 RXD
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.00	Oct/11/2012	发布驱动程序.

motrona CT15012B

支持系列: motrona CT15012B
网站: http://motrona.net/index.html

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	motrona CT15012B		
PLC 界面	RS232		
传输速率	9600		
校验	Even		
数据位	7		
停止位	1		
PLC 站号	11		

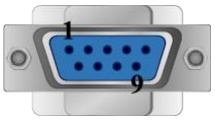
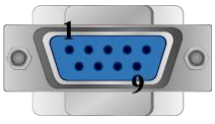
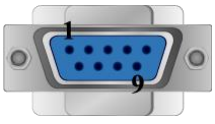
设备类型:

字符/位	设备类型	格式	范围	注释
W	Cn	DD	0 ~ 99	

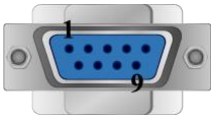
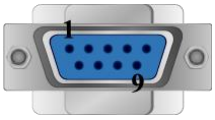
接线图:

以下图表示从连接线的焊接端所视.

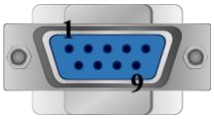
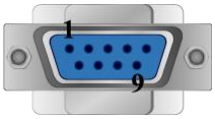
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Female
2 RX	8 RX		3 TXD
3 TX	7 TX		2 RXD
5 GND	5 GND		5 GND
			

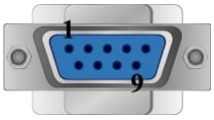
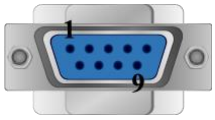
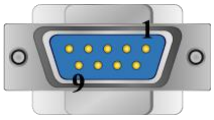
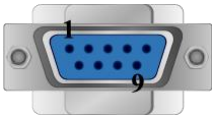
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

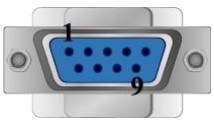
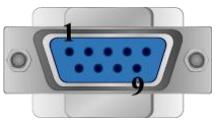
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Female
2 RX	6 RX	8 RX	3 TXD
3 TX	4 TX	7 TX	2 RXD
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female
9 RX			3 TXD
6 TX			2 RXD
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.00	Dec/19/2012	发布驱动程序.

motrona MC700

支持系列: motrona MC700
网站: http://motrona.net/index.html

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	motrona MC700		
PLC 界面	RS232		
传输速率	9600		
校验	Even		
数据位	7		
停止位	1		
PLC 站号	11		

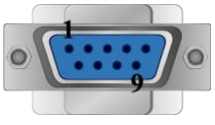
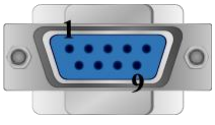
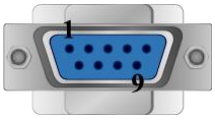
设备类型:

字符/位	设备类型	格式	范围	注释
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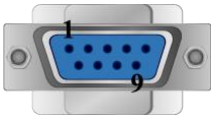
接线图:

以下图表示从连接线的焊接端所视.

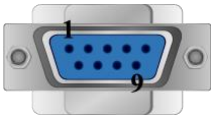
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Female
2 RX	8 RX		3 TXD
3 TX	7 TX		2 RXD
5 GND	5 GND		5 GND
			

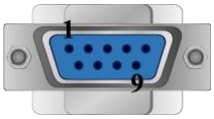
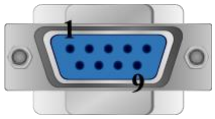
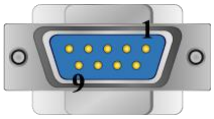
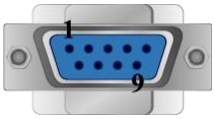
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			PLC RS232 8P RJ45 Male
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

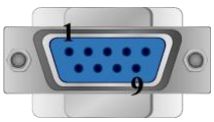
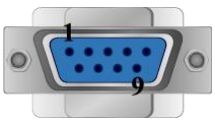
MT8000iE series

COM1 RS232 9P D-Sub Female			PLC RS232 8P RJ45 Male
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Female
2 RX	6 RX	8 RX	3 TXD
3 TX	4 TX	7 TX	2 RXD
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female
9 RX			3 TXD
6 TX			2 RXD
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.00	Dec/19/2012	发布驱动程序.

Nanotec Stepper Motor

支持系列: Nanotec Stepper Motor
网站: http://en.nanotec.com/start.html

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	Nanotec Stepper Motor		
PLC 界面	RS485 2W		
传输速率	115200		
校验	8		
数据位	None		
停止位	1		
PLC 站号	1		

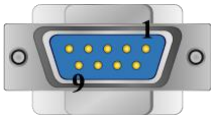
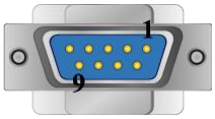
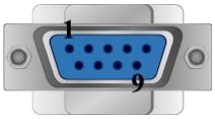
设备类型:

字符/位	设备型态	格式	范围	注释
W	A1 ~ A14	DD	1 ~ 32	
W	B1 ~ B17	D	1	
W	B18	DD	1 ~ 32	
W	B19 ~ B24	D	1	
W	B25 ~ B26	DD	1 ~ 8	
W	B27 ~ B46	D	1	
W	C1 ~ C6	D	1	
W	D1 ~ D13	D	1	
W	E1 ~ E6	D	1	
W	F1 ~ F41	D	1	
W	G1	D	1	
W	G2	DD	1 ~ 10	
W	G3 ~ G5	DD	1 ~ 7	
W	H1 ~ H10	D	1	
W	J1 ~ J6	D	1	

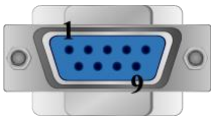
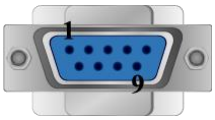
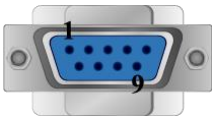
接线图:

以下图表示从连接线的焊接端所视.

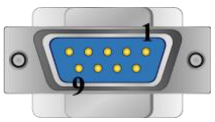
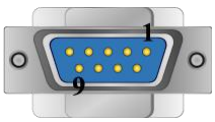
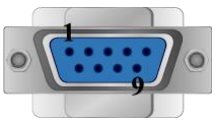
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Female	
1 RX-	6 Data-		7 Out -	circuit
			9 In -	
2 RX+	9 Data+		2 Out +	circuit
			4 In +	
5 GND	5 GND		8 GND	
				

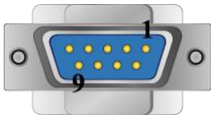
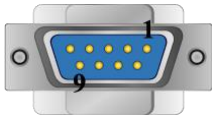
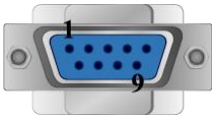
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Female	
7 RX-	4 Data-		7 Out -	circuit
			9 In -	
6 RX+	1 Data+		2 Out +	circuit
			4 In +	
5 GND	5 GND		8 GND	
				

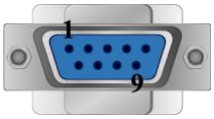
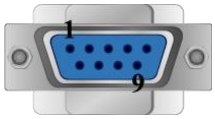
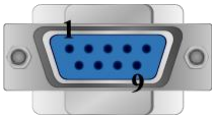
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Female	
1 RX-	7 Data-		7 Out -	circuit
			9 In -	
2 RX+	8 Data+		2 Out +	circuit
			4 In +	
5 GND	9 GND		8 GND	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Female	
1 RX-	6 Data-		7 Out -	circuit
			9 In -	
2 RX+	9 Data+		2 Out +	circuit
			4 In +	
5 GND	5 GND		8 GND	
				

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Female	
1 RX-	7 Data-		7 Out -	circuit
			9 In -	
2 RX+	8 Data+		2 Out +	circuit
			4 In +	
5 GND	5 GND		8 GND	
				

驱动版本:

版本	日期	叙述
V1.00	Aug/24/2012	发布驱动程序.

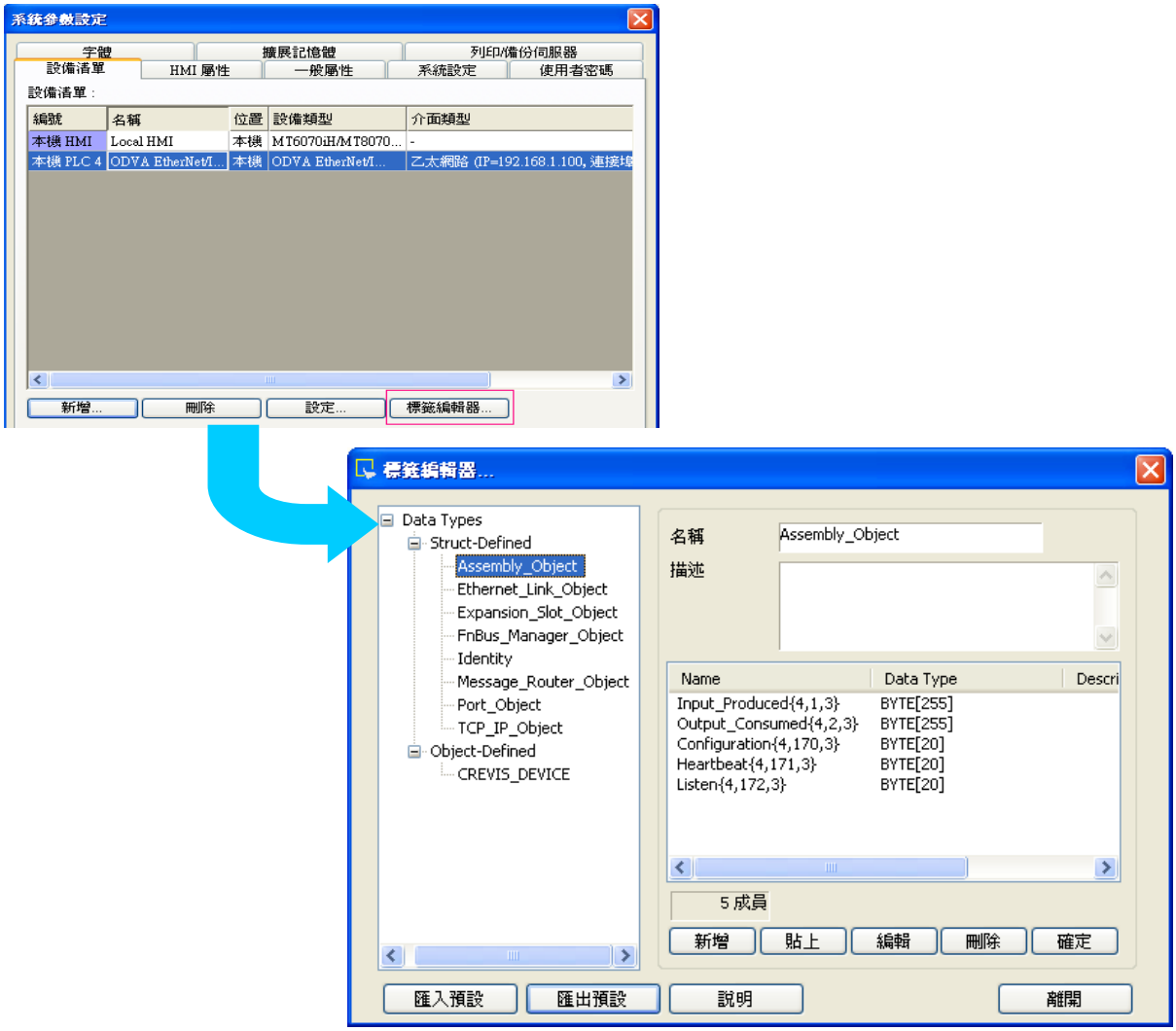
ODVA EtherNet/IP Explicit Messaging

支持系列: Crevis EtherNet/IP NA-9188
网站: http://www.crevis.co.kr/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	ODVA EtherNet/IP Explicit Messaging		
PLC 界面	Ethernet		
端口	9600		
PLC 站号	0		

新建立此驱动时必需先点选 **"标签编辑器"**，初始化卷标信息，编辑地址卷标信息请参照原厂手册设定。



举例说明如何在标签编辑器新增原厂手册中 3.2.3 Identity Object 中的 Vendor ID.

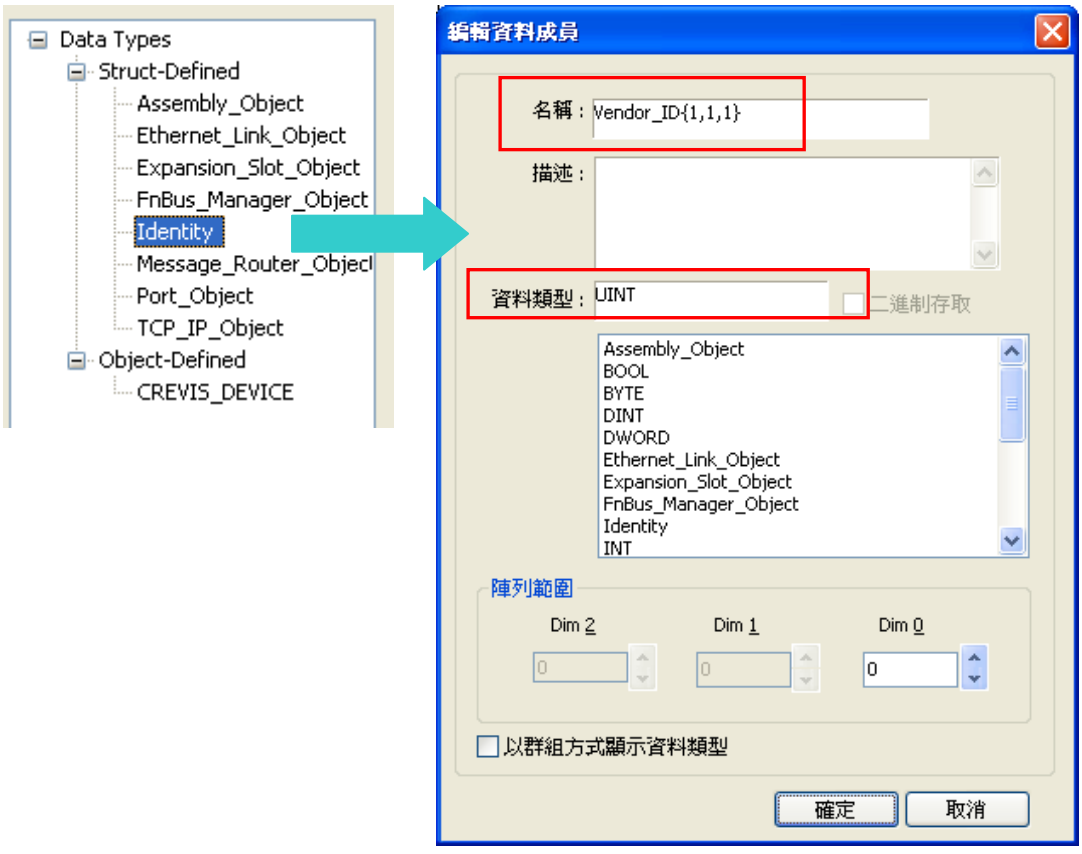
3.2. Identity Object

Class Code: 01_{HEX}

3.2.3. Instance Attributes

Instance ID	Attribute ID	Access Rule	Name	Data Type	Value
1	1	Get	Vendor ID	UINT	741_{DEC} (Crevis Co., Ltd)
	2	Get	Device Type	UINT	$0C_{HEX}$ (Communications Adapter)
	3	Get	Product Code	UINT	512_{DEC} (NA-9188)
	4	Get	Revision - Major - Minor	Structure of: USINT USINT	 1 ~ 9 1 ~ 255

在 **Struct-Defined -> Identity** 下新增 **Vendor_ID** 成员，{1,1,1}代表的是{**Class code** , **Instance ID** , **Attribute ID**}，数据类型依照原厂手册填入 UINT，建立成功后在 Identity Object 下即可看到此成员。



支持设备类型:

数据类型	EasyBuilder 数据格式	注释
Bool	bit	
Byte	16-bit BCD, Hex, Binary, Unsigned	8-bit
SInt	16-bit BCD, Hex, Binary, Signed	8-bit
USInt	16-bit BCD, Hex, Binary, Unsigned	8-bit
Word	16-bit BCD, Hex, Binary, Unsigned	16-bit
Int	16-bit BCD, Hex, Binary, Signed	16-bit
UInt	16-bit BCD, Hex, Binary, Unsigned	16-bit
DWord	32-bit BCD, Hex, Binary, Unsigned	32-bit
DInt	32-bit BCD, Hex, Binary, Signed	32-bit
Real	32-bit Float	32-bit
UDInt	32-bit BCD, Hex, Binary, Unsigned	32-bit
Array	Word array for ASCII input and ASCII display	Length=word

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.00	Apr/29/2013	发布驱动程序.

OMRON C/CQM1 Series

支持系列: OMRON C, CPM, CPL, CQM Series (Host Link Protocol)
网站: http://oeiweb.omron.com/oei/Products-PLC.htm

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	OMRON C/CQM1 Series		
PLC 界面	RS232	RS232, RS422, RS485	
传输速率	9600	9600, 19200	
校验	Even	Even, Odd, None	
数据位	7	7 or 8	
停止位	2	1 or 2	
PLC 站号	0	0-31	Host Link Station No.

在线仿真	YES	广播命令	YES
扩展模式	YES		

*于穿透模式下可同时支持 HMI 与 PLC 间的通讯
*于穿透模式下可设定 LW-9903 为 2 来增进上传/下载 PLC 程序的速度

PLC 设定:

通讯模式	Host Link protocol / PLC 必须设定 monitor 模式

设备类型:

字符/位	设备类型	格式	范围	注释
B	IR	DDDDdd	0 ~ 409515	I/O and internal Relay
B	HR	DDDDdd	0 ~ 409515	Hold Relay
B	LR	DDDDdd	0 ~ 409515	Link Relay
B	IR(Force Set/Reset)	DDDDdd	0 ~ 409515	
B	HR(Force Set/Reset)	DDDDdd	0 ~ 409515	
B	LR(Force Set/Reset)	DDDDdd	0 ~ 409515	
B	AR	DDDDdd	0 ~ 409515	Auxiliary Relay
W	AR_W	DDDD	0 ~ 4095	
W	IR_W	DDDD	0 ~ 4095	
W	HR_W	DDDD	0 ~ 4095	

字符/位	设备类型	格式	范围	注释
W	LR_W	DDDD	0 ~ 4095	
W	TC	DDD	0 ~ 255	
W	DM	DDDD	0 ~ 9999	Data register

接线图:

以下图表示从连接线的焊接端所视.

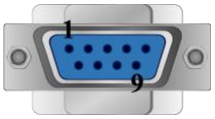
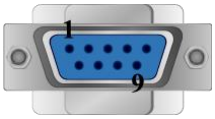
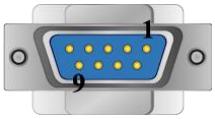
CPU Port (CPM2A,CQM1/1H,C200H/HS/ALPHA series)

Communication Module:

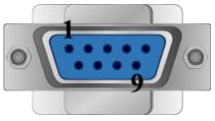
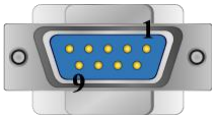
CPM1-CIF01 adapter (for CPM1/CPM1A/CPM2A series, CQM1/CQM1H series)

CPM1H-SCB41 communication module (for CQM1H-CPU51/61)

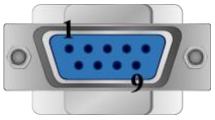
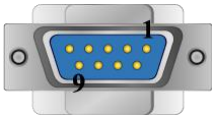
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male	
2 RX	8 RX		2 SD	
3 TX	7 TX		3 RD	
5 GND	5 GND		9 GND	
			4 RS	circuit
			5 CS	
				

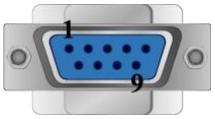
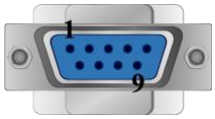
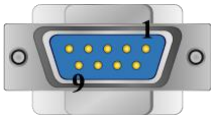
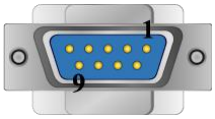
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			2 SD	
3 TX			3 RD	
5 GND			9 GND	
			4 RS	circuit
			5 CS	
				

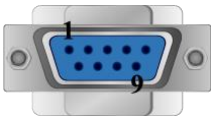
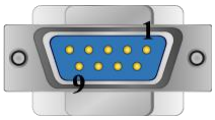
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			2 SD	
3 TX			3 RD	
5 GND			9 GND	
			4 RS	circuit
			5 CS	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male	
2 RX	6 RX	8 RX	2 SD	
3 TX	4 TX	7 TX	3 RD	
5 GND	5 GND	5 GND	9 GND	
			4 RS	circuit
			5 CS	
				

MT6050i/MT8050i

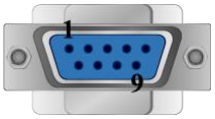
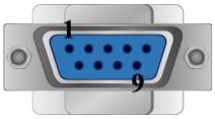
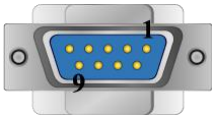
COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
9 RX			2 SD	
6 TX			3 RD	
5 GND			9 GND	
			4 RS	circuit
			5 CS	
				

以下图表示从连接线的焊接端所视.

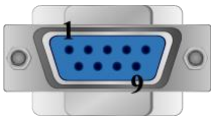
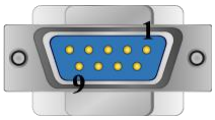
C200h-LK201,3G2A6-LK201 communication module

C200HW-COM02/03/04/05/06 communication module

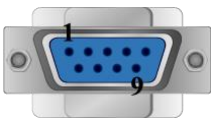
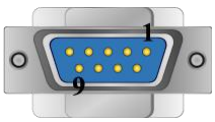
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male	
2 RX	8 RX		2 SD	
3 TX	7 TX		3 RD	
5 GND	5 GND		7 GND	
			4 RS	circuit
			5 CS	
				

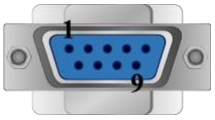
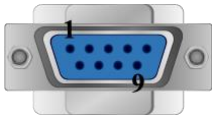
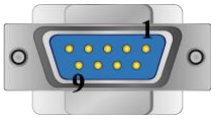
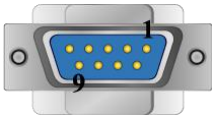
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			2 SD	
3 TX			3 RD	
5 GND			7 GND	
			4 RS	circuit
			5 CS	
				

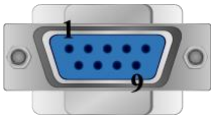
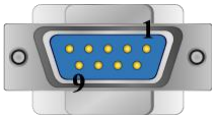
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			2 SD	
3 TX			3 RD	
5 GND			7 GND	
			4 RS	circuit
			5 CS	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male	
2 RX	6 RX	8 RX	2 SD	
3 TX	4 TX	7 TX	3 RD	
5 GND	5 GND	5 GND	7 GND	
			4 RS	circuit
			5 CS	
				

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
9 RX			2 SD	
6 TX			3 RD	
5 GND			7 GND	
			4 RS	circuit
			5 CS	
				

驱动版本:

版本	日期	叙述
V1.80	Apr/14/2010	

OMRON CJ/CS/CP

支持系列: OMRON CP1E,CP1L, CP1H, CJ1M, CJ2M, CJ1H, CJ1G, CS1H and CS1G. (Host Link Protocol FINS command), 此驱动支持扩展模式。

网站: http://oeiweb.omron.com/oei/Products-PLC.htm

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	OMRON CJ/CS/CP		
PLC 界面	RS232	RS232, RS422, RS485	
传输速率	9600	9600~115200	
校验	Even	Even, Odd, None	
数据位	7	7 or 8	
停止位	2	1 or 2	
PLC 站号	0	0-31	Host Link Station No.

在线仿真	YES	扩展模式	YES
广播命令	NO		

*于穿透模式下可同时支持 HMI 与 PLC 间的通讯

*于穿透模式下可设定 LW-9903 为 2 来增进上传/下载 PLC 程序的速度

PLC 设定:

通讯模式	Host Link protocol

设备类型:

字符/位	设备类型	格式	范围	注释
B	CIO_Bit	DDDDDdd	0 ~ 3276715	Channel I/O (CIO)
B	W_Bit	DDDDDdd	0 ~ 3276715	Work Area (WR)
B	H_Bit	DDDDDdd	0 ~ 3276715	Holding Area (HR)
B	D_Bit	DDDDDdd	0 ~ 3276715	Data Memory (DM)
B	A_Bit	DDDDDdd	0 ~ 3276715	Auxiliary Relay (AR)
B	T_Bit	DDDDDdd	0 ~ 3276715	Timer (TIM)
B	C_Bit	DDDDDdd	0 ~ 3276715	Counter (CNT)
B	C_flag	DDDD	0 ~ 4095	

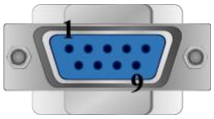
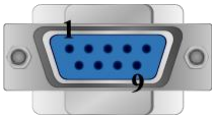
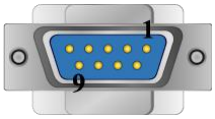
字符/位	设备类型	格式	范围	注释
B	T_flag	DDDD	0 ~ 4095	
B	LR_Bit	DDDdd	0 ~ 19915	
B	EM0_Bit ~EMC_Bit	DDDDDdd	0 ~ 3276715	Extend Memory
W	T	DDDDD	0 ~ 32767	Timer (TIM)
W	H	DDDDD	0 ~ 32767	Holding Area (HR)
W	D	DDDDD	0 ~ 32767	Data Memory (DM)
W	A	DDDDD	0 ~ 32767	Auxiliary Relay (AR)
W	W	DDDDD	0 ~ 32767	Work Area (WR)
W	C	DDDDD	0 ~ 32767	Counter (CNT)
W	CIO	DDDDD	0 ~ 32767	Channel I/O (CIO)
W	EM0 ~ EMC	DDDDD	0 ~ 32767	Extend Memory
W	LR	DDD	0 ~ 199	

接线图:

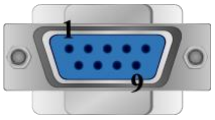
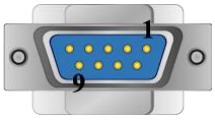
以下图表示从连接线的焊接端所视.

9P D-Sub to 9P D-Sub:

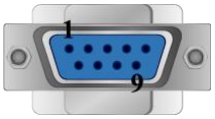
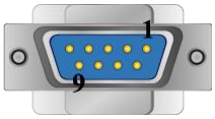
eMT3000 series

<table>
<tr><td>COM1 RS232 9P D-Sub Female</td><td>COM3 RS232 9P D-Sub Female</td><td></td><td colspan="2">RS232 9P D-Sub Male</td></tr>
<tr><td>2 RX</td><td>8 RX</td><td></td><td colspan="2">2 SD</td></tr>
<tr><td>3 TX</td><td>7 TX</td><td></td><td colspan="2">3 RD</td></tr>
<tr><td>5 GND</td><td>5 GND</td><td></td><td colspan="2">9 GND</td></tr>
<tr><td colspan="3" rowspan="2"></td><td>4 RS</td><td rowspan="2">circuit</td></tr>
<tr><td>5 CS</td></tr>
<tr><td>  </td><td>  </td><td></td><td colspan="2">  </td></tr>
</table>

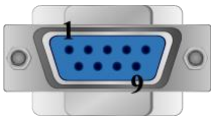
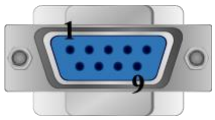
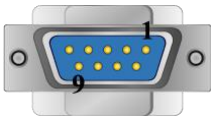
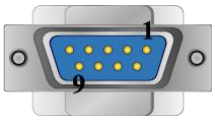
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			2 SD	
3 TX			3 RD	
5 GND			9 GND	
			4 RS	circuit
			5 CS	
				

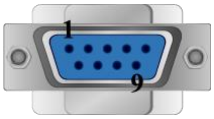
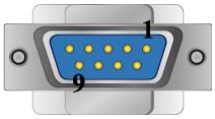
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			2 SD	
3 TX			3 RD	
5 GND			9 GND	
			4 RS	circuit
			5 CS	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male	
2 RX	6 RX	8 RX	2 SD	
3 TX	4 TX	7 TX	3 RD	
5 GND	5 GND	5 GND	9 GND	
			4 RS	circuit
			5 CS	
				

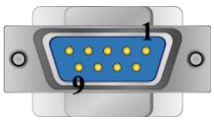
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
9 RX			2 SD	
6 TX			3 RD	
5 GND			9 GND	
			4 RS 5 CS	circuit
				

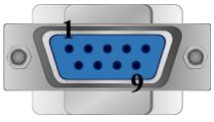
以下图表示从连接线的焊接端所视.

CP1H/CP1L CP1W-CIF11 RS485 4W : 9P D-Sub to Termainals:

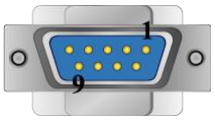
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			CP1W-CIF11 RS485 4W Terminal
1 RX-			SDA
2 RX+			SDB
3 TX-			RDA
4 TX+			RDB
5 GND			FG
			

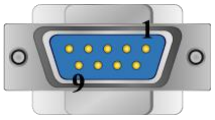
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			CP1W-CIF11 RS485 4W Terminal
7 RX-			SDA
6 RX+			SDB
9 TX-			RDA
8 TX+			RDB
5 GND			FG
			

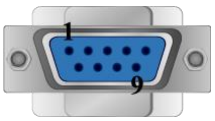
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			CP1W-CIF11 RS485 4W Terminal
1 RX-			SDA
2 RX+			SDB
3 TX-			RDA
4 TX+			RDB
5 GND			FG
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			CP1W-CIF11 RS485 4W Terminal
1 RX-			SDA
2 RX+			SDB
3 TX-			RDA
4 TX+			RDB
5 GND			FG
			

MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			CP1W-CIF11 RS485 4W Terminal
1 RX-			SDA
2 RX+			SDB
3 TX-			RDA
4 TX+			RDB
5 GND			FG
			

CP1W-CIF11: SW1 ON, others OFF.

驱动版本:

版本	日期	叙述
V1.90	Feb/01/2011	新增 LR, LR_Bit 地址类型
V2.00	Dec/05/2012	新增 EM_Bit 地址类型

OMRON CJ/CS/CP (Ethernet - FINS/TCP)

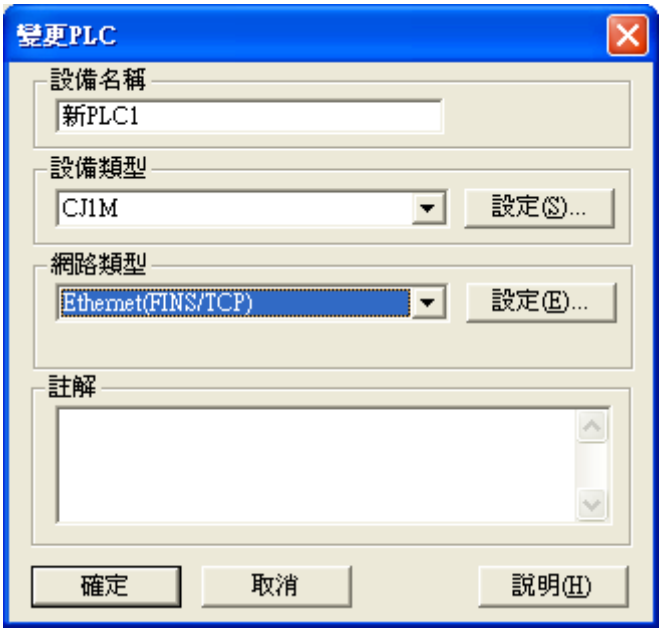
支持系列: OMRON CJ 系列, CS 系列, CP 系列 + 网络模块 (Ethernet FINS)
网站: http://oeiweb.omron.com/oei/Products-PLC.htm
*初始时会将 PLC RUN MODE 转成 MONITOR MODE

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	OMRON CJ/CS/CP (Ethernet - FINS/TCP)		
PLC 界面	Ethernet		
端口	9600		
PLC 站号	0		

PLC 设定:

通讯模式	Ethernet (FINS/TCP) 协议



设备类型:

字符/位	设备类型	格式	范围	注释
B	CIO_Bit	DDDDDdd	0 ~ 3276715	Channel I/O (CIO)
B	W_Bit	DDDDDdd	0 ~ 3276715	Work Area (WR)
B	H_Bit	DDDDDdd	0 ~ 3276715	Holding Area (HR)
B	A_Bit	DDDDDdd	0 ~ 3276715	Auxiliary Relay (AR) (Read only)
B	D_Bit	DDDDDdd	0 ~ 3276715	Data Memory (DM)
B	T_Bit	DDDDDdd	0 ~ 3276715	Timer (TIM)
B	C_Bit	DDDDDdd	0 ~ 3276715	Counter (CNT)
B	C_Flag	DDDD	0 ~ 4095	
B	T_Flag	DDD	0 ~ 4095	
B	EM0_Bit ~ EMC_Bit	DDDDDdd	0 ~ 3276715	Extend Memory
W	CIO	DDDDD	0 ~ 32767	Channel I/O (CIO)
W	W	DDDDD	0 ~ 32767	Work Area (WR)
W	H	DDDDD	0 ~ 32767	Holding Area (HR)
W	A	DDDDD	0 ~ 32767	Auxiliary Relay (AR) (Read only)
W	C	DDDDD	0 ~ 32767	Counter (CNT)
W	T	DDDDD	0 ~ 32767	Timer (TIM)
W	D	DDDDD	0 ~ 32767	Data Memory (DM)
W	EM0 ~ EMC	DDDDD	0 ~ 32767	Extend Memory

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.80	Dec/05/2012	新增 EM_Bit 地址类型

OMRON E5CN/E5EZ/E5ZN

支持系列: OMRON E5CN series temperature controller with communication 选项. E5EN/CN/GN/EZ/ZN series.

网站: http://oeiweb.omron.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	OMRON E5CN		
PLC 界面	RS485 2W		
传输速率	9600	9600/19200/38400/ 57600/115200	
校验	Even	Even, Odd, None	
数据位	7	7,8	
停止位	2	1,2	
PLC 站号	0	0-99	

在线仿真	YES	广播命令	YES
扩展模式	YES		

*于穿透模式下可同时支持 HMI 与 PLC 间的通讯

*于穿透模式下可设定 LW-9903 为 2 来增进上传/下载 PLC 程序的速度

设备类型:

字符/位	设备类型	格式	范围	注释
B	Status_CH1	DD	0 ~ 31	Page40
B	Status_CH2	DD	0 ~ 31	
DW	C0	HHHH	0 ~ 270f	Read only (Hex) Page34
DW	C1	HHHH	0 ~ 270f	Read/Write (Hex) Page35
DW	C2	HHHH	0 ~ 270f	Read/Write (Hex) Page35
DW	C3	HHHH	0 ~ 270f	Read/Write (Hex) Page36
W	Code00_00	H	0	Communications writing OFF (disabled)
W	Code00_01	H	0	Communications writing ON(enabled)
W	Code01_00	H	0	Run
W	Code01_01	H	0	Stop
W	Code02_00	H	0	Multi-SP Set point 0

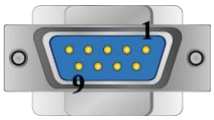
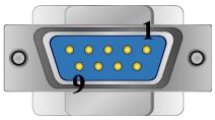
字符/位	设备类型	格式	范围	注释
W	Code02_01	H	0	Multi-SP Set point 1
W	Code02_02	H	0	Multi-SP Set point 2
W	Code02_03	H	0	Multi-SP Set point 3
W	Code03_00	H	0	AT cancel
W	Code03_01	H	0	AT execute
W	Code04_00	H	0	Write mode (Backup)
W	Code04_01	H	0	Write mode (Ram)
W	Code05_00	H	0	Save RAM data
W	Code06_00	H	0	Software reset
W	Code07_00	H	0	Move to setup area 1
W	Code08_00	H	0	Move to protect level
W	Code01_10	H	0	
W	Code01_11	H	0	
W	Code01_F0	H	0	
W	Code01_F1	H	0	
W	Code02_10	H	0	
W	Code02_11	H	0	
W	Code02_F0	H	0	
W	Code02_F1	H	0	
W	Code03_10	H	0	
W	Code03_11	H	0	
W	Code03_F0	H	0	
W	Code03_F1	H	0	
W	Code09_00	H	0	
W	Code09_01	H	0	
W	Code09_10	H	0	
W	Code09_11	H	0	
W	Code09_F0	H	0	
W	Code09_F1	H	0	
W	Code0A_00	H	0	
W	Code0B_00	H	0	
W	Code0C_00	H	0	
W	Code0C_01	H	0	
W	Code0C_02	H	0	
W	Code0C_0F	H	0	
W	Code0C_10	H	0	
W	Code0C_11	H	0	

字符/位	设备类型	格式	范围	注释
W	Code0C_12	H	0	
W	Code0C_1F	H	0	
W	Code0C_F0	H	0	
W	Code0C_F1	H	0	
W	Code0C_F2	H	0	
W	Code0C_FF	H	0	

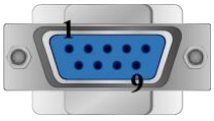
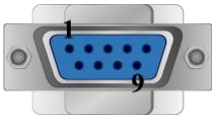
接线图:

以下图表示从连接线的焊接端所视.

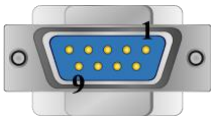
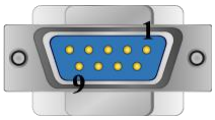
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		OMRON E5CN Terminal
1 RX-	6 Data-		12 B
2 RX+	9 Data+		11 A
5 GND	5 GND		GND
			

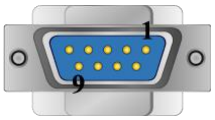
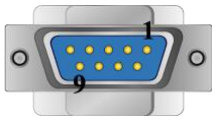
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		OMRON E5CN Terminal
7 RX-	4 Data-		12 B
6 RX+	1 Data+		11 A
5 GND	5 GND		GND
			

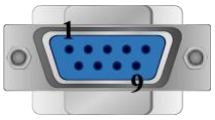
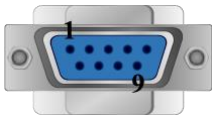
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		OMRON E5CN Terminal
1 RX-	7 Data-		12 B
2 RX+	8 Data+		11 A
5 GND	9 GND		GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		OMRON E5CN Terminal
1 RX-	6 Data-		12 B
2 RX+	9 Data+		11 A
5 GND	5 GND		GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		OMRON E5CN Terminal
1 RX-	7 Data-		12 B
2 RX+	8 Data+		11 A
5 GND	5 GND		GND
			

Note:

若要与 OMRON E5EZ 通讯，请将端口相关内容设定为 9600, E, 7, 2, 站号设为 1。

驱动版本:

版本	日期	叙述
V1.21	Dec/21/2010	

OMRON Ethernet

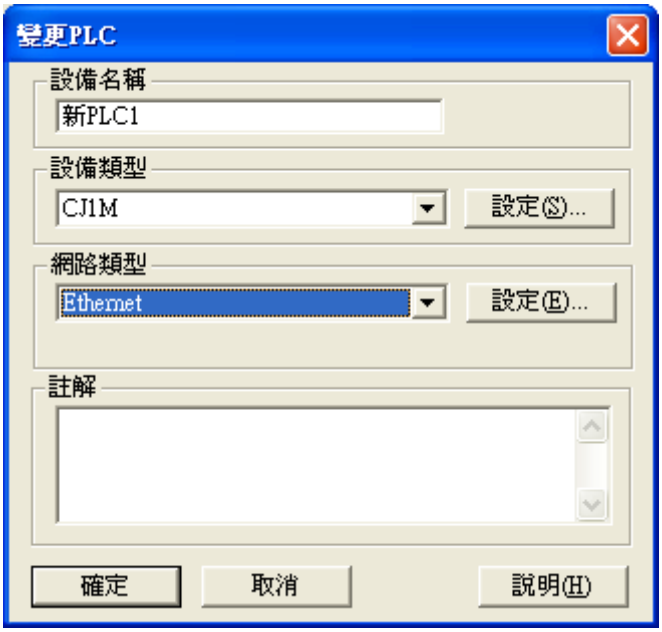
支持系列: OMRON CJ 系列, CS 系列, CP 系列 + 网络模块 (Ethernet FINS)
网站: http://oeiweb.omron.com/oei/Products-PLC.htm
*初始时会将 PLC RUN MODE 转成 MONITOR MODE

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	OMRON Ethernet		
PLC 界面	Ethernet (UDP)		
端口	9600		
PLC 站号	0		

PLC 设定:

通讯模式	Ethernet (UDP) 协议



设备类型:

字符/位	设备类型	格式	范围	注释
B	CIO_Bit	DDDDDdd	0 ~ 3276715	Channel I/O (CIO)
B	W_Bit	DDDDDdd	0 ~ 3276715	Work Area (WR)
B	H_Bit	DDDDDdd	0 ~ 3276715	Holding Area (HR)
B	A_Bit	DDDDDdd	0 ~ 3276715	Auxiliary Relay (AR) (Read only)
B	D_Bit	DDDDDdd	0 ~ 3276715	Data Memory (DM)
B	T_Bit	DDDDDdd	0 ~ 3276715	Timer (TIM)
B	C_Bit	DDDDDdd	0 ~ 3276715	Counter (CNT)
B	C_Flag	DDDD	0 ~ 4095	
B	T_Flag	DDD	0 ~ 4095	
W	CIO	DDDDD	0 ~ 32767	Channel I/O (CIO)
W	W	DDDDD	0 ~ 32767	Work Area (WR)
W	H	DDDDD	0 ~ 32767	Holding Area (HR)
W	A	DDDDD	0 ~ 32767	Auxiliary Relay (AR) (Read only)
W	C	DDDDD	0 ~ 32767	Counter (CNT)
W	T	DDDDD	0 ~ 32767	Timer (TIM)
W	D	DDDDD	0 ~ 32767	Data Memory (DM)
W	EM0 ~ EMC	DDDDD	0 ~ 32767	Extend Memory

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.00	Oct/4/2012	发布驱动程序.

OMRON Ethernet (FINS/TCP)

支持系列: 非 OMRON PLC. (Ethernet FINS)

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	OMRON Ethernet (FINS/TCP)		
PLC 界面	Ethernet		
端口	9600		
PLC 站号	0		

PLC 设定:

通讯模式	FINS Ethernet protocol

设备类型:

字符/位	设备类型	格式	范围	注释
B	CIO_Bit	DDDDDdd	0 ~ 3276715	Channel I/O (CIO)
B	W_Bit	DDDDDdd	0 ~ 3276715	Work Area (WR)
B	H_Bit	DDDDDdd	0 ~ 3276715	Holding Area (HR)
B	A_Bit	DDDDDdd	0 ~ 3276715	Auxiliary Relay (AR) (Read only)
B	D_Bit	DDDDDdd	0 ~ 3276715	Data Memory (DM)
B	T_Bit	DDDDDdd	0 ~ 3276715	Timer (TIM)
B	C_Bit	DDDDDdd	0 ~ 3276715	Counter (CNT)
B	C_Flag	DDDD	0 ~ 4095	
B	T_Flag	DDDD	0 ~ 4095	
W	CIO	DDDDD	0 ~ 32767	Channel I/O (CIO)
W	W	DDDDD	0 ~ 32767	Work Area (WR)
W	H	DDDDD	0 ~ 32767	Holding Area (HR)
W	A	DDDDD	0 ~ 32767	Auxiliary Relay (AR) (Read only)
W	C	DDDDD	0 ~ 32767	Counter (CNT)
W	T	DDDDD	0 ~ 32767	Timer (TIM)
W	D	DDDDD	0 ~ 32767	Data Memory (DM)
W	EM0 ~ EMC	DDDDD	0 ~ 32767	Extend Memory

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.00	May/26/2011	发布驱动程序.

OMRON EtherNet/IP (NJ Series)

支持系列: OMRON EtherNet/IP NJ 系列 PLC
网站: http://oeiweb.omron.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	OMRON EtherNet/IP (NJ Series)		
PLC 界面	Ethernet		
PLC 站号	44818		
端口	1		

在线仿真	Yes	多台 HMI 连接	Yes

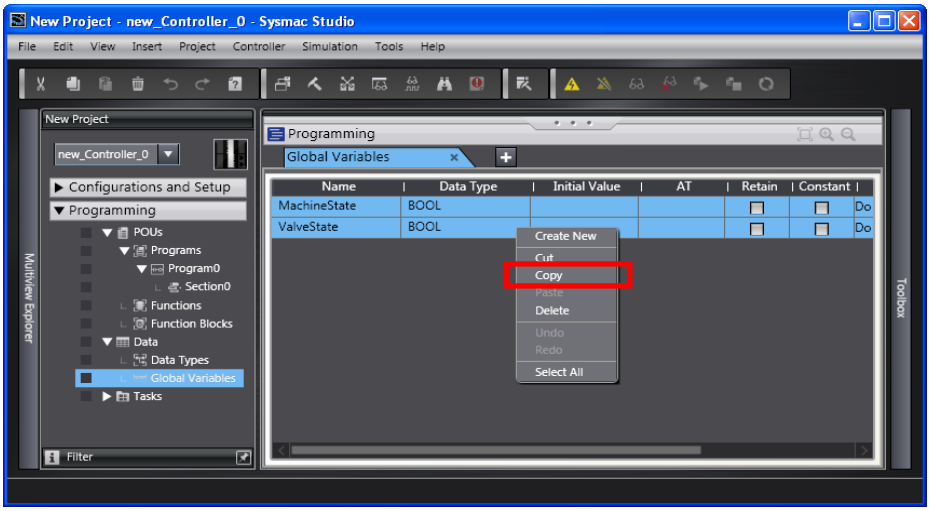
使用说明:

注意:

1. Tag 中有使用到 Struct 数据型态，则需在 Tag Editor 的 Struct-Defined 先加入对应的数据型态。
2. 需在 Sysmac Studio 中设置 Tag 的 Network Publish 为 Publish Only 才能正常读取 Tag

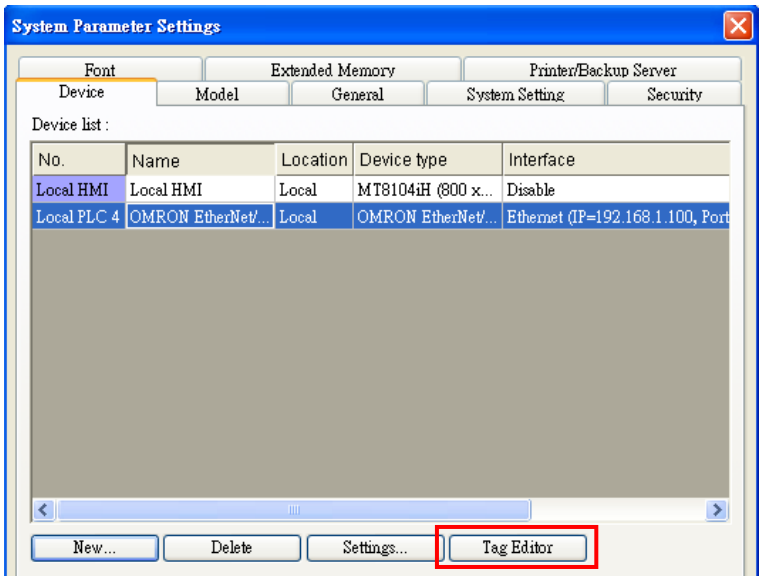
由 Sysmac Studio 直接贴上 Tag

1 开启 Sysmac Studio，选取项目中的 Global Variables 并按下 **Ctrl-C** 或点击鼠标右键选单选择**复制**

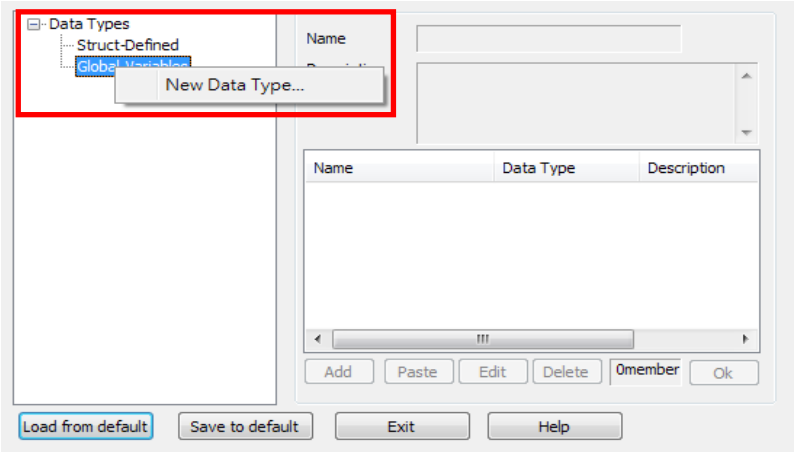


2 开启 EasyBuilder，在系统参数设定中加入 **Omron EtherNet/IP (NJ series)**

3 点击 **Tag Editor**

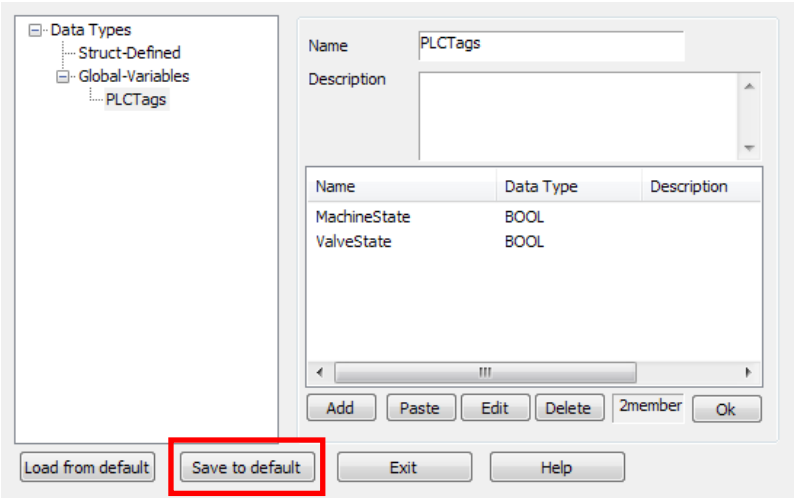


4 在 Global-Variables 上点击鼠标右键，选择 **New Data Type**，并在 Name 填入 **PLCTags**



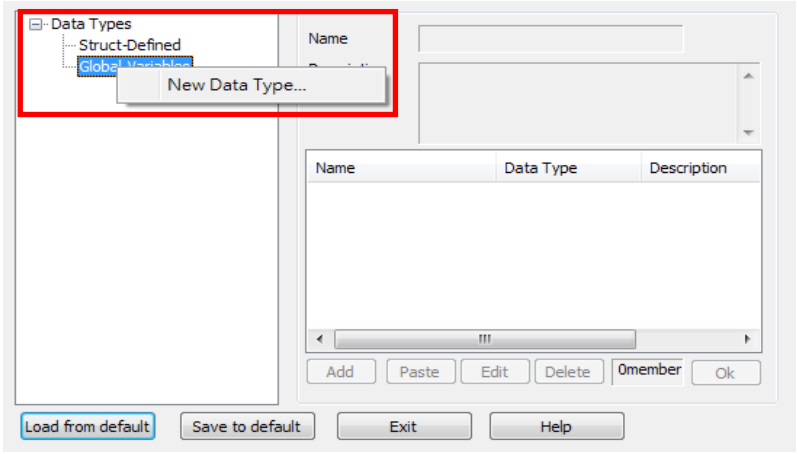
5 点选对话窗 **Paste** 并按下 **Ctrl-V** 或在鼠标右键选单选择**贴上**后，点击 **Ok** 储存设定。

6 点击对话窗的 **Save to default** 储存



手动编辑 Tag

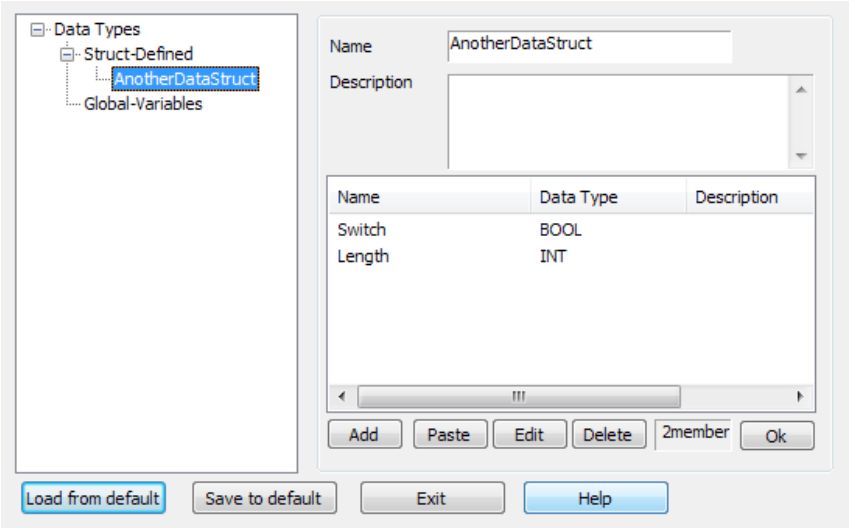
1. 系统参数设定中加入 **Omron EtherNet/IP (NJ series)**
2. 点击 **Tag Editor**
3. 在 Global-Variables 上点击鼠标右键，选择 **New Data Type**，并在 Name 填入 **PLCTags**



4. 点选 **Add** 手动加入各个 Tag 后，点击 **Ok**
5. 点击 **Save to default** 储存

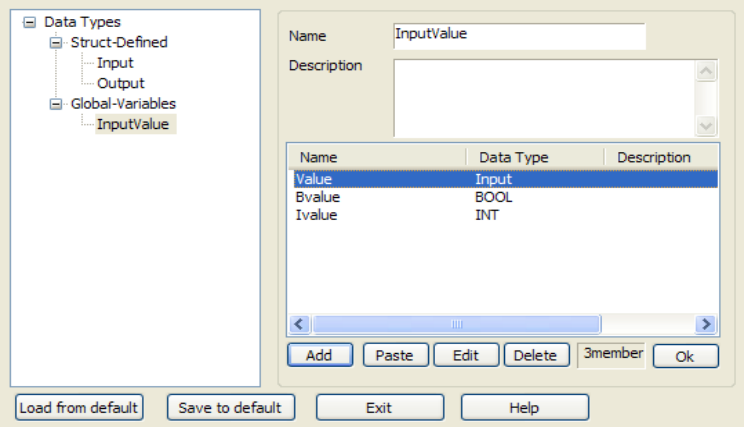
使用 Struct-Defined 结构

1. 先在 Struct-Defined 建立一个为 AnotherDataStruct，数据成员为 Switch、Length，如下图：



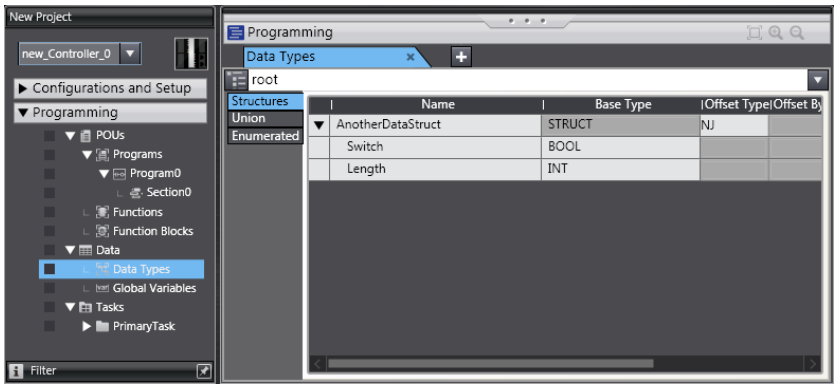
可使用手动或使用 Paste 加入各个 Member 后，点击 **Ok**。

2 于 Global Variables 下的 Tag 建立一个 Member，名称可自行定义(图中定义为 Value)，Data Type 部分输入 Input，即可使用此卷标数据结构，输入完成后，执行 Save to default 完成。

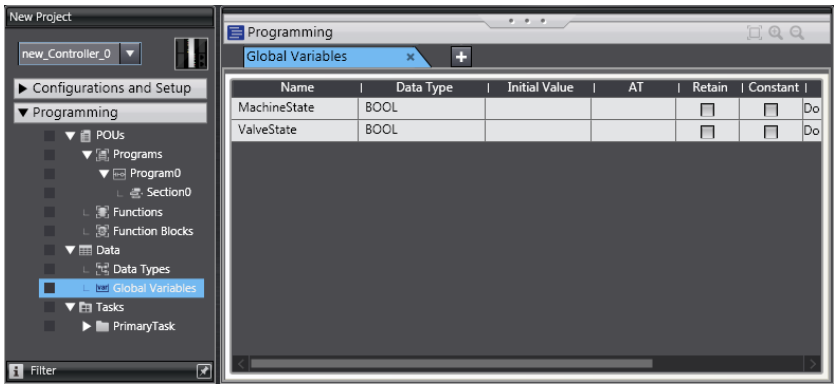


Tag Editor 详细说明

- 地址数据分成 Struct-Defined 与 Global-Variables。
  Struct-Defined 定义 Global-Variables 使用到的 Struct 结构，定义在 Sysmac Studio 的 Programming – Data – Data Types – Structures 中，如下图：



  Global-Variables 对映到 Omron Sysmac Studio 中 Programming – Data – Global Variables，如下图：



- 支援 BOOL，SINT，BYTE，USINT，INT，WORD，UINT，DINT，REAL，UDINT 和 DWORD 等数据型态，各数据型态皆支持一维数组。

支持设备类型:

S7-1200 数据类型	EasyBuilder 数据格式	注释
Bool	bit	
Byte	16-bit BCD, Hex, Binary, Unsigned	8-bit
SInt	16-bit BCD, Hex, Binary, Signed	8-bit
USInt	16-bit BCD, Hex, Binary, Unsigned	8-bit
Word	16-bit BCD, Hex, Binary, Unsigned	16-bit
Int	16-bit BCD, Hex, Binary, Signed	16-bit
UInt	16-bit BCD, Hex, Binary, Unsigned	16-bit
DWord	32-bit BCD, Hex, Binary, Unsigned	32-bit
DInt	32-bit BCD, Hex, Binary, Signed	32-bit
Real	32-bit Float	32-bit
UDInt	32-bit BCD, Hex, Binary, Unsigned	32-bit
Array	Word array for ASCII input and ASCII display	Length=word

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.00	Dec/14/2012	发布驱动程序.

OMRON Host Link

支持系列: OMRON C, CPM, CPL, CQM Series (Host Link Protocol)
网站: http://oeiweb.omron.com/oei/Products-PLC.htm

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	OMRON Host Link		
PLC 界面	RS232	RS232, RS422, RS485	
传输速率	9600	9600, 19200	
校验	Even	Even, Odd, None	
数据位	7	7 or 8	
停止位	2	1 or 2	
PLC 站号	0	0-31	Host Link Station No.

在线仿真	YES	广播命令	YES
扩展模式	YES		

PLC 设定:

通讯模式	Host Link protocol

设备类型:

字符/位	设备类型	格式	范围	注释
B	IR	DDDDdd	0 ~ 409515	I/O and internal Relay
B	HR	DDDDdd	0 ~ 409515	Hold Relay
B	LR	DDDDdd	0 ~ 409515	Link Relay
B	IR (Force Set/Reset)	DDDDdd	0 ~ 409515	
B	HR(Force Set/Reset)	DDDDdd	0 ~ 409515	
B	LR(Force Set/Reset)	DDDDdd	0 ~ 409515	
B	AR	DDDDdd	0 ~ 409515	Auxiliary Relay
W	AR_W	DDDD	0 ~ 4095	
W	IR_W	DDDD	0 ~ 4095	
W	HR_W	DDDD	0 ~ 4095	
W	LR_W	DDDD	0 ~ 4095	
W	TC	DDD	0 ~ 255	
W	DM	DDDD	0 ~ 9999	Data register

接线图:

以下图表示从连接线的焊接端所视.

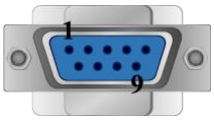
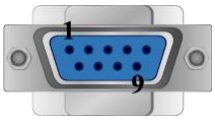
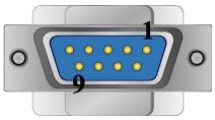
CPU Port (CPM2A,CQM1/1H,C200H/HS/ALPHA series)

Communication Module:

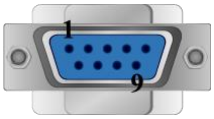
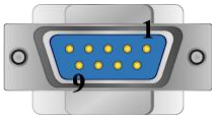
CPM1-CIF01 adapter (for CPM1/CPM1A/CPM2A series, CQM1/CQM1H series)

CPM1H-SCB41 communication module (for CQM1H-CPU51/61)

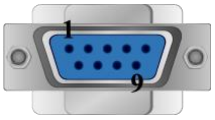
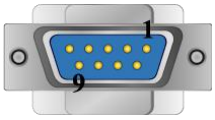
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male	
2 RX	8 RX		2 SD	
3 TX	7 TX		3 RD	
5 GND	5 GND		9 GND	
			4 RS	circuit
			5 CS	
				

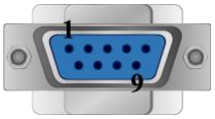
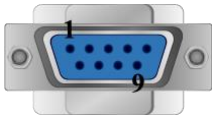
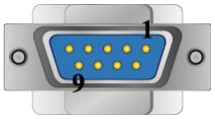
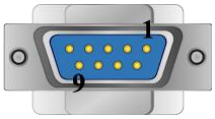
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			2 SD	
3 TX			3 RD	
5 GND			9 GND	
			4 RS	circuit
			5 CS	
				

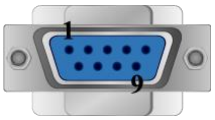
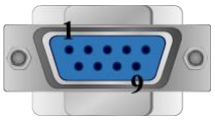
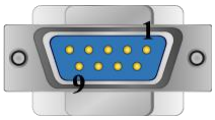
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			2 SD	
3 TX			3 RD	
5 GND			9 GND	
			4 RS	circuit
			5 CS	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male	
2 RX	6 RX	8 RX	2 SD	
3 TX	4 TX	7 TX	3 RD	
5 GND	5 GND	5 GND	9 GND	
			4 RS	circuit
			5 CS	
				

MT6050i/MT8050i

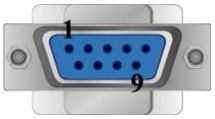
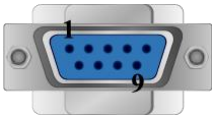
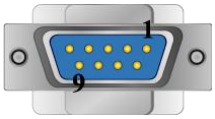
COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
9 RX			2 SD	
6 TX			3 RD	
5 GND			9 GND	
			4 RS	circuit
			5 CS	
				

以下图表示从连接线的焊接端所视.

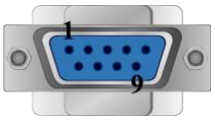
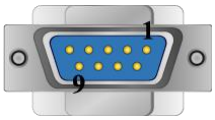
C200h-LK201,3G2A6-LK201 communication module

C200HW-COM02/03/04/05/06 communication module

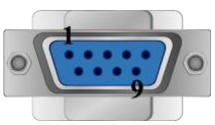
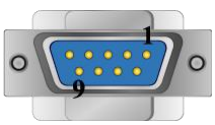
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male	
2 RX	8 RX		2 SD	
3 TX	7 TX		3 RD	
5 GND	5 GND		7 GND	
			4 RS	circuit
			5 CS	
				

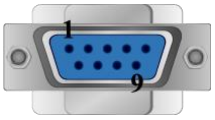
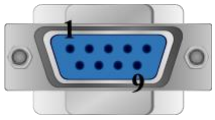
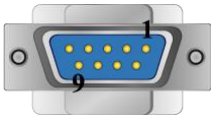
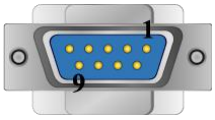
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			2 SD	
3 TX			3 RD	
5 GND			7 GND	
			4 RS	circuit
			5 CS	
				

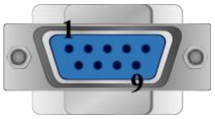
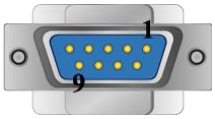
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			2 SD	
3 TX			3 RD	
5 GND			7 GND	
			4 RS	circuit
			5 CS	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male	
2 RX	6 RX	8 RX	2 SD	
3 TX	4 TX	7 TX	3 RD	
5 GND	5 GND	5 GND	7 GND	
			4 RS	circuit
			5 CS	
				

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
9 RX			2 SD	
6 TX			3 RD	
5 GND			7 GND	
			4 RS	circuit
			5 CS	
				

驱动版本:

版本	日期	叙述
V1.30	OCT/21/2010	

OuHua OHJX

网站: http://www.ohjx.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	OuHua OHJX		
PLC 界面	RS-232		
传输速率	9600	9600,19200	
数据位	8		
校验	Odd		
停止位	1		
PLC 站号	1		

设备类型:

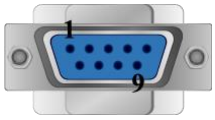
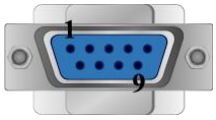
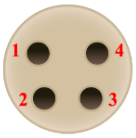
字符/位	设备类型	格式	范围	注释
B	R100	Dh	0 ~ 1f	
B	R101	Dh	0 ~ 1f	
B	R102	Dh	0 ~ 1f	
B	R103	Dh	0 ~ 1f	
B	R104	Dh	0 ~ 1f	
B	R105	Dh	0 ~ 1f	
B	R106	Dh	0 ~ 1f	
B	R107	Dh	0 ~ 1f	
B	R108	Dh	0 ~ 1f	
B	R109	Dh	0 ~ 1f	
B	R110	Dh	0 ~ 1f	
B	R210	Dh	0 ~ 1f	
B	R310	Dh	0 ~ 1f	
W	SV	DDDD	0 ~ 9999	
W	EV	DDDDD	0 ~ 65535	
W	DT	DDDDD	0 ~ 9999	
W	LD	DDDD	0 ~ 8447	
W	WX	DDDD	0 ~ 9999	
W	WY	DDDD	0 ~ 9999	

字符/位	设备类型	格式	范围	注释
W	WR	DDDD	0 ~ 9999	
W	WL	DDDD	0 ~ 9999	
W	FL	DDDDD	0 ~ 99999	

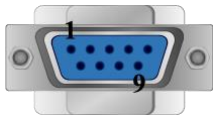
接线图:

以下图表示从连接线的焊接端所视.

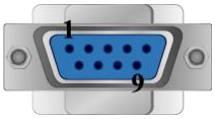
MT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		4P Mini-DIN Female socket	
2 RX	8 RX		3 TX	
3 TX	7 TX		2 RX	
5 GND	5 GND		1 GND	circuit
			4 GND	
				

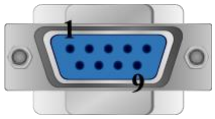
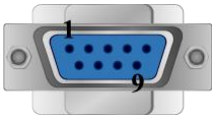
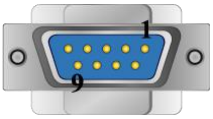
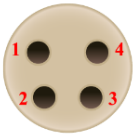
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			4P Mini-DIN Female socket	
2 RX			3 TX	
3 TX			2 RX	
5 GND			1 GND	circuit
			4 GND	
				

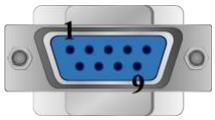
MT8000iE series

COM1 RS232 9P D-Sub Female			4P Mini-DIN Female socket	
2 RX			3 TX	
3 TX			2 RX	
5 GND			1 GND	circuit
			4 GND	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	4P Mini-DIN Female socket	
2 RX	6 RX	8 RX	3 TX	
3 TX	4 TX	7 TX	2 RX	
5 GND	5 GND	5 GND	1 GND	circuit
			4 GND	
				

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			4P Mini-DIN Female socket	
9 RX			3 TX	
6 TX			2 RX	
5 GND			1 GND	circuit
			4 GND	
				

驱动版本:

版本	日期	叙述
V1.00	Nov/22/2011	发布驱动程序

Panasonic FP

支持系列: NAIS (Matsushita) FP series 包含 FP-X, FP-Σ, FP0, FP1, FP2, FP2SH, FP10SH 以及 FP3 Ethernet 支持 FP-X with AFPX-COM5
网站:http://pewa.panasonic.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Panasonic FP		
PLC 界面	RS232	RS232/RS485	
传输速率	9600	9600, 19200, 38400, 57600, 115200	
校验	Odd	Even, Odd, None	
数据位	8	7 or 8	
停止位	1	1 or 2	
PLC 站号	1	0-255	Must match the PLC's port 设定. FP3 must set 0.

*于穿透模式下可同时支持 HMI 与 PLC 间的通讯
*于穿透模式下可设定 LW-9903 为 2 来增进上传/下载 PLC 程序的速度

设备类型:

字符/位	设备类型	格式	范围	注释
B	X	DDDDh	0 ~ 9999f	Input (X)
B	Y	DDDDh	0 ~ 9999f	Output (Y)
B	R	DDDDh	0 ~ 9999f	Internal Relay (R)
B	L	DDDD	0 ~ 9999	Link Relay (L)
B	L_Bit	DDDDh	0 ~ 9999f	
B	T	DDDD	0 ~ 9999	Timer (T)
B	C	DDDD	0 ~ 9999	Counter (C)
W	SV	DDDD	0 ~ 9999	Timer/Counter set value (SV)
W	EV	DDDDD	0 ~ 65535	Timer/Counter elapse value (EV)
W	DT	DDDDD	0 ~ 99999	Data Register (DT)
W	LD	DDDD	0 ~ 8447	Link Register (LD)
W	WX	DDDD	0 ~ 9999	Input (WX) (只读)
W	WY	DDDD	0 ~ 9999	Output (WY)
W	WR	DDDD	0 ~ 9999	Internal Relay (WR)

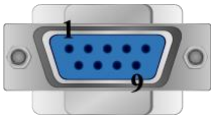
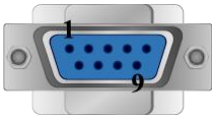
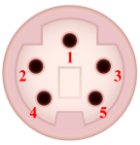
字符/位	设备类型	格式	范围	注释
W	WL	DDDD	0 ~ 9999	Link Relay (WL)
W	FL	DDDDD	0 ~ 99999	File register (FL)

接线图:

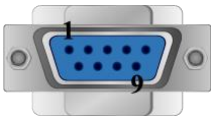
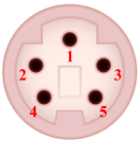
以下图表示从连接线的焊接端所视.

FP0, FP2, FP2SH, FPM CPU : 9P D-Sub to 5P Mini-DIN

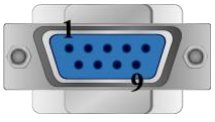
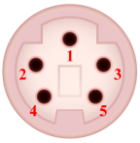
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 5P Mini-DIN Female socket
2 RX	8 RX		2 TXD
3 TX	7 TX		3 RXD
5 GND	5 GND		1 GND
			

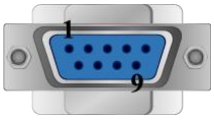
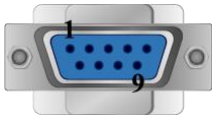
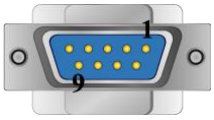
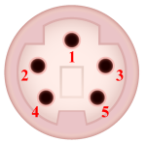
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 5P Mini-DIN Female socket
2 RX			2 TXD
3 TX			3 RXD
5 GND			1 GND
			

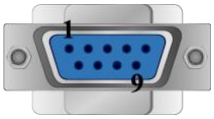
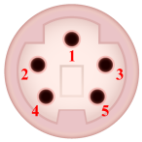
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 5P Mini-DIN Female socket
2 RX			2 TXD
3 TX			3 RXD
5 GND			1 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 5P Mini-DIN Female socket
2 RX	6 RX	8 RX	2 TXD
3 TX	4 TX	7 TX	3 RXD
5 GND	5 GND	5 GND	1 GND
			

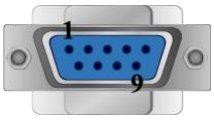
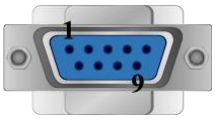
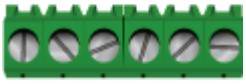
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 5P Mini-DIN Female socket
9 RX			2 TXD
6 TX			3 RXD
5 GND			1 GND
			

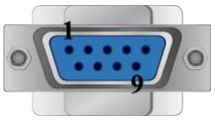
以下图表示从连接线的焊接端所视.

FP0 CPU : 9P D-Sub to 3P Terminal:

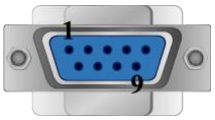
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 3P Terminal
2 RX	8 RX		S
3 TX	7 TX		R
5 GND	5 GND		G
			

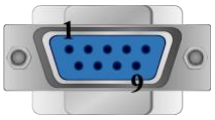
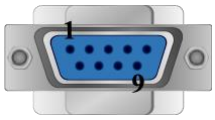
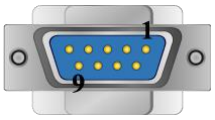
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 3P Terminal
2 RX			S
3 TX			R
5 GND			G
			

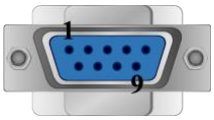
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 3P Terminal
2 RX			S
3 TX			R
5 GND			G
			

MT6000/8000 series except MT6050i/MT8050i

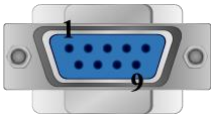
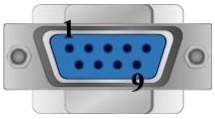
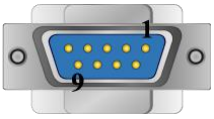
COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 3P Terminal
2 RX	6 RX	8 RX	S
3 TX	4 TX	7 TX	R
5 GND	5 GND	5 GND	G
			

MT6050i/MT8050i

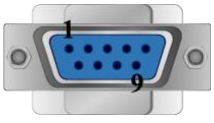
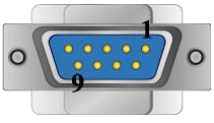
COM1 RS232 9P D-Sub Female			RS232 3P Terminal
9 RX			S
6 TX			R
5 GND			G
			

以下图表示从连接线的焊接端所视.

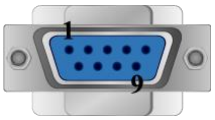
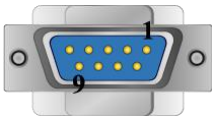
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male	
2 RX	8 RX		2 TXD	
3 TX	7 TX		3 RXD	
5 GND	5 GND		7 GND	
			4 RTS	circuit
			5 CTS	
			8 CD	circuit
			9 ER	
				

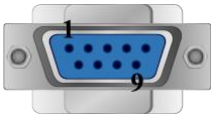
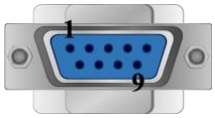
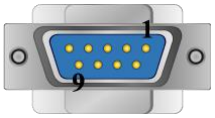
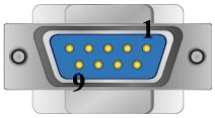
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			2 TXD	
3 TX			3 RXD	
5 GND			7 GND	
			4 RTS	circuit
			5 CTS	
			8 CD	circuit
			9 ER	
				

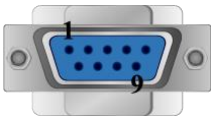
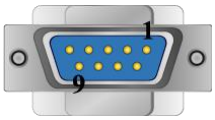
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			2 TXD	
3 TX			3 RXD	
5 GND			7 GND	
			4 RTS	circuit
			5 CTS	
			8 CD	circuit
			9 ER	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male	
2 RX	6 RX	8 RX	2 TXD	
3 TX	4 TX	7 TX	3 RXD	
5 GND	5 GND	5 GND	7 GND	
			4 RTS	circuit
			5 CTS	
			8 CD	circuit
			9 ER	
				

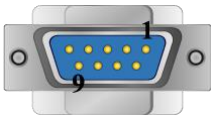
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
9 RX			2 TXD	
6 TX			3 RXD	
5 GND			7 GND	
			4 RTS	circuit
			5 CTS	
			8 CD	circuit
			9 ER	
				

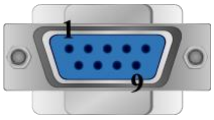
以下图表示从连接线的焊接端所视.

FP1 CPU : 9P D-Sub to 8P MiniDIN

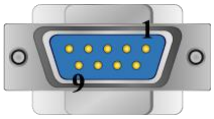
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 8P Hirose Female socket
1 RX-			2 TXDA
2 RX+			5 TXDB
3 TX-			3 RXDA
4 TX+			6 RXDB
5 GND			1 GND
			

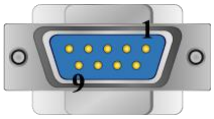
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS485 4W 8P Hirose Female socket
7 RX-			2 TXDA
6 RX+			5 TXDB
9 TX-			3 RXDA
8 TX+			6 RXDB
5 GND			1 GND
			

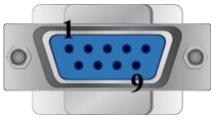
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 8P Hirose Female socket
1 RX-			2 TXDA
2 RX+			5 TXDB
3 TX-			3 RXDA
4 TX+			6 RXDB
5 GND			1 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS485 4W 8P Hirose Male
1 RX-			2 TXDA
2 RX+			5 TXDB
3 TX-			3 RXDA
4 TX+			6 RXDB
5 GND			1 GND
			

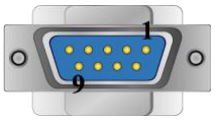
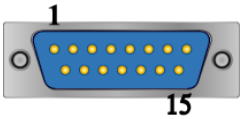
MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			RS485 4W 8P Hirose Male
1 RX-			2 TXDA
2 RX+			5 TXDB
3 TX-			3 RXDA
4 TX+			6 RXDB
5 GND			1 GND
			

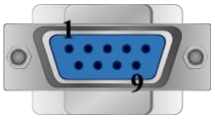
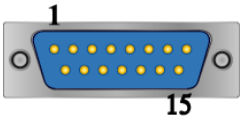
以下图表示从连接线的焊接端所视.

FP3 CPU : 9P D-Sub to 15P D-Sub

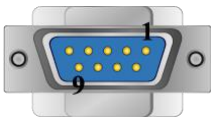
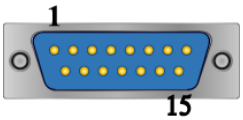
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 15P D-Sub Male	
1 RX-			9 TXDA	
2 RX+			2 TXDB	
3 TX-			10 RXDA	
4 TX+			3 RXDB	
5 GND			7 GND	
			4 RTS+	circuit
			5 CTS+	
			11 RTS-	circuit
			12 CTS-	
				

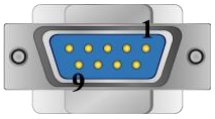
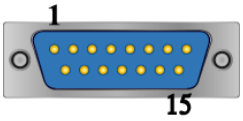
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS485 4W 15P D-Sub Male	
7 RX-			9 TXDA	
6 RX+			2 TXDB	
9 TX-			10 RXDA	
8 TX+			3 RXDB	
5 GND			7 GND	
			4 RTS+	circuit
			5 CTS+	
			11 RTS-	circuit
			12 CTS-	
				

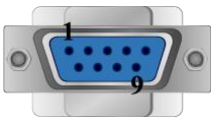
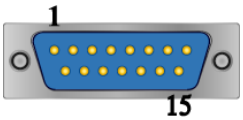
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 15P D-Sub Male	
1 RX-			9 TXDA	
2 RX+			2 TXDB	
3 TX-			10 RXDA	
4 TX+			3 RXDB	
5 GND			7 GND	
			4 RTS+	circuit
			5 CTS+	
			11 RTS-	circuit
			12 CTS-	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS485 4W 15P D-Sub Male	
1 RX-			9 TXDA	
2 RX+			2 TXDB	
3 TX-			10 RXDA	
4 TX+			3 RXDB	
5 GND			7 GND	
			4 RTS+	circuit
			5 CTS+	
			11 RTS-	circuit
			12 CTS-	
				

MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			RS485 4W 15P D-Sub Male	
1 RX-			9 TXDA	
2 RX+			2 TXDB	
3 TX-			10 RXDA	
4 TX+			3 RXDB	
5 GND			7 GND	
			4 RTS+	circuit
			5 CTS+	
			11 RTS-	circuit
			12 CTS-	
				

驱动版本:

版本	日期	叙述
V1.80	Apr/09/2010	新增 FL 设备类型

Panasonic FP (Ethernet)

支持系列: NAIS (Matsushita) FP series 包含 FP-X, FP-Σ, FP0, FP1, FP2, FP2SH, FP10SH 以及 FP3 Ethernet 支持 FP-X with AFPX-COM5

网站: http://pewa.panasonic.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Panasonic FP (Ethernet)		
PLC 界面	Ethernet		
端口	9094		
PLC 站号	1	0~255	

设备类型:

字符/位	设备类型	格式	范围	注释
B	X	DDDDh	0 ~ 9999f	Input (X)
B	Y	DDDDh	0 ~ 9999f	Output (Y)
B	R	DDDDh	0 ~ 9999f	Internal Relay (R)
B	L	DDDD	0 ~ 9999	Link Relay (L)
B	L_Bit	DDDDh	0 ~ 9999f	
B	T	DDDD	0 ~ 9999	Timer (T)
B	C	DDDD	0 ~ 9999	Counter (C)
W	SV	DDDD	0 ~ 9999	Timer/Counter set value (SV)
W	EV	DDDDD	0 ~ 65535	Timer/Counter elapse value (EV)
W	DT	DDDDD	0 ~ 99999	Data Register (DT)
W	LD	DDDD	0 ~ 8447	Link Register (LD)
W	WX	DDDD	0 ~ 9999	Input (WX) (只读)
W	WY	DDDD	0 ~ 9999	Output (WY)
W	WR	DDDD	0 ~ 9999	Internal Relay (WR)
W	WL	DDDD	0 ~ 9999	Link Relay (WL)
W	FL	DDDDD	0 ~ 99999	File register (FL)

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-

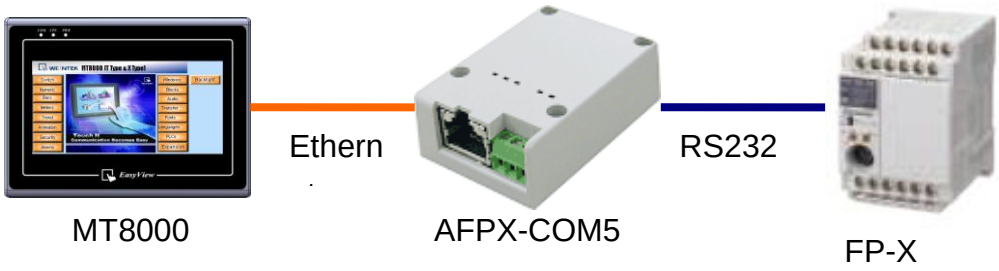


透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



Ethernet connect TCP port: 9094



驱动版本:

版本	日期	叙述
V1.80	Apr/12/2010	

Panasonic FP2 (Ethernet)

支持系列: NAIS (Matsushita) FP2 series 包含 FP2, FP2SH, 以及 FP10SH CPU.

网站: http://pewa.panasonic.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Panasonic FP2 (Ethernet)		
PLC 界面	Ethernet		
端口	8500		
PLC 站号	2	0~255	

设备类型:

字符/位	设备类型	格式	范围	注释
B	X	DDDDh	0 ~ 9999f	Input (X)
B	Y	DDDDh	0 ~ 9999f	Output (Y)
B	R	DDDDh	0 ~ 9999f	Internal Relay (R)
B	L	DDDD	0 ~ 9999	Link Relay (L)
B	L_Bit	DDDDh	0 ~ 9999f	
B	T	DDDD	0 ~ 9999	Timer (T)
B	C	DDDD	0 ~ 9999	Counter (C)
W	SV	DDDD	0 ~ 9999	Timer/Counter set value (SV)
W	EV	DDDDD	0 ~ 65535	Timer/Counter elapse value (EV)
W	DT	DDDDD	0 ~ 99999	Data Register (DT)
W	LD	DDDD	0 ~ 8447	Link Register (LD)
W	WX	DDDD	0 ~ 9999	Input (WX) (只读)
W	WY	DDDD	0 ~ 9999	Output (WY)
W	WR	DDDD	0 ~ 9999	Internal Relay (WR)
W	WL	DDDD	0 ~ 9999	Link Relay (WL)

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

驱动版本:

版本	日期	叙述
V1.00	Mar/11/2010	发布驱动程序.

Panasonic MINAS A4

支持系列: Panasonic MINAS A4 series Servo Drive.

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Panasonic MINAS A4		
PLC 界面	RS232		
Axis no.	0 (master station only)	0 ~ F(slave)	
传输速率	9600	2400 ~ 57600	
校验	None		
数据位	8		
停止位	1		

设备类型:

字符/位	设备类型	格式	范围	注释
B	Command 20	D	0 ~ 7	States (Note 3)
B	Command 27	DD	0 ~ 31	Input Signal (Note 3)
B	Command 28	DD	0 ~ 31	Output Signal (Note 3)
W	Command 01	D	0	CPU 版本 (Numeric 格式:16-bit Hex)
W	Command 05	DD	0 ~ 11	驱动版本 (ASCII / 12 words)
W	Command 06	DD	0 ~ 11	Motor 版本 (ASCII / 12 words)
W	Command 21	D	0 ~ 1	command pulse counter (Numeric 格式: 32-bit Signed)
W	Command 22	D	0 ~ 1	feedback pulse counter (Numeric 格式: 32-bit Signed)
W	Command 24	D	0	present speed (Numeric 格式: 16-bit Unsigned)
W	Command 25	D	0	present torque (Numeric 格式: 16-bit Unsigned)
W	Command 26	D	0 ~ 1	present deviation counter (Numeric 格式: 32-bit Signed)
W	Command 84	D	0	write parameter to EEPROM (Note 1)

字符/位	设备类型	格式	范围	注释
W	Command 90	D	0	present Alarm Data (Numeric 格式: 16-bit Unsigned)
W	Command 91	DD	1 ~ 14	Alarm History (Note 4) (Numeric 格式: 16-bit Unsigned)
W	Command 92	DD	1 ~ 14	Batch Alarm (Note 4) (Numeric 格式: 16-bit Unsigned)
W	Command 93	D	0	clear alarm history (include EEPROM) (Note 1)
W	Command 94	D	0	Alarm Clear (Note 1)
W	Command 9B	D	0	Absolute Clear (Note 1)
W	Parameter	HH	0 ~ 7f	Individual Parameter (范围: 0x00 ~ 0x7F) (Note 2)
W	Comm2D_S	D	0 ~ 1	Command 2D 单圈资料 (Numeric 格式: 32-bit Signed)
W	Comm2D_M	D	0 ~ 1	Command 2D 多圈资料 (Numeric 格式: 32-bit Signed)

Note:

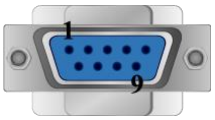
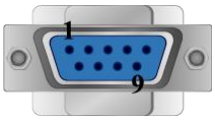
1. Command 84, Command 93, Command 94, 及 Command 9B 只能写 (这些命令可使用位设定对象并在触发该对象后执行写的命令)。除了这四个命令之外，其他命令为只读。
2. Parameter 读/写: 使用设备类型来定义地址控制，范围: 00~7F。
   例如: “address_00” 对应到 “Parameter_00”(细节请参照 Panasonic MINAS A4 series 使用手册)。
3. 设备类型可用来定义 MINAS A4 Driver 的 command 列表。
   Command 20, Command 27, 及 Command 28 是 Bit 型态，使用 “Operating range” 来对应通讯状态。
   例如: “Command 20_3” 意即 “Read state_CCW”。
   (细节请参照 Panasonic MINAS A4 series 使用手册)
4. Command 91 及 Command 92 为 Word 型态，使用 “Operating range” 来对应 14 个 alarm 的记录。
   例如: “Command 91_1” 意即 “Read alarm data_First alarm”。

接线图:

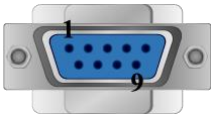
以下图表示从连接线的焊接端所视.

MINAS A4 Driver CNX4 Port

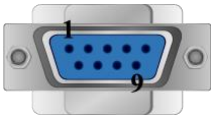
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 8P Mini-DIN Female socket
2 RX	8 RX		3 TXD
3 TX	7 TX		5 RXD
5 GND	5 GND		4 GND
			

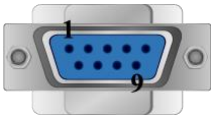
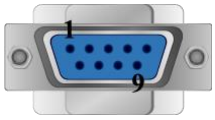
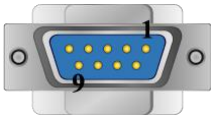
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 8P Mini-DIN Female socket
2 RX			3 TXD
3 TX			5 RXD
5 GND			4 GND
			

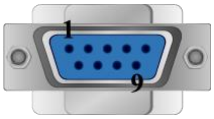
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 8P Mini-DIN Female socket
2 RX			3 TXD
3 TX			5 RXD
5 GND			4 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 8P Mini-DIN Female socket
2 RX	6 RX	8 RX	3 TXD
3 TX	4 TX	7 TX	5 RXD
5 GND	5 GND	5 GND	4 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 8P Mini-DIN Female socket
9 RX			3 TXD
6 TX			5 RXD
5 GND			4 GND
			

	MINAS A4 Driver CNX3 Port	MINAS A4 Driver CNX4 Port
		3 TX
		5 RX
	4 GND	4 GND
	7 D-	7 D-
8P Mini-Din 公頭 MINAS A4 Driver CNX3 / CNX4 Port	8 D+	8 D+

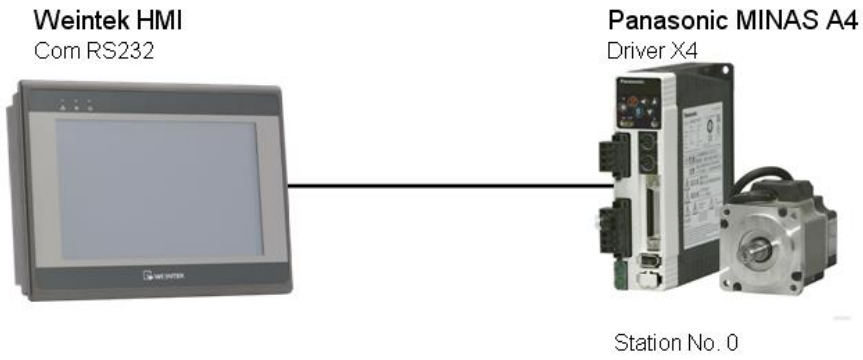
RS485 cable / DVOP1970-005

MINAS A4 Driver 8p Mini-DIN 公头		MINAS A4 Driver 8p Mini-DIN 公头
7 D-		7 D-
8 D+		8 D+
4 GND		4 GND

RS232 cable / DVOP1960

MINAS A4 Driver 9P D-SUB 母头		MINAS A4 Driver 8p Mini-DIN 公头
3 RXD		5 RXD
2 TXD		3 TXD
5 GND		4 GND

HMI 连接单一设备:



HMI 连接多个设备:



驱动版本:

版本	日期	叙述
V1.10	Jan/11/2010	
V1.20	Jul/25/2012	增加 Comm2D_S 和 Comm2D_M 缓存器

Panasonic MINAS A5

支持系列: Panasonic MINAS A5 series Servo Drive.

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Panasonic MINAS A5		
PLC 界面	RS232	RS232/RS485 2W	
Axis no.	0 (master station only)	0 ~ 127 (slave)	
传输速率	9600	2400~115200	
校验	None		
数据位	8		
停止位	1		

*串接两台以上设备时,建议需设定 time out 时间 4 秒以上,当串接设备愈多设定 Timeout 时间需拉长,以维持较好的通讯状况.

设备类型:

字符/位	设备类型	格式	范围	注释
B	Command 20	D	0 ~ 7	States (Note 3)
B	Command 27	DD	0 ~ 31	Input Signal (Note 3)
B	Command 28	DD	0 ~ 31	Output Signal (Note 3)
W	Command 01	D	0	CPU 版本 (Numeric 格式:16-bit Hex)
W	Command 05	DD	0 ~ 11	驱动版本 (ASCII / 12 words)
W	Command 06	DD	0 ~ 11	Motor 版本 (ASCII / 12 words)
W	Command 21	D	0 ~ 1	command pulse counter (Numeric 格式: 32-bit Signed)
W	Command 22	D	0 ~ 1	feedback pulse counter (Numeric 格式: 32-bit Signed)
W	Command 24	D	0	present speed (Numeric 格式: 16-bit Unsigned)
W	Command 25	D	0	present torque (Numeric 格式: 16-bit Unsigned)
W	Command 26	D	0 ~ 1	present deviation counter (Numeric 格式: 32-bit Signed)

字符/位	设备类型	格式	范围	注释
W	Command2D_S	D	0 ~ 1	Command 2D Signle turn data (Numeric format: 32-bit Signed)
W	Command2D_M	D	0 ~ 1	Command 2D Multi-turn data (Numeric format: 32-bit Signed)
W	Parameter	HHH	0 ~ 639	Individual Parameter (范围: 0x000 ~ 0x639) (Note 2)
W	Command 72	D	0	write parameter to EEPROM (Note 1)
W	Command 90	D	0	present Alarm Data (Numeric 格式: 16-bit Unsigned)
W	Command 92	DD	1 ~ 14	Batch Alarm (Note 4) (Numeric 格式: 16-bit Unsigned)
W	Command 93	D	0	clear alarm history (include EEPROM) (Note 1)
W	Command 94	D	0	Alarm Clear (Note 1)
W	Command 9B	D	0	Absolute Clear (Note 1)

Note:

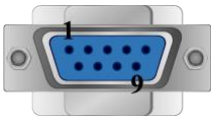
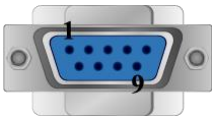
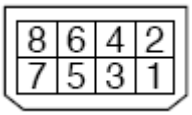
1. Command 72, Command 93, Command 94, 及 Command 9B 只能写 (这些命令可使用位设定对象并在触发该对象后执行写的命令)。除了这四个命令之外，其他命令为只读。
2. Parameter 读/写: 使用设备类型来定义地址控制，范围: 000~639。
   例如: “address_000” 对应到 “Parameter_000”(细节请参照 Panasonic MINAS A5 series 使用手册)。
3. 设备类型可用来定义 MINAS A5 Driver 的 command 列表。
   Command 20, Command 27, 及 Command 28 是 Bit 型态，使用 “Operating range” 来对应通讯状态。
   例如: “Command 20_3” 意即 “Read state_CCW”。
   (细节请参照 Panasonic MINAS A5 series 使用手册)
4. Command 92 为 Word 型态， 使用 “Operating range” 来对应 14 个 alarm 的记录。

接线图:

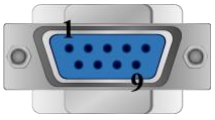
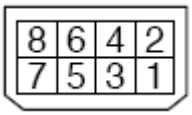
以下图表示从连接线的焊接端所视.

MINAS A5 Driver X2 Port RS232 讯号

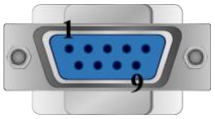
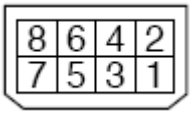
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 8P Connector
2 RX	8 RX		3 TXD
3 TX	7 TX		4 RXD
5 GND	5 GND		1 GND
			

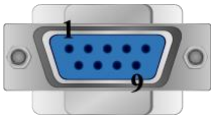
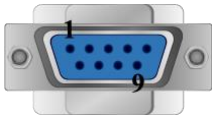
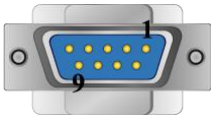
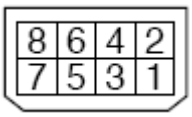
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 8P Connector
2 RX			3 TXD
3 TX			4 RXD
5 GND			1 GND
			

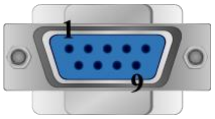
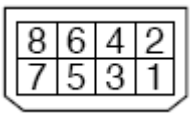
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 8P Connector
2 RX			3 TXD
3 TX			4 RXD
5 GND			1 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 8P Connector
2 RX	6 RX	8 RX	3 TXD
3 TX	4 TX	7 TX	4 RXD
5 GND	5 GND	5 GND	1 GND
			

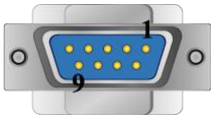
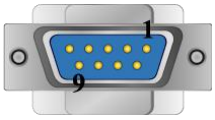
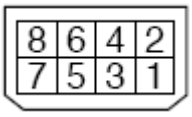
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 8P Connector
9 RX			3 TXD
6 TX			4 RXD
5 GND			1 GND
			

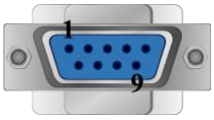
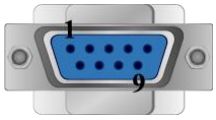
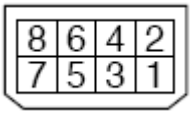
以下图表示从连接线的焊接端所视.

MINAS A4 Driver CNX3/CNX4 Port

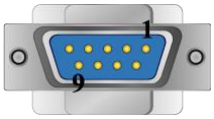
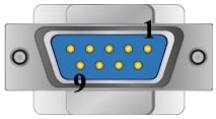
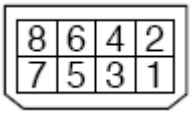
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 8P Connector
1 RX-	6 Data-		5,7 485-
2 RX+	9 Data+		6,8 485+
5 GND	5 GND		1 GND
			

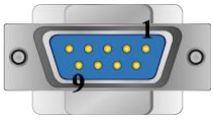
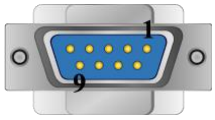
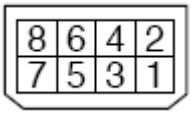
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 8P Connector
7 RX-	4 Data-		5,7 485-
6 RX+	1 Data+		6,8 485+
5 GND	5 GND		1 GND
			

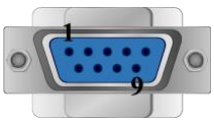
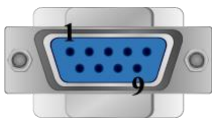
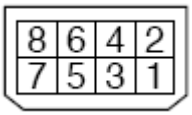
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 8P Connector
1 RX-	7 Data-		5,7 485-
2 RX+	8 Data+		6,8 485+
5 GND	9 GND		1 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 8P Connector
1 RX-	6 Data-		5,7 485-
2 RX+	9 Data+		6,8 485+
5 GND	5 GND		1 GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 8P Connector
1 RX-	7 Data-		5,7 485-
2 RX+	8 Data+		6,8 485+
5 GND	5 GND		1 GND
			

驱动版本:

版本	日期	叙述
V1.00	May/23/2012	发布驱动程序.
V1.10	Jul/13/2013	增加 Comm2D_S 和 Comm2D_M 缓存器
V1.20	Mar/10/2014	修正 RS485 无法通讯问题

Parker ACR9000

支持系列: Parker ACR9000.

网站: http://www.parkermotion.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Parker ACR9000		
PLC 界面	RS232	RS485 4W / RS232	
传输速率	38400	1200 - 38400	
校验	None	Even, Odd, None	
数据位	8	7,8	
停止位	1	1,2	
PLC 站号	0		

在线仿真	YES	扩展模式	

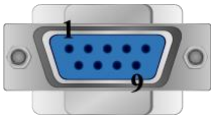
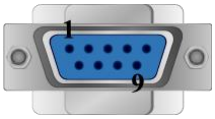
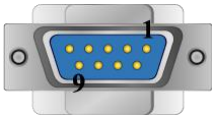
设备类型:

字符/位	设备类型	格式	范围	注释
B	P_Low16bit	DDDDDdd	0 ~ 9999915	
B	P_High16bit	DDDDDdd	0 ~ 9999915	
W	P_Int32	DDDDD	0 ~ 99999	
W	P_Float	DDDDD	0 ~ 99999	

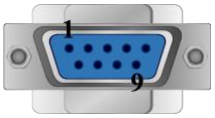
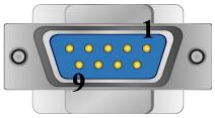
接线图:

以下图表示从连接线的焊接端所视.

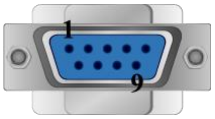
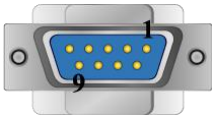
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		Parker AC9000 RS232 9P D-Sub Male
2 RX	8 RX		3 TXD
3 TX	7 TX		2 RXD
5 GND	5 GND		5 GND
			

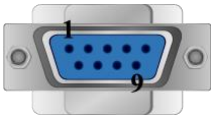
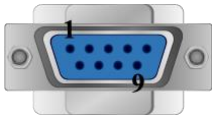
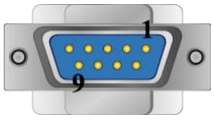
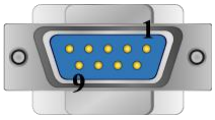
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			Parker AC9000 RS232 9P D-Sub Male
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

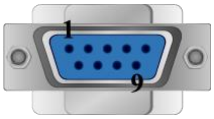
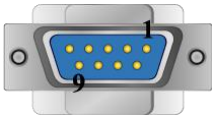
MT8000iE series

COM1 RS232 9P D-Sub Female			Parker AC9000 RS232 9P D-Sub Male
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	Parker AC9000 RS232 9P D-Sub Male
2 RX	6 RX	8 RX	3 TXD
3 TX	4 TX	7 TX	2 RXD
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			Parker AC9000 RS232 9P D-Sub Male
9 RX			3 TXD
6 TX			2 RXD
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.00	Dec/30/2008	发布驱动程序.

Parker Compax3

支持系列: Parker Compax3 Servo Drive.

网站: http://www.parker.com

HMI 设定:

RS232

参数设定	推荐	选项	注释
PLC 类型	Parker Compax3		
PLC 界面	RS232		
传输速率	115200		
校验	None	Even, Odd, None	
数据位	8	7 or 8	
停止位	1	1 or 2	
PLC 站号	0	0	Must be 0 for RS232

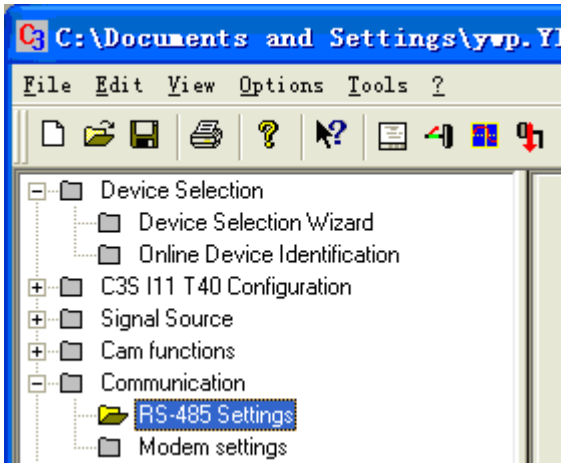
RS485

参数设定	推荐	选项	注释
PLC 类型	Parker Compax3		
PLC 界面	RS485 2W		
传输速率	9600		
校验	None	Even, Odd, None	
数据位	8	7 or 8	
停止位	1	1 or 2	
PLC 站号	1	1-99	范围 from 1 to 99 for RS485, according to the PLC's 设定.

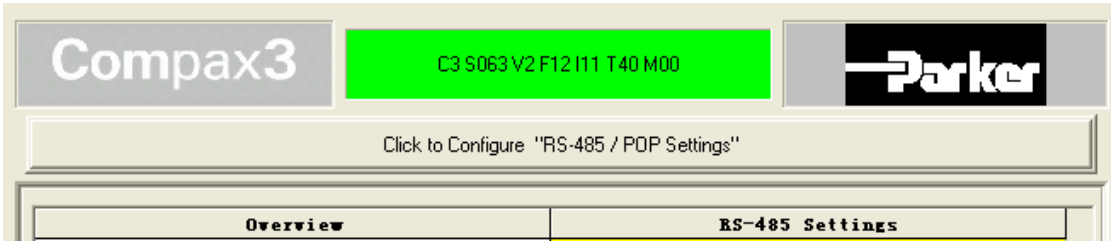
PLC 设定:

如何将 Compax 3 servo 设定为 RS485 模式?

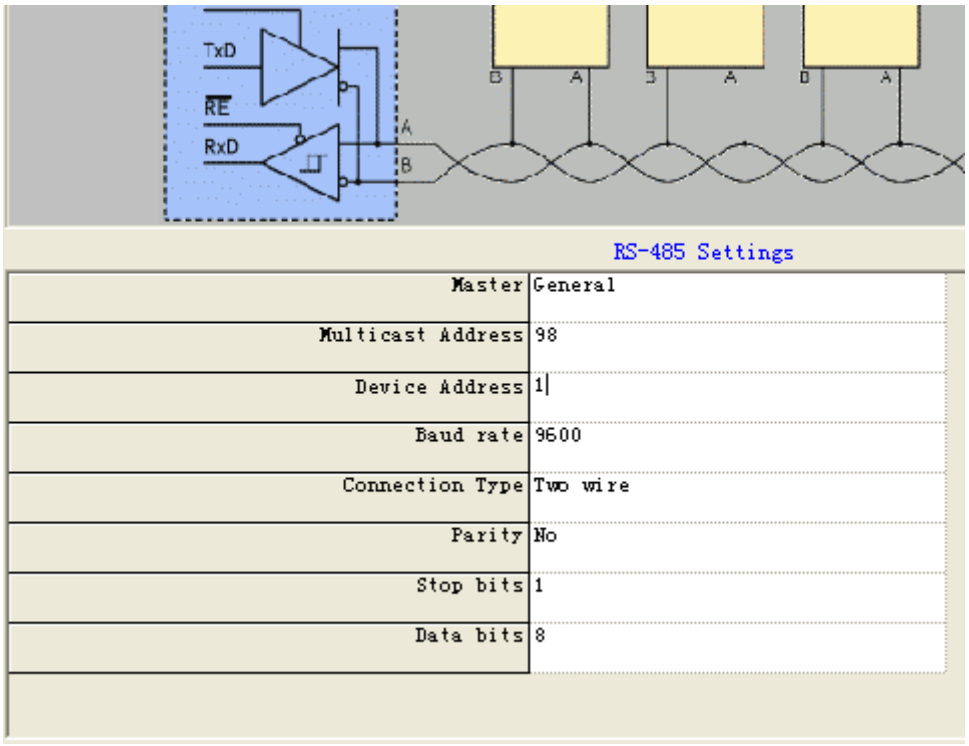
1. 开启 C3 ServoManager2, 选择 “Communication” => “RS-485 设定 s”。



2. 点击 “Click to Configure RS-485/POP 设定 s” 开始设定。



3. 请参照下列设定参数:



4. 下载设定至 Compax3 Servo

5. 设定 EasyBuilder 系统参数并连接 PLC 来与 HMI 及 Servo 通讯。

设备类型:

字符/位	设备类型	格式	范围	注释
B	R_Low16bit	DDDDDDDDh	0 ~ 99999999f	
B	R_High16bit	DDDDDDDDh	0 ~ 99999999f	
DW	Register_Int	DDDDDD	0 ~ 999999	For Register INT32, U32
DW	Register_float	DDDDDD	0 ~ 999999	For Register INT32, U32
W	Register_Short	DDDDDD	0 ~ 999999	For Register INT16, U16

操作范围是各地址类型对应的"地址"范围。(详细的操作范围请参考 PLC 说明书)

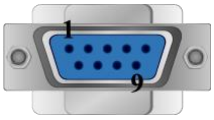
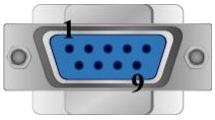
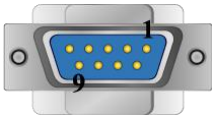
例如：如果读写的地址是：1901.2，请输入 190102
　　如果读写的地址是：400.1，请输入 40001

接线图:

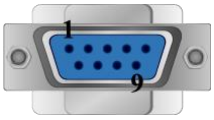
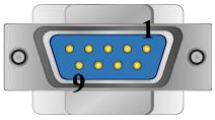
以下图表示从连接线的焊接端所视.

Parker Compax3 PLC X10 : RS232

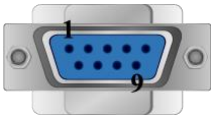
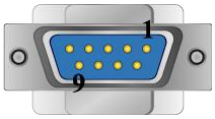
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male
2 RX	8 RX		3 TXD
3 TX	7 TX		2 RXD
5 GND	5 GND		5 GND
			

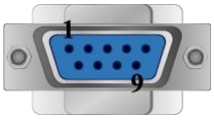
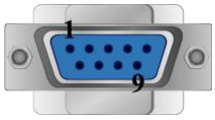
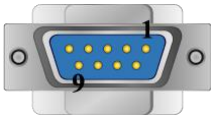
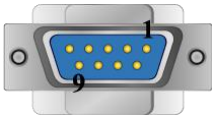
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

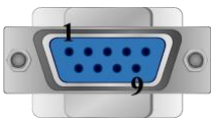
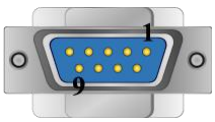
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male
2 RX	6 RX	8 RX	3 TXD
3 TX	4 TX	7 TX	2 RXD
5 GND	5 GND	5 GND	5 GND
			

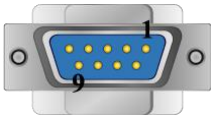
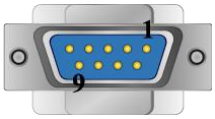
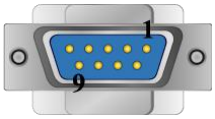
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
9 RX			3 TXD
6 TX			2 RXD
5 GND			5 GND
			

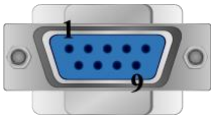
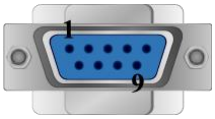
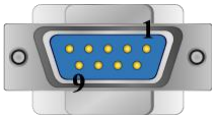
以下图表示从连接线的焊接端所视.

Parker Compax3 PLC X10 : RS485 2W

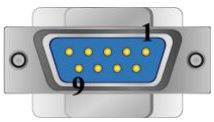
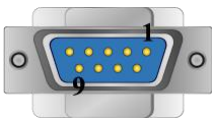
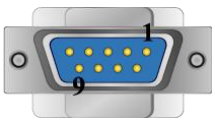
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male	
1 RX-	6 Data-		3 Data-	
2 RX+	9 Data+		7 Data+	
5 GND	5 GND		5 GND	
			1 Enable RS485	circuit
			9 +5V	
				

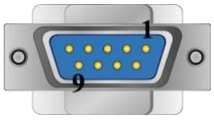
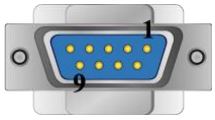
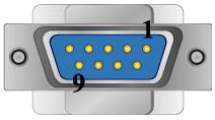
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male	
7 RX-	4 Data-		3 Data-	
6 RX+	1 Data+		7 Data+	
5 GND	5 GND		5 GND	
			1 Enable RS485	circuit
			9 +5V	
				

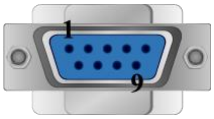
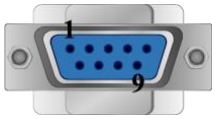
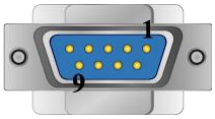
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male	
1 RX-	7 Data-		3 Data-	
2 RX+	8 Data+		7 Data+	
5 GND	9 GND		5 GND	
			1 Enable RS485	circuit
			9 +5V	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		3 Data-
2 RX+	9 Data+		7 Data+
5 GND	5 GND		5 GND
			1 Enable RS485 9 +5V circuit
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		3 Data-
2 RX+	8 Data+		7 Data+
5 GND	5 GND		5 GND
			1 Enable RS485 9 +5V circuit
			

驱动版本:

版本	日期	叙述
V1.70	Mar/30/2009	

Parker Compumotor 6K Series

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Parker Compumotor 6K Series		
PLC 界面	RS232		
传输速率	9600		
数据位	8		
校验	None		
停止位	1		
PLC 站号	0		

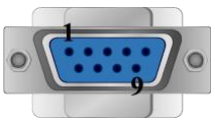
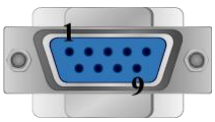
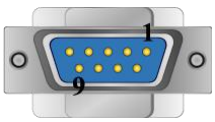
设备类型:

字符/位	设备类型	格式	范围	注释
B	VARB(L)	DDDdd	1 ~ 125	VARB 的低 16 位
B	VARB(H)	DDDdd	1 ~ 125	VARB 的高 16 位
D	RUN_PRG	D	0	
DW	VARI	DDD	1 ~ 125	
DW	VAR	DDD	1 ~ 125	必须选择单浮点数据模式

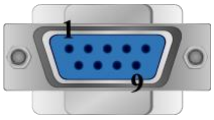
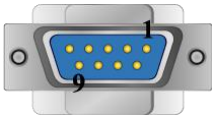
接线图:

以下图表示从连接线的焊接端所视.

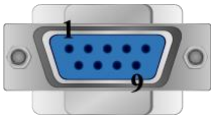
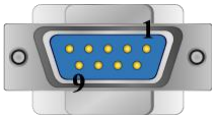
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		PLC RS232 9P D-Sub Male
2 RX	8 RX		3 TX
3 TX	7 TX		2 RX
5 GND	5 GND		5 GND
			

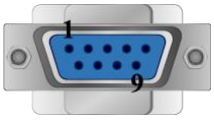
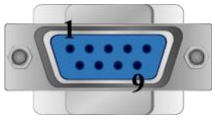
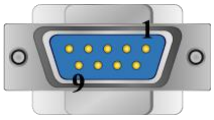
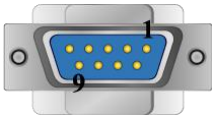
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			PLC RS232 9P D-Sub Male
2 RX			3 TX
3 TX			2 RX
5 GND			5 GND
			

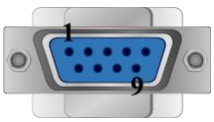
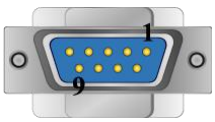
MT8000iE series

COM1 RS232 9P D-Sub Female			PLC RS232 9P D-Sub Male
2 RX			3 TX
3 TX			2 RX
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	PLC RS232 9P D-Sub Male
2 RX	6 RX	8 RX	3 TX
3 TX	4 TX	7 TX	2 RX
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			PLC RS232 9P D-Sub Male
9 RX			3 TX
6 TX			2 RX
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.00	Apr/7/2011	发布驱动程序

Parker SLVD Series

支持系列: Parker SLVD Servo, SLVD1N, SLVD2N, SLVD5N, SLVD7N, SLVD10N, SLVD15N, SLVD17N.

网站: http://www.parker.com/portal/site/PARKER/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Parker SLVD Series		
PLC 界面	RS485 4W		
传输速率	9600	9600/19200	
校验	Even	Even, Odd, None	
数据位	8	7,8	
停止位	1	1,2	
PLC 站号	0		0-31

在线仿真	YES	扩展模式	

设备类型:

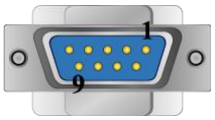
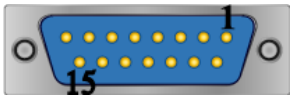
字符/位	设备类型	格式	范围	注释
B	Par_Binary	DDDDdd	0 ~ 999915	设定 bit 参数
W	Par_One_Word	DDDD	0 ~ 9999	设定 2 bytes 参数
DW	Par_Two_Word	DDDD	0 ~ 9999	设定 4 bytes 参数
W	Par_One_Byte	DDDD	0 ~ 9999	设定 1 byte 参数
W	RESET	D	0	
W	RUN	D	0	

接线图:

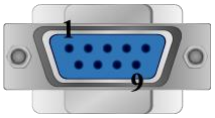
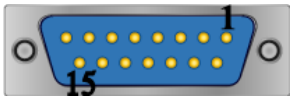
以下图表示从连接线的焊接端所视.

Parker SLVD Servo Serial Link X1

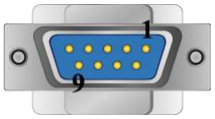
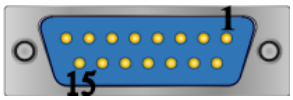
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 15P D-Sub Male	
1 RX-			7 TX-	
2 RX+			12 TX+	
3 TX-			2 RX-	
4 TX+			1 RX+	circuit
			6 TER	
5 GND			3 GND	
				

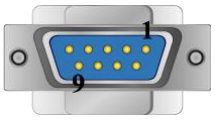
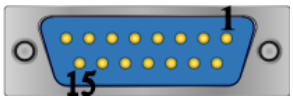
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS485 4W 15P D-Sub Male	
7 RX-			7 TX-	
6 RX+			12 TX+	
9 TX-			2 RX-	
8 TX+			1 RX+	circuit
			6 TER	
5 GND			3 GND	
				

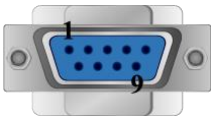
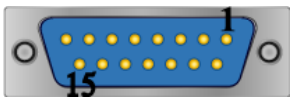
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 15P D-Sub Male	
1 RX-			7 TX-	
2 RX+			12 TX+	
3 TX-			2 RX-	
4 TX+			1 RX+	circuit
			6 TER	
5 GND			3 GND	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS485 4W 15P D-Sub Male	
1 RX-			7 TX-	
2 RX+			12 TX+	
3 TX-			2 RX-	
4 TX+			1 RX+	circuit
			6 TER	
5 GND			3 GND	
				

MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			RS485 4W 15P D-Sub Male	
1 RX-			7 TX-	
2 RX+			12 TX+	
3 TX-			2 RX-	
4 TX+			1 RX+	circuit
			6 TER	
5 GND			3 GND	
				

驱动版本:

版本	日期	叙述
V1.00	Jan/27/2010	发布驱动程序.

PATLITE VM/VMS Series

支持系列: PATLITE VM/VMS Series
网站: http://www.patlite.co.jp

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	PATLITE VM/VMS Series		
PLC 界面	RS232	RS232 / RS485 2W / RS485 4W/ Ethernet	
传输速率	38400	9600 ~ 115200	
校验	8	7 , 8	
数据位	Even	Even , Odd , None	
停止位	1	1 , 2	
PLC 站号	0	0 ~ 31	
端口	10600		

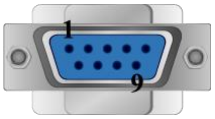
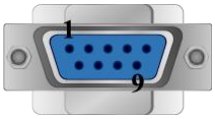
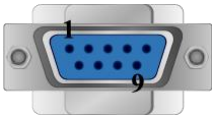
设备类型:

字符/位	设备型态	格式	范围	注释
B	LAW_bit	HHHHh	1 ~ 7FFE	h：Bit no.(0 ~ f)
W	LAW	HHHH	1 ~ 7FFE	
W	LAW6Mode	H	6	
W	LAW6Style	H	6	
W	LAW6Scale	H	6	
W	LAW6BG_c	H	6	
W	LAW6Chr_c	H	6	
W	UNI2sJIS	HHHH	1 ~ 7FFE	LAW：Unicode to shift-JIS
W	UNI2BIG5	HHHH	1 ~ 7FFE	LAW：Unicode to BIG5

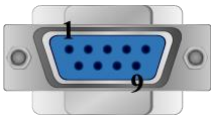
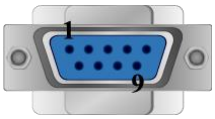
接线图:

以下图表示从连接线的焊接端所视.

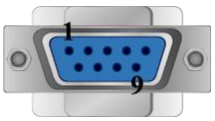
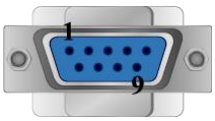
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		PLC RS232 9P D-Sub Female
2 RX	8 RX		3 TX
3 TX	7 TX		2 RX
5 GND	5 GND		5 GND
			

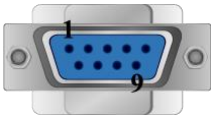
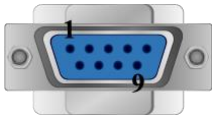
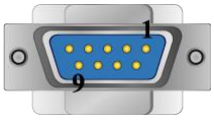
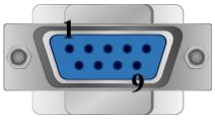
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			PLC RS232 9P D-Sub Female
2 RX			3 TX
3 TX			2 RX
5 GND			5 GND
			

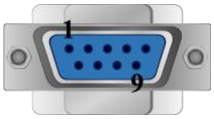
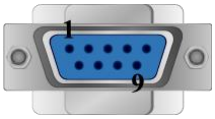
MT8000iE series

COM1 RS232 9P D-Sub Female			PLC RS232 9P D-Sub Female
2 RX			3 TX
3 TX			2 RX
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

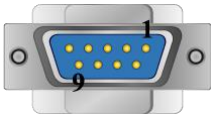
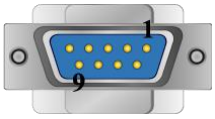
COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	PLC RS232 9P D-Sub Female
2 RX	6 RX	8 RX	3 TX
3 TX	4 TX	7 TX	2 RX
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

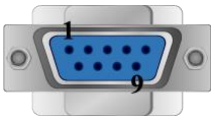
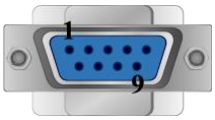
COM1 RS232 9P D-Sub Female			PLC RS232 9P D-Sub Female
9 RX			3 TX
6 TX			2 RX
5 GND			5 GND
			

以下图表示从连接线的焊接端所视.

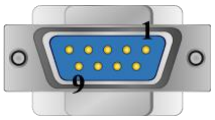
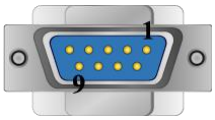
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		PLC RS485 2W Terminal
1 RX-	6 Data-		11 Data-
2 RX+	9 Data+		10 Data+
5 GND	5 GND		
			

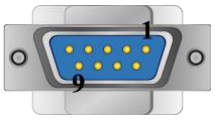
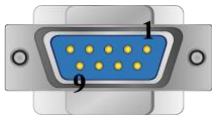
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		PLC RS485 2W Terminal
7 RX-	4 Data-		11 Data-
6 RX+	1 Data+		10 Data+
5 GND	5 GND		
			

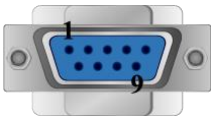
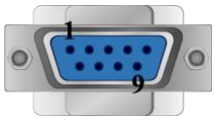
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		PLC RS485 2W Terminal
1 RX-	7 Data-		11 Data-
2 RX+	8 Data+		10 Data+
5 GND	9 GND		
			

MT6000/8000 series except MT6050i/MT8050i

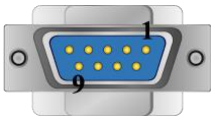
COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		PLC RS485 2W Terminal
1 RX-	6 Data-		11 Data-
2 RX+	9 Data+		10 Data+
5 GND	5 GND		
			

MT6050i/MT8050i

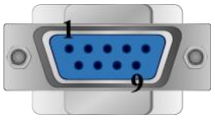
COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		PLC RS485 2W Terminal
1 RX-	7 Data-		11 Data-
2 RX+	8 Data+		10 Data+
5 GND	5 GND		
			

以下图表示从连接线的焊接端所视.

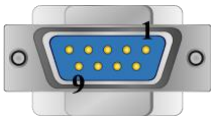
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			PLC RS485 4W Terminal
1 RX-			12 TX-
2 RX+			13 TX+
3 TX-			11 RX-
4 TX+			10 RX+
5 GND			
			

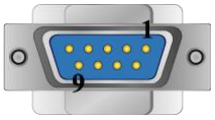
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			PLC RS485 4W Terminal
7 RX-			12 TX-
6 RX+			13 TX+
9 TX-			11 RX-
8 TX+			10 RX+
5 GND			
			

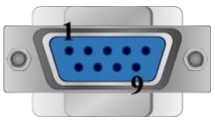
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			PLC RS485 4W Terminal
1 RX-			12 TX-
2 RX+			13 TX+
3 TX-			11 RX-
4 TX+			10 RX+
5 GND			
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			PLC RS485 4W Terminal
1 RX-			12 TX-
2 RX+			13 TX+
3 TX-			11 RX-
4 TX+			10 RX+
5 GND			
			

MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			PLC RS485 4W Terminal
1 RX-			12 TX-
2 RX+			13 TX+
3 TX-			11 RX-
4 TX+			10 RX+
5 GND			
			

Direct connect (crossover cable):

HMI RJ45 Male	Wire Color	Wire Color	PLC RJ45 Male
1 TX+	White/Orange	White/Green	3 RX+
2 TX-	Orange	Green	6 RX-
3 RX+	White/Green	White/Orange	1 TX+
4 BD4+	Blue	Blue	4 BD4+
5 BD4-	White/Blue	White/Blue	5 BD4-
6 RX-	Green	Orange	2 TX-
7 BD3+	White/Brown	White/Brown	7 BD3+
8 BD3-	Brown	Brown	8 BD3-



Through a hub:

HMI RJ45 Male	Wire Color	Wire Color	PLC RJ45 Male
1 TX+	White/Orange	White/Orange	1 TX+
2 TX-	Orange	Orange	2 TX-
3 RX+	White/Green	White/Green	3 RX+
4 BD4+	Blue	Blue	4 BD4+
5 BD4-	White/Blue	White/Blue	5 BD4-
6 RX-	Green	Green	6 RX-
7 BD3+	White/Brown	White/Brown	7 BD3+
8 BD3-	Brown	Brown	8 BD3-



驱动版本:

版本	日期	叙述
V1.00	Jan/25/2013	发布驱动程序.

Rockwell CompactLogix - Free Tag Names

网站: http://www.ab.com

HMI 设定

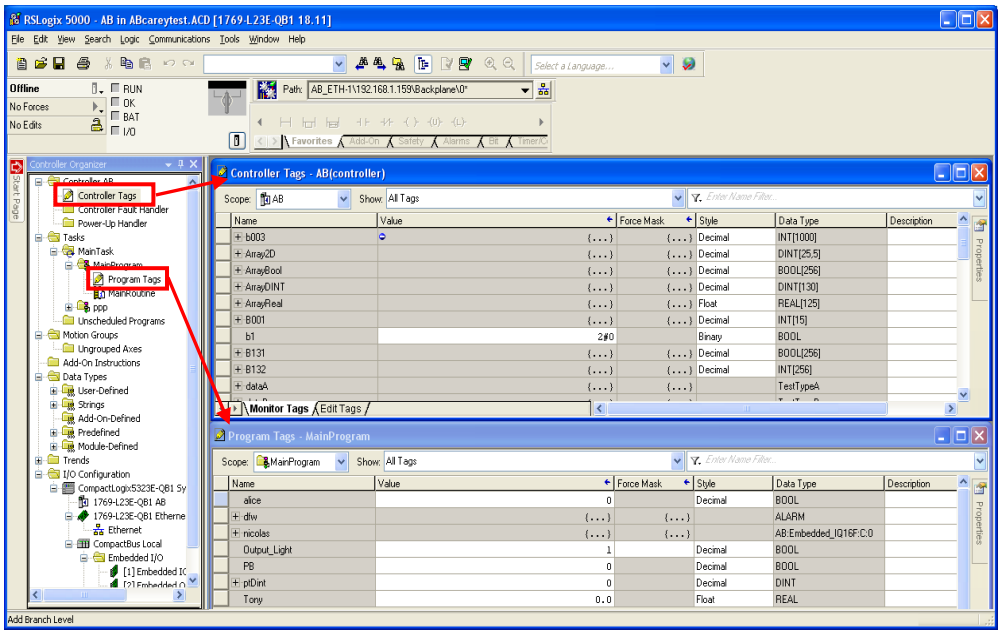
参数设定	推荐	选项	注释
PLC 类型	Rockwell CompactLogix - Free Tag Names		
PLC 界面	RS232		
传输速率	19200	9600, 19200, 38400	
校验 bit	None	Even, Odd, None	
数据位	8	8	
停止位	1	1	
通讯延时(毫秒)	10	10 ~ 100	*注
HMI 站号	0		
PLC 站号	1	1-31	

*注：若通讯状况不顺畅，可尝试调整通讯延时时间参数，调整至通讯状况正常状态。

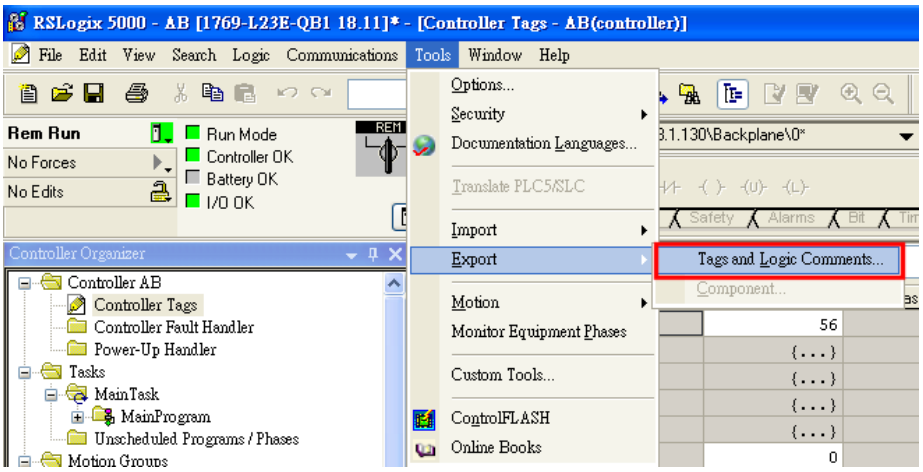
PLC 设定：

通讯模式	DF1 No Handshake protocol 19200, None, 8, 1 (预设) Error Check: BCC, Station Address: 1

1. 新增标签.(支援 Controller Tags 和 Program Tags)



2. 导出卷标数据 CSV 档案.(Tools -> Export -> Tags and Logic Comments)



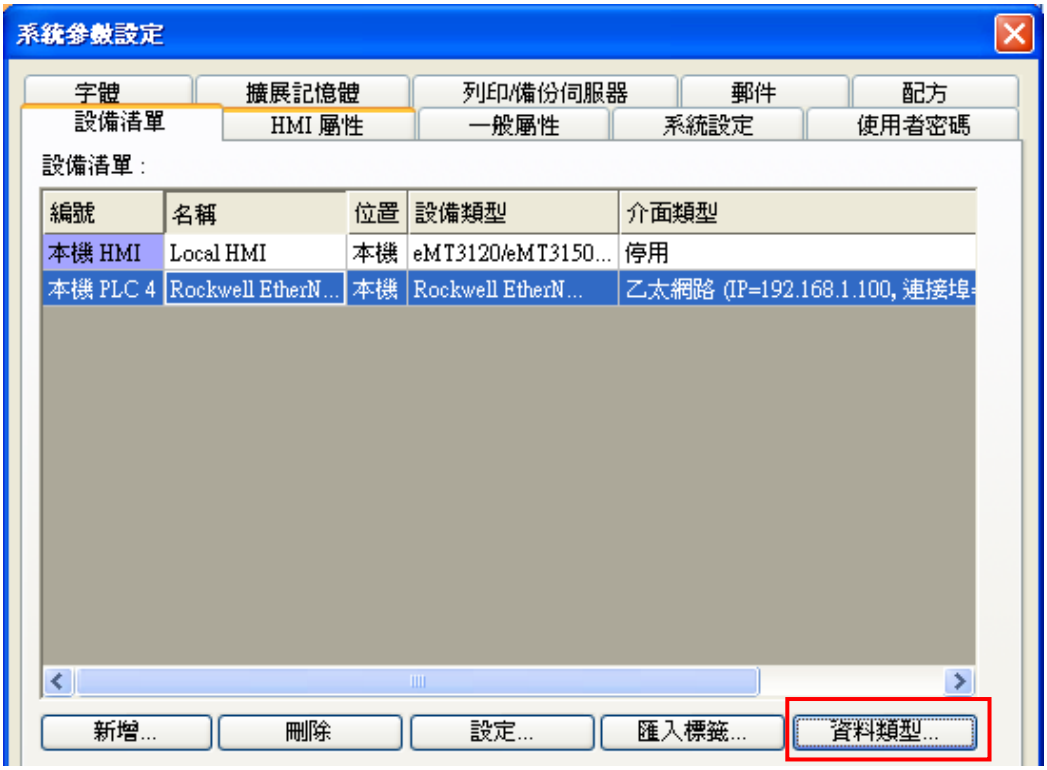
注意:导出的 CSV 档案的分隔字符必需是”，“,否则可能导致无法正常的使用.

TAG		B003		INT[20]	(RADIX := Decimal, PLCMappingFile := 3, Constant := false, ExternalAccess := Read/Write)
TAG		B012		INT[32]	(RADIX := Decimal, PLCMappingFile := 12, Constant := false, ExternalAccess := Read/Write)
TAG		B015		BOOL	(RADIX := Binary, Constant := false, ExternalAccess := Read/Write)

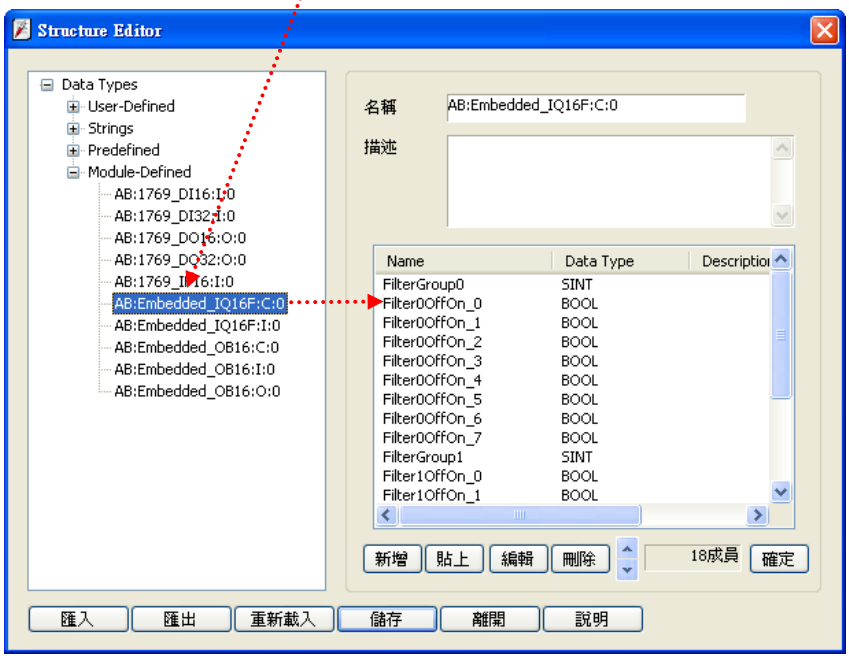
变更系统设定路径为 **控制面板->地区及语言选项->标准及格式->自定义->列表分隔字符**, 将设定改成”，“,变更成功后再汇出 CSV 档案



3. 开启 EasyBuilder 项目,挑选驱动并设定通讯参数完成后,点选 **[数据类型]** 开启 **[Structure Editor]**,建立 Tag 的数据结构.



TYPE	SCOPE	NAME	DESCRIPTION	DATATYPE	SPECIFIER	ATTRIBUTES
TAG		Local:1:C		AB:Embedded_IQ16F:C:0		
TAG		Local:1:I		AB:Embedded_IQ16F:I:0		
TAG		Local:2:C		AB:Embedded_OB16:C:0		
TAG		Local:2:I		AB:Embedded_OB16:I:0		
TAG		Local:2:O		AB:Embedded_OB16:O:0		



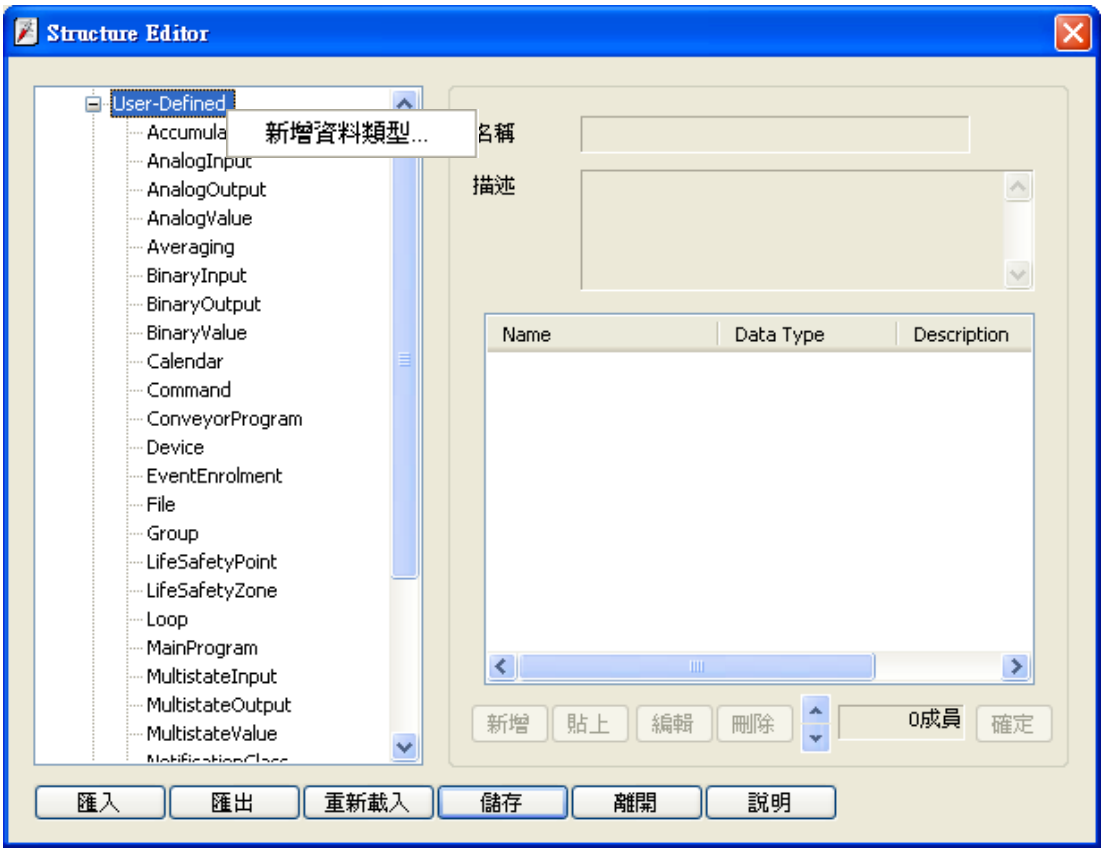
4. 从 **[Structure Editor]** 建立 **[Program Tag]** 的数据结构.

汇入的 CSV 档案如下:

注: EasyBuilder Pro V3.00.05 和 EasyBuilder 8000 V4.68.08 以后的版本新增 Program Tag 自动对应功能,无需手动编辑,请忽略此点步骤,直接进行第 5 点.

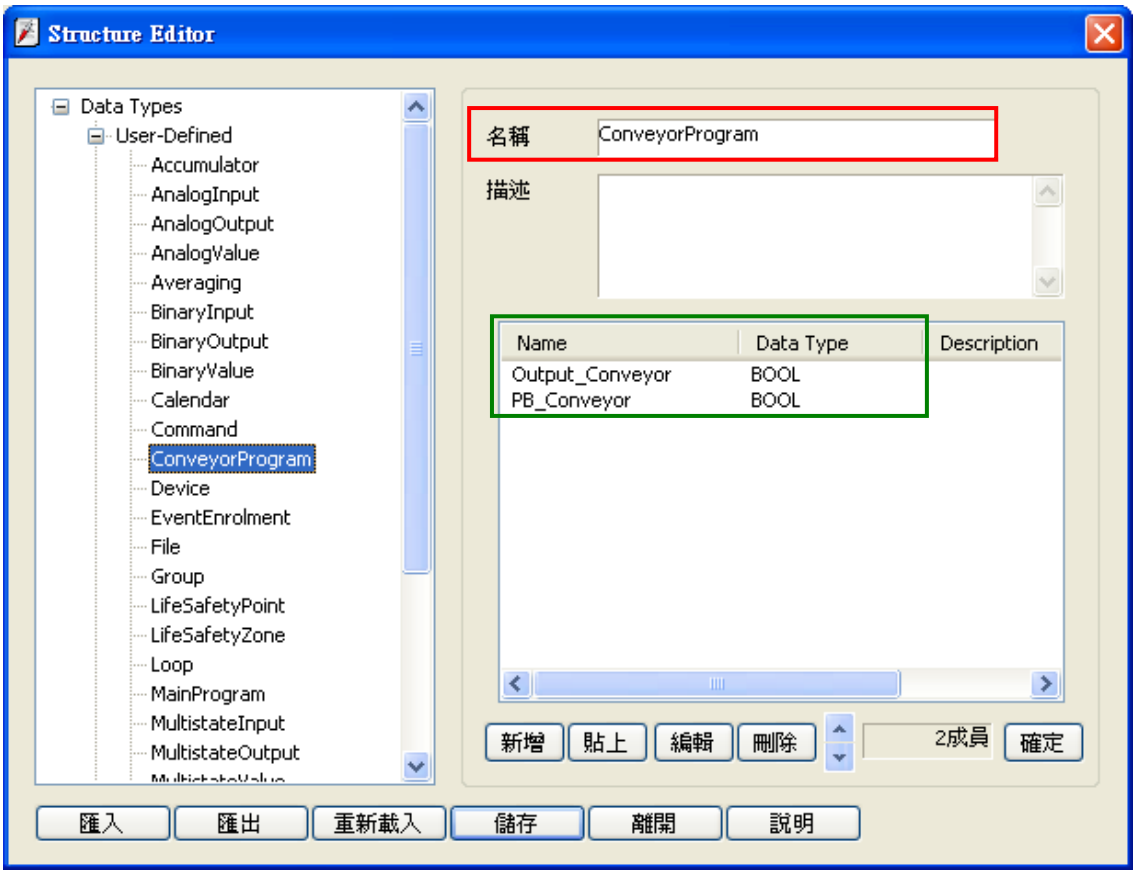
7	TYPE	SCOPE	NAME	DESCRIPTION	DATATYPE	SPECIFIER
8	TAG		Local:1:C		AB:Embedded_IQ16F:C:0	
9	TAG		Local:1:I		AB:Embedded_IQ16F:I:0	
10	TAG		Local:2:C		AB:Embedded_OB16:C:0	
11	TAG		Local:2:I		AB:Embedded_OB16:I:0	
12	TAG		Local:2:O		AB:Embedded_OB16:O:0	
13	TAG		PB_ControllerTag		BOOL	
14	TYPE	SCOPE	NAME	DESCRIPTION	DATATYPE	SPECIFIER
15	TAG	ConveyorProgram	Output_Conveyor			Local:2:O.Data.2
16	TAG	ConveyorProgram	PB_Conveyor		BOOL	
17	TYPE	SCOPE	NAME	DESCRIPTION	DATATYPE	SPECIFIER
18	TAG	MainProgram	Output_Light			Local:2:O.Data.1
19	TAG	MainProgram	PB		BOOL	

步骤一: 于 **[Structure Editor]** -> **[User-Defined]** 按下鼠标右键 **[新增数据类型]**.

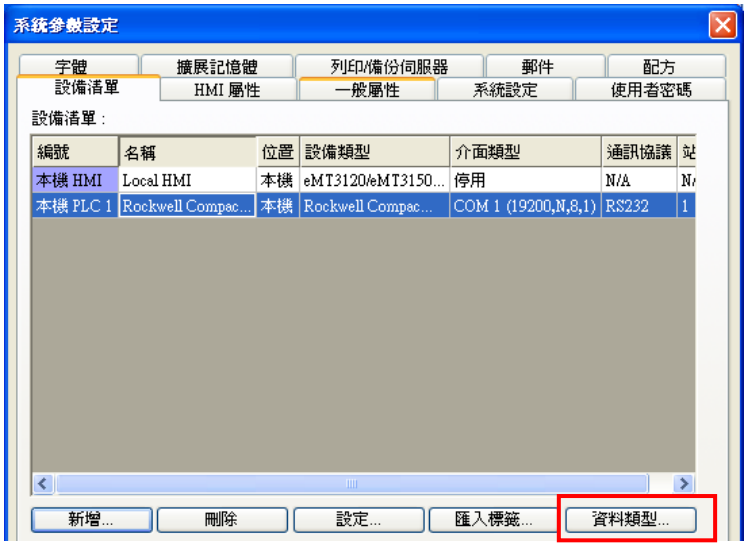


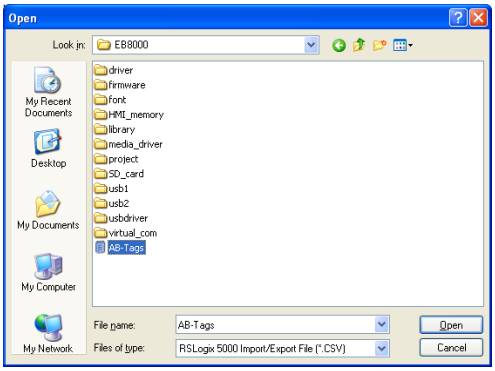
步骤二: 请依序建置 Program Tag 成员后,按 **[确定]** -> **[储存]** -> **[离开]** 储存并离开编辑窗口.

TYPE	SCOPE	NAME	DESCRIPTION	DATATYPE	SPECIFIER
ALIAS	ConveyorProgram	Output_Conveyor			Local:2:O.Data.2
TAG	ConveyorProgram	PB_Conveyor		BOOL	
TYPE	SCOPE	NAME	DESCRIPTION	DATATYPE	SPECIFIER
ALIAS	MainProgram	Output_Light			Local:2:O.Data.1
TAG	MainProgram	PB		BOOL	



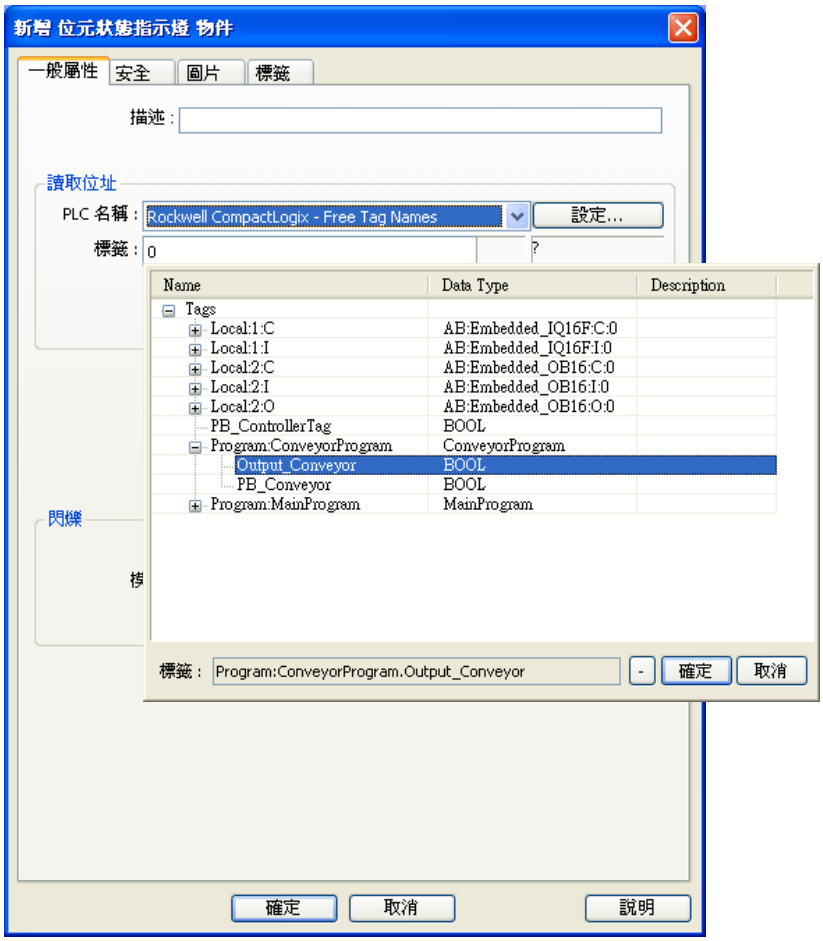
5. 在 **[系统参数设定]** 中,点选 **[汇入卷标]** 按钮,选择汇入的 CSV 档案,成功汇入会有提示窗口.







6. 在对象对话窗,选择 PLC 卷标地址.



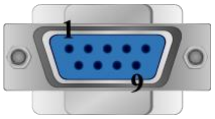
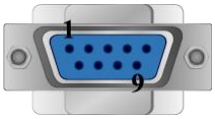
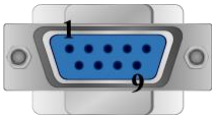
设备类型:

PLC 数据型态名称	Bit/Word	EasyBuilder 数据格式	注释
BOOL	Boolean	Bit object	
BitArray			
SINT			
INT	Integer	16-bit signed, ASCII	-32768~32767
DINT	Double Integer	32-bit signed	-2^{31}~$(2^{31}-1)$
REAL	Single Precision Float	32-bit Float	IEEE 754

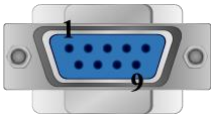
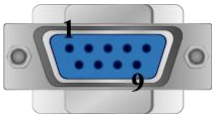
接线图:

以下图表示从连接线的焊接端所视.

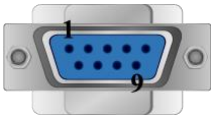
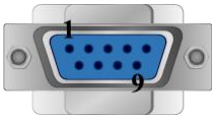
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		AB CPU CH0 RS232 9P D-Sub Female
2 RX	8 RX		3 TD
3 TX	7 TX		2 RD
5 GND	5 GND		5 GND
			

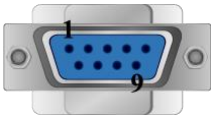
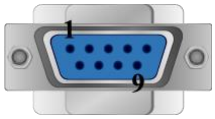
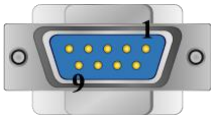
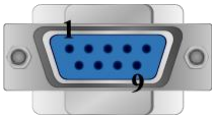
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			AB CPU CH0 RS232 9P D-Sub Female
2 RX			3 TD
3 TX			2 RD
5 GND			5 GND
			

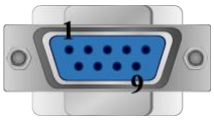
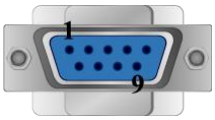
MT8000iE series

COM1 RS232 9P D-Sub Female			AB CPU CH0 RS232 9P D-Sub Female
2 RX			3 TD
3 TX			2 RD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	AB CPU CH0 RS232 9P D-Sub Female
2 RX	6 RX	8 RX	3 TD
3 TX	4 TX	7 TX	2 RD
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			AB CPU CH0 RS232 9P D-Sub Female
9 RX			3 TD
6 TX			2 RD
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.00	May/31/2011	发布驱动程序

Rockwell CompactLogix/FlexLogix

支持系列: Rockwell ControlLogix, CompactLogix, FlexLogix CH0 DF1.

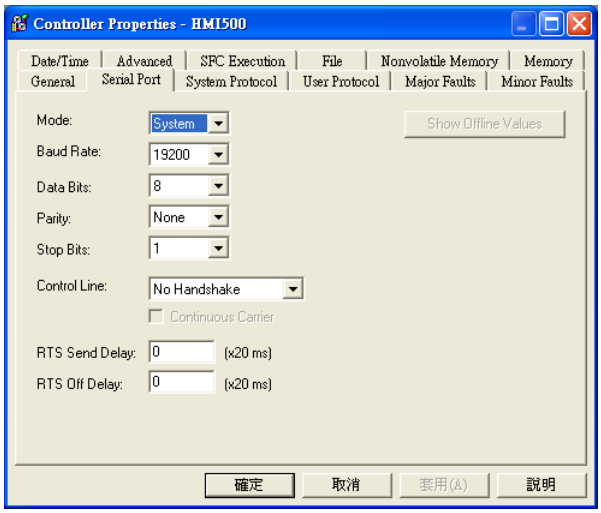
网站: http://www.ab.com

HMI 设定

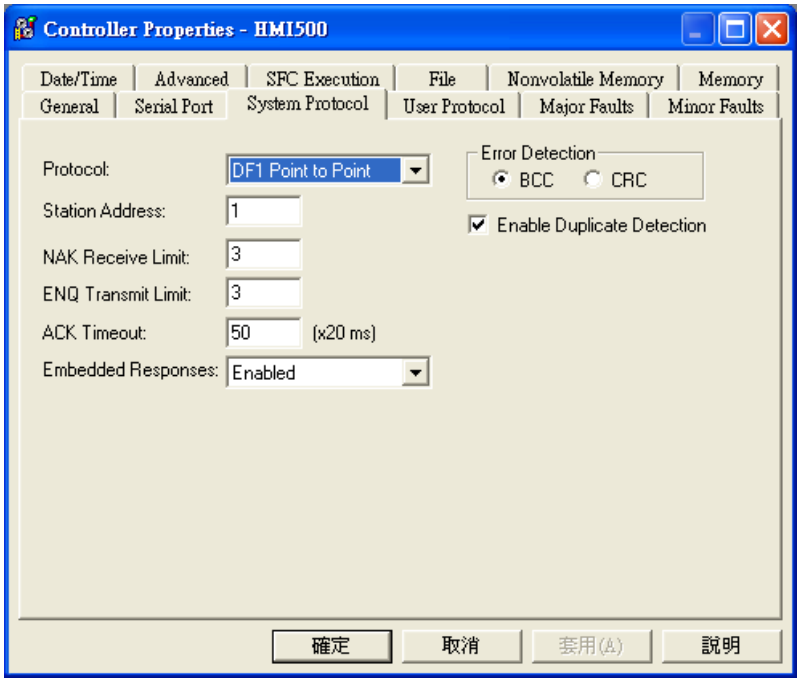
参数设定	推荐	选项	注释
PLC 类型	Rockwell CompactLogix/FlexLogix		
PLC 界面	RS232		
传输速率	19200	9600, 19200, 38400	
校验	None	Even, Odd, None	
数据位	8	8	
停止位	1	1	
HMI 站号	0		
PLC 站号	1	1-31	

PLC 设定：

通讯模式	DF1 No handshake protocol 19200, None, 8, 1 (预设) Error Check: BCC, Station Address: 1

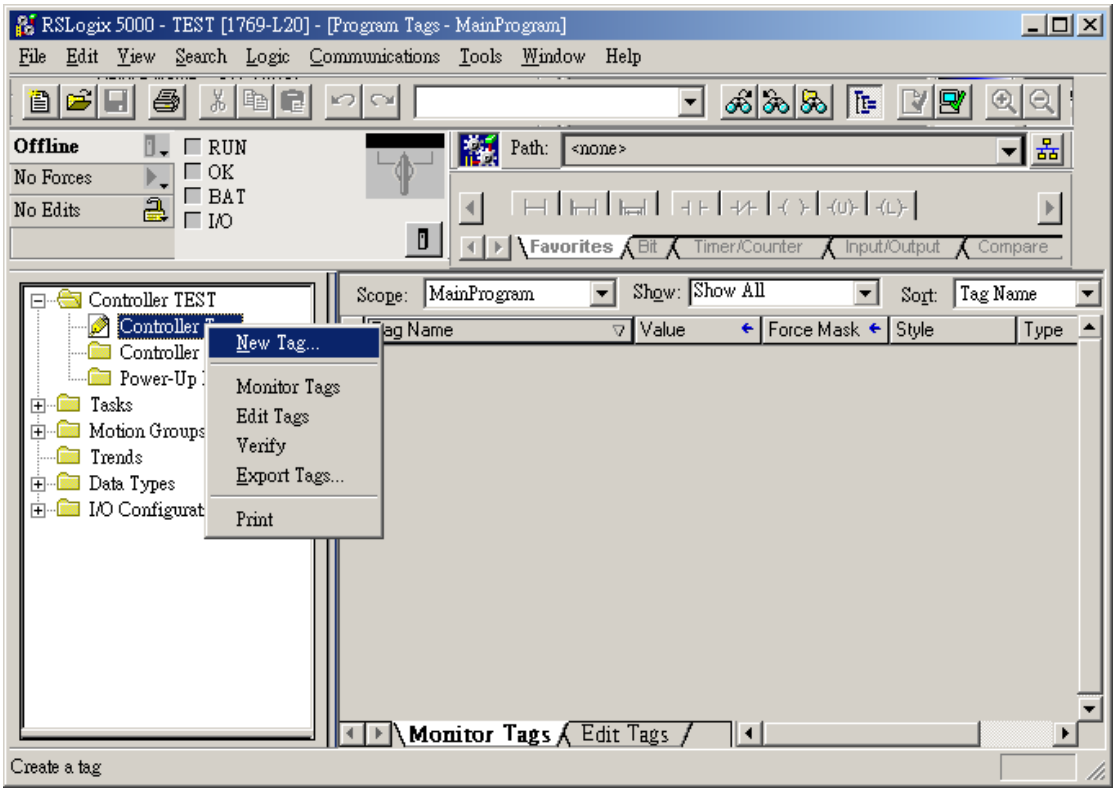


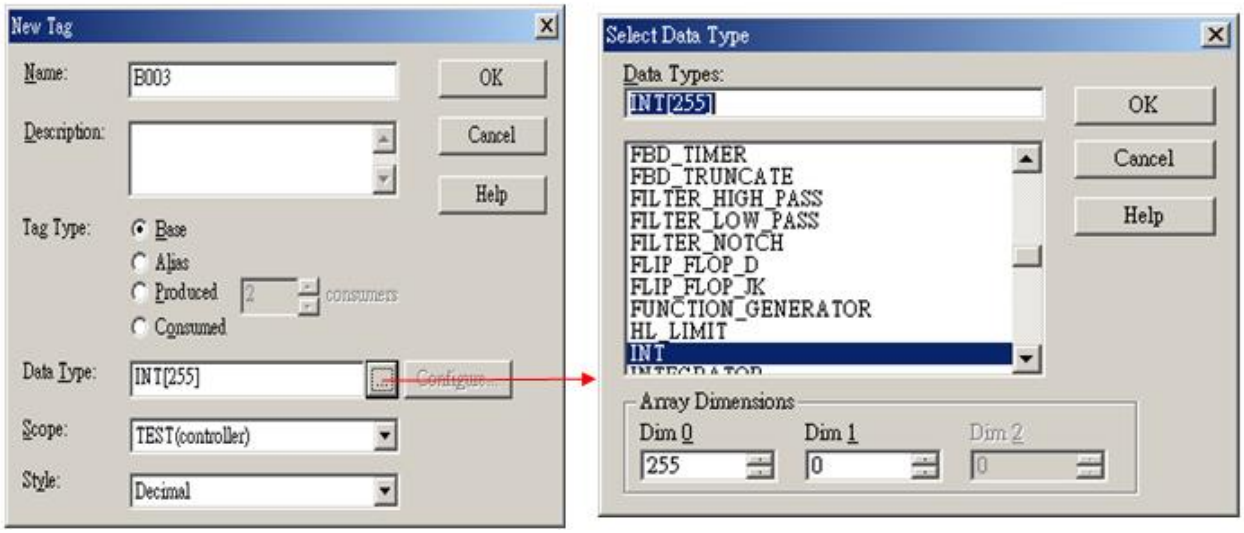
ControlLogix, CompactLogix CPU CH0 设定:



新增标签:

名称格式必须使用 4 chars，例如 B003、T004、C005、N007 和 F008，不能使用 2 或 3 chars，例如 B03 或 B3 是不合法的。





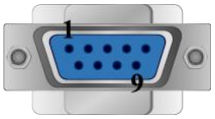
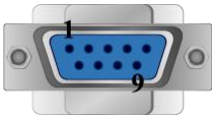
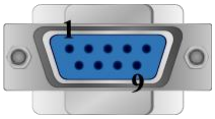
设备类型:

字符/位	设备类型	格式	范围	注释
B	B_BOOL	FFFDDDdd	0 ~ 25525515	Bit data file
B	N_BOOL	FFFDDDdd	0 ~ 25525515	Integer data file bit level (N7, 10 ~ 255)
DW	Tx.ACC	FFFDDD	0 ~ 255255	Timer Accumulator Value (T4, T10 ~ 255)
DW	Tx.PRE	FFFDDD	0 ~ 255255	Timer Preset Value (T4, T10 ~ 255)
DW	Nx_INT	FFFDDD	0 ~ 255255	Integer data file (N7, 10 ~ 255)
W	Bx_INT	FFFDDD	0 ~ 255255	Bit data file word level
DW	Cx.ACC	FFFDDD	0 ~ 255255	Counter Accumulator Value (C5, C10 ~ 255)
DW	Cx.PRE	FFFDDD	0 ~ 255255	Counter Preset Value (C5, C10 ~ 255)
W	F8_REAL	DDD	0 ~ 255	Floating point data file (F8)
W	Fx_REAL	FFFDDD	0 ~ 255255	Floating point data file (F008, F010 ~ F255)

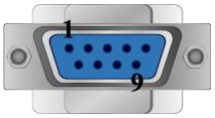
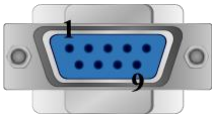
接线图:

以下图表示从连接线的焊接端所视.

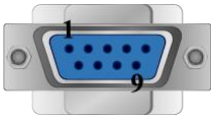
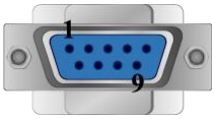
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		AB CPU CH0 RS232 9P D-Sub Female
2 RX	8 RX		3 TD
3 TX	7 TX		2 RD
5 GND	5 GND		5 GND
			

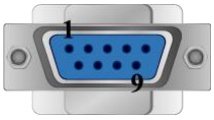
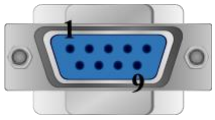
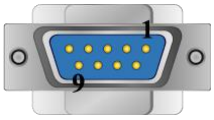
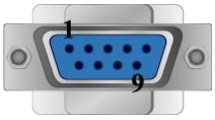
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			AB CPU CH0 RS232 9P D-Sub Female
2 RX			3 TD
3 TX			2 RD
5 GND			5 GND
			

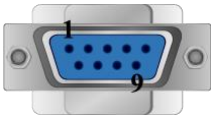
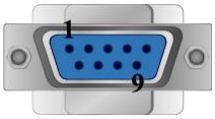
MT8000iE series

COM1 RS232 9P D-Sub Female			AB CPU CH0 RS232 9P D-Sub Female
2 RX			3 TD
3 TX			2 RD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	AB CPU CH0 RS232 9P D-Sub Female
2 RX	6 RX	8 RX	3 TD
3 TX	4 TX	7 TX	2 RD
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			AB CPU CH0 RS232 9P D-Sub Female
9 RX			3 TD
6 TX			2 RD
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.20	Dec/30/2008	

Rockwell DF1

支持系列: Rockwell MicroLogix 1000, 1100, 1200, 1400, 1500, SLC 5/03, 5/04, 5/05.

网站: http://www.ab.com
注释: Rockwell DF1 驱动程序是使用 CRC 的检查码。

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	Rockwell DF1		
PLC 界面	RS232		
传输速率	9600	9600, 19200, 38400	
校验	None	Even, Odd, None	
数据位	8	8	
停止位	1	1	
HMI 站号	0		
PLC 站号	1	1-31	

PLC 设定:

通讯模式	DF1 Full Duplex protocol 19200, None, 8, 1 (预设) Error Check: CRC

设备类型:

字符/位	设备类型	格式	范围	注释
B	I1	DDDdd	0 ~ 25515	Input (I)
B	O0	DDDdd	0 ~ 25515	Output (O)
B	I1n_Bit	SSEEdd	0 ~ 303115	S:slot (0~30) ; E:sub element (0~31) ; B:Bit no (0~15)
B	O0n_Bit	SSEEdd	0 ~ 303115	
B	B3	DDDdd	0 ~ 25515	Bit data file (B3)
B	B10 ~ 13	DDDdd	0 ~ 25515	Bit data file (B10 ~ 13)
B	S_Bit	DDDdd	0 ~ 25515	Status (S) bit level
B	Bfn	FFFDDDdd	0 ~ 25525515	Bit data file (B3, 10 ~ 254)
B	NfnBit	FFFDDDdd	0 ~ 25525515	Integer data file bit level (N7, 10 ~ 254)

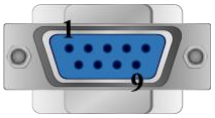
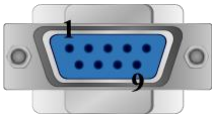
字符/位	设备类型	格式	范围	注释
W	I1n	SSEE	0 ~ 3031	S:slot (0~30) ; E:sub element (0~31) ; B:Bit no (0~15)
W	O0n	SSEE	0 ~ 3031	
W	T4SV	DDD	0 ~ 255	Timer Preset Value (T4)
W	T4PV	DDD	0 ~ 255	Timer Accumulator Value (T4)
W	C5SV	DDD	0 ~ 255	Counter Preset Value (C5)
W	C5PV	DDD	0 ~ 255	Counter Accumulator Value (C5)
W	TfnSV	FFFDDD	0 ~ 255255	Timer Preset Value
W	TfnPV	FFFDDD	0 ~ 255255	Timer Accumulator Value
W	CfnSV	FFFDDD	0 ~ 255255	Counter Preset Value
W	CfnPV	FFFDDD	0 ~ 255255	Counter Accumulator Value
W	N7	DDD	0 ~ 255	Integer data file (N7)
W	N10 ~ 15	DDD	0 ~ 255	Integer data file (N10 ~ 15)
W	Nfn	FFFDDD	0 ~ 255255	Integer data file (N7, 10 ~ 254)
W	S	DDD	0 ~ 255	Status (S)
W	F8	DDD	0 ~ 255	Floating point data file (F8)
W	Ffn	FFFDDD	0 ~ 255255	
W	Lfn	FFFDDD	0 ~ 255255	
String	STfn	DDD.DDD.DD	0 ~ 255.255.40	File no.Element no.Data no.

接线图:

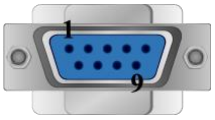
以下图表示从连接线的焊接端所视.

9P D-Sub to 8P Mini-DIN: MicroLogix 1000, 1100, 1200, 1400, 1500

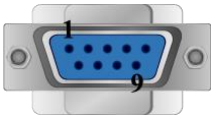
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		MicroLogix RS232 8P Mini-DIN Female socket
2 RX	8 RX		7 TXD
3 TX	7 TX		4 RXD
5 GND	5 GND		2 GND
			

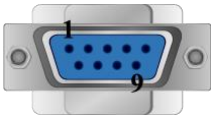
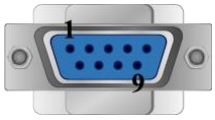
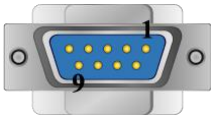
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			MicroLogix RS232 8P Mini-DIN Female socket
2 RX			7 TXD
3 TX			4 RXD
5 GND			2 GND
			

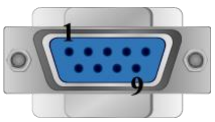
MT8000iE series

COM1 RS232 9P D-Sub Female			MicroLogix RS232 8P Mini-DIN Female socket
2 RX			7 TXD
3 TX			4 RXD
5 GND			2 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	MicroLogix RS232 8P Mini-DIN Female socket
2 RX	6 RX	8 RX	7 TXD
3 TX	4 TX	7 TX	4 RXD
5 GND	5 GND	5 GND	2 GND
			

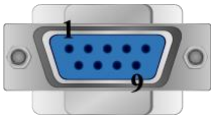
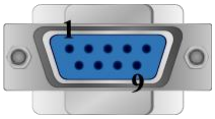
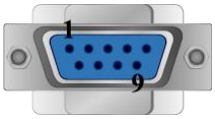
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			MicroLogix RS232 8P Mini-DIN Female socket
9 RX			7 TXD
6 TX			4 RXD
5 GND			2 GND
			

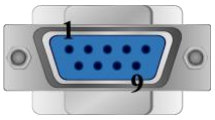
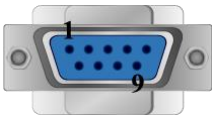
以下图表示从连接线的焊接端所视.

9P D-Sub to 9P D-Sub: SLC5/03, 04, 05 CH0

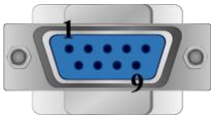
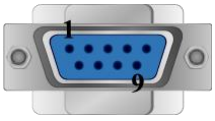
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		AB CPU CH0 RS232 9P D-Sub Female
2 RX	8 RX		3 TD
3 TX	7 TX		2 RD
5 GND	5 GND		5 GND
			

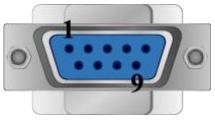
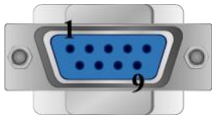
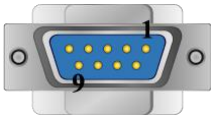
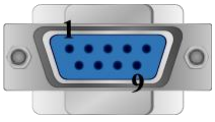
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			AB CPU CH0 RS232 9P D-Sub Female
2 RX			3 TD
3 TX			2 RD
5 GND			5 GND
			

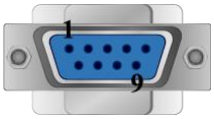
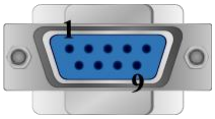
MT8000iE series

COM1 RS232 9P D-Sub Female			AB CPU CH0 RS232 9P D-Sub Female
2 RX			3 TD
3 TX			2 RD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	AB CPU CH0 RS232 9P D-Sub Female
2 RX	6 RX	8 RX	3 TD
3 TX	4 TX	7 TX	2 RD
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			AB CPU CH0 RS232 9P D-Sub Female
9 RX			3 TD
6 TX			2 RD
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V2.20	Jan/05/2010	
V2.50	Oct/14/2012	增加缓存器: I1n,O0n.
V2.70	Jun/27/2013	增加缓存器: STfn

Rockwell DF1 (BCC)

支持系列: Rockwell MicroLogix 1000, 1100, 1200, 1500, SLC 5/03, 5/04, 5/05.
网站: http://www.ab.com
注释: Rockwell DF1 (BCC) 和 Rockwell DF1 相同，唯一不同的地方只有使用 BCC 的检查码不同。

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	Rockwell DF1 (BCC)		
PLC 界面	RS232		
传输速率	19200	9600, 19200, 38400	
校验	None	Even, Odd, None	
数据位	8	8	
停止位	1	1	
HMI 站号	0		
PLC 站号	1	1-31	

PLC 设定:

通讯模式	DF1 Full Duplex protocol 19200, None, 8, 1 (预设) Error Check: BCC

设备类型:

字符/位	设备类型	格式	范围	注释
B	I1	DDDdd	0 ~ 25515	Input (I)
B	O0	DDDdd	0 ~ 25515	Output (O)
B	B3	DDDdd	0 ~ 25515	Bit data file (B3)
B	B10 ~ 13	DDDdd	0 ~ 25515	Bit data file (B10 ~ 13)
B	S_Bit	DDDdd	0 ~ 25515	Status (S) bit level
B	Bfn	FFFDDDdd	0 ~ 25525515	Bit data file (B3, 10 ~ 254)
B	NfnBit	FFFDDDdd	0 ~ 25525515	Integer data file bit level (N7, 10 ~ 254)
W	T4SV	DDD	0 ~ 255	Timer Preset Value (T4)
W	T4PV	DDD	0 ~ 255	Timer Accumulator Value (T4)
W	C5SV	DDD	0 ~ 255	Counter Preset Value (C5)

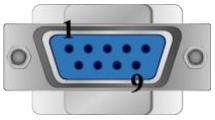
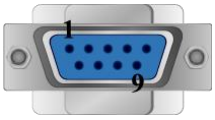
字符/位	设备类型	格式	范围	注释
W	C5PV	DDD	0 ~ 255	Counter Accumulator Value (C5)
W	TfnSV	FFFDDD	0 ~ 255255	Timer Preset Value
W	TfnPV	FFFDDD	0 ~ 255255	Timer Accumulator Value
W	CfnSV	FFFDDD	0 ~ 255255	Counter Preset Value
W	CfnPV	FFFDDD	0 ~ 255255	Counter Accumulator Value
W	N7	DDD	0 ~ 255	Integer data file (N7)
W	N10~15	DDD	0 ~ 255	Integer data file (N10 ~ 15)
W	Nfn	FFFDDD	0 ~ 255255	Integer data file (N7,10 ~ 254)
W	S	DDD	0 ~ 255	Status (S)
W	F8	DDD	0 ~ 255	Floating point data file (F8)
W	Ffn	FFFDDD	0 ~ 255255	
W	Lfn	FFFDDD	0 ~ 255255	
W	STfn	DDD.DDD.DD	0 ~ 255.255.40	

接线图:

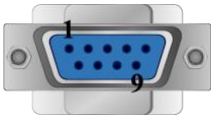
以下图表示从连接线的焊接端所视.

9P D-Sub to 8P Mini-DIN: MicroLogix 1000, 1100, 1200, 1500

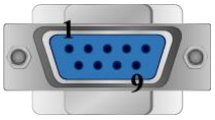
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		MicroLogix RS232 8P Mini-DIN Female socket
2 RX	8 RX		7 TXD
3 TX	7 TX		4 RXD
5 GND	5 GND		2 GND
			

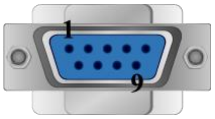
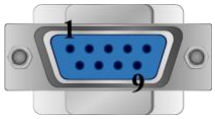
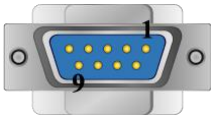
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			MicroLogix RS232 8P Mini-DIN Female socket
2 RX			7 TXD
3 TX			4 RXD
5 GND			2 GND
			

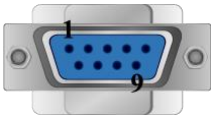
MT8000iE series

COM1 RS232 9P D-Sub Female			MicroLogix RS232 8P Mini-DIN Female socket
2 RX			7 TXD
3 TX			4 RXD
5 GND			2 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	MicroLogix RS232 8P Mini-DIN Female socket
2 RX	6 RX	8 RX	7 TXD
3 TX	4 TX	7 TX	4 RXD
5 GND	5 GND	5 GND	2 GND
			

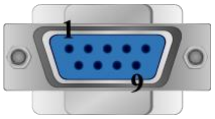
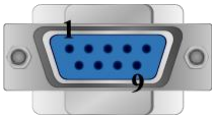
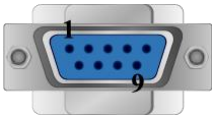
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			MicroLogix RS232 8P Mini-DIN Female socket
9 RX			7 TXD
6 TX			4 RXD
5 GND			2 GND
			

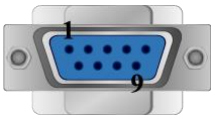
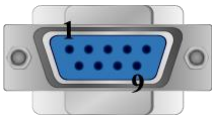
以下图表示从连接线的焊接端所视.

9P D-Sub to 9P D-Sub: SLC5/03, 04, 05 CH0

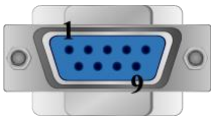
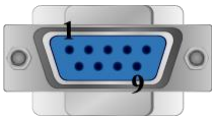
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		AB CPU CH0 RS232 9P D-Sub Female
2 RX	8 RX		3 TD
3 TX	7 TX		2 RD
5 GND	5 GND		5 GND
			

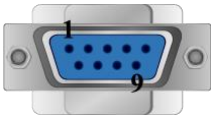
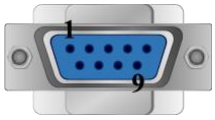
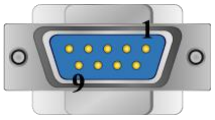
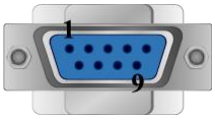
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			AB CPU CH0 RS232 9P D-Sub Female
2 RX			3 TD
3 TX			2 RD
5 GND			5 GND
			

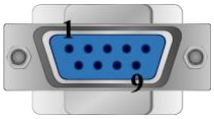
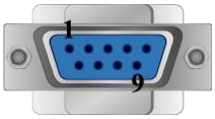
MT8000iE series

COM1 RS232 9P D-Sub Female			AB CPU CH0 RS232 9P D-Sub Female
2 RX			3 TD
3 TX			2 RD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	AB CPU CH0 RS232 9P D-Sub Female
2 RX	6 RX	8 RX	3 TD
3 TX	4 TX	7 TX	2 RD
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			AB CPU CH0 RS232 9P D-Sub Female
9 RX			3 TD
6 TX			2 RD
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V2.70	Sep/05/2013	新增 STfn 地址类型

Rockwell DH485

支持系列: Rockwell MicroLogix 1000, 1100, 1200, 1500, SLC 5/03, 5/04, 5/05.

网站: http://www.ab.com

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	Rockwell DH485		
PLC 界面	RS485 2W	RS232	
传输速率	19200	9600, 19200	
校验	Even		
数据位	8		
停止位	1		
HMI 站号	0	2	
PLC 站号	1	1-31	

在线仿真	YES
扩展模式	NO

PLC 设定:

通讯模式	DH485 protocol 19200 (预设) 设定最大的地址必须符合 PLC 个数



设备类型:

字符/位	设备类型	格式	范围	注释
B	I1	DDDdd	0 ~ 25515	Input (I)
B	O0	DDDdd	0 ~ 25515	Output (O)
B	B3	DDDdd	0 ~ 25515	Bit data file (B3)
B	B10 ~ 13	DDDdd	0 ~ 25515	Bit data file (B10 ~ 13)
B	Bfn	FFFDDDdd	0 ~ 25525515	Bit data file (B3, 10 ~ 254)
B	NfnBit	FFFDDDdd	0 ~ 25525515	Integer data file bit level (N7,10 ~ 254)
B	S_Bit	DDDdd	0 ~ 25515	Status file
W	T4SV	DDD	0 ~ 255	Timer Preset Value (T4)
W	T4PV	DDD	0 ~ 255	Timer Accumulator Value (T4)
W	C5SV	DDD	0 ~ 255	Counter Preset Value (C5)
W	C5PV	DDD	0 ~ 255	Counter Accumulator Value
W	TfnSV	FFFDDD	0 ~ 255255	Timer Preset Value
W	TfnPV	FFFDDD	0 ~ 255255	Timer Accumulator Value
W	CfnSV	FFFDDD	0 ~ 255255	Counter Preset Value
W	CfnPV	FFFDDD	0 ~ 255255	Counter Accumulator Value
W	F8	DDD	0 ~ 255	Floating point data file (F8)
W	N7	DDD	0 ~ 255	Integer data file (N7)
W	N10 ~ 15	DDD	0 ~ 255	Integer data file (N10 ~ 15)
W	Nfn	FFFDDD	0 ~ 255255	Integer data file
W	S	DDD	0 ~ 255	Status file

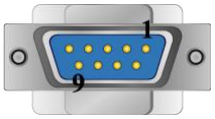
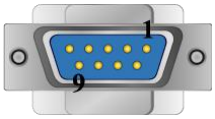
接线图:

以下图表示从连接线的焊接端所视.

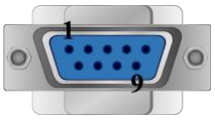
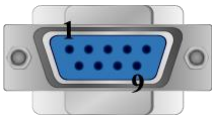
RS-485: SLC500 Fixed type, SLC5/01, 02, 03 CH1.

HMI can't connect to 1747-AIC peripheral port.

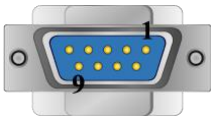
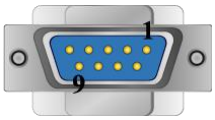
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		AB SLC500 DH485 RJ8 Male
1 RX-	6 Data-		2 SDB
2 RX+	9 Data+		1 SDA
5 GND	5 GND		7 GND
			

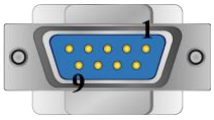
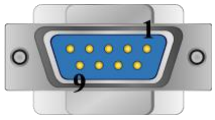
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		AB SLC500 DH485 RJ8 Male
7 RX-	4 Data-		2 SDB
6 RX+	1 Data+		1 SDA
5 GND	5 GND		7 GND
			

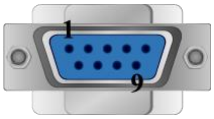
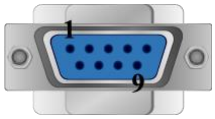
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		AB SLC500 DH485 RJ8 Male
1 RX-	7 Data-		2 SDB
2 RX+	8 Data+		1 SDA
5 GND	9 GND		7 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		AB SLC500 DH485 RJ8 Male
1 RX-	6 Data-		2 SDB
2 RX+	9 Data+		1 SDA
5 GND	5 GND		7 GND
			

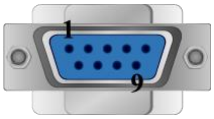
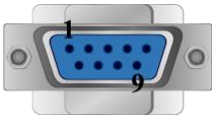
MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		AB SLC500 DH485 RJ8 Male
1 RX-	7 Data-		2 SDB
2 RX+	8 Data+		1 SDA
5 GND	5 GND		7 GND
			

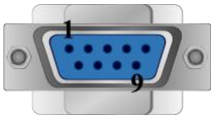
以下图表示从连接线的焊接端所视.

9P D-Sub to 8P Mini-DIN: MicroLogix 1000, 1100, 1200, and 1500 must set DH485 protocol.

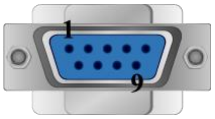
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		MicroLogix RS232 8P Mini-DIN Female socket
2 RX	8 RX		7 TXD
3 TX	7 TX		4 RXD
5 GND	5 GND		2 GND
			

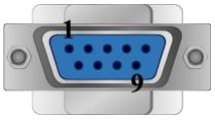
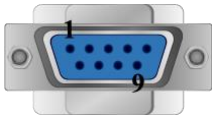
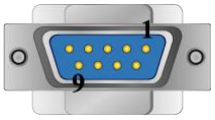
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			MicroLogix RS232 8P Mini-DIN Female socket
2 RX			7 TXD
3 TX			4 RXD
5 GND			2 GND
			

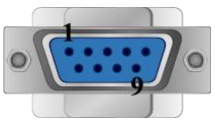
MT8000iE series

COM1 RS232 9P D-Sub Female			MicroLogix RS232 8P Mini-DIN Female socket
2 RX			7 TXD
3 TX			4 RXD
5 GND			2 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	MicroLogix RS232 8P Mini-DIN Female socket
2 RX	6 RX	8 RX	7 TXD
3 TX	4 TX	7 TX	4 RXD
5 GND	5 GND	5 GND	2 GND
			

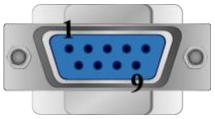
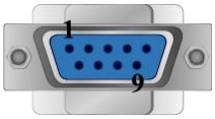
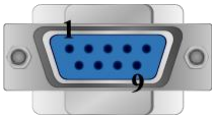
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			MicroLogix RS232 8P Mini-DIN Female socket
9 RX			7 TXD
6 TX			4 RXD
5 GND			2 GND
			

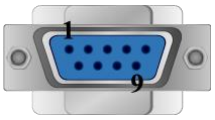
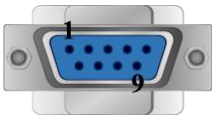
以下图表示从连接线的焊接端所视.

9P D-Sub to 9P D-Sub: SLC5/03, 04, 05 CH0 must set DH485 protocol.

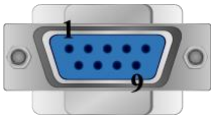
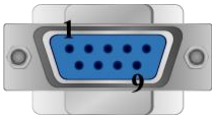
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		AB CPU CH0 RS232 9P D-Sub Female
2 RX	8 RX		3 TD
3 TX	7 TX		2 RD
5 GND	5 GND		5 GND
			

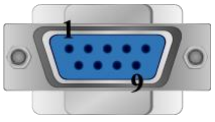
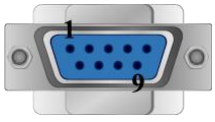
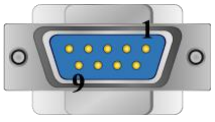
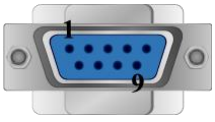
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			AB CPU CH0 RS232 9P D-Sub Female
2 RX			3 TD
3 TX			2 RD
5 GND			5 GND
			

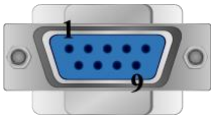
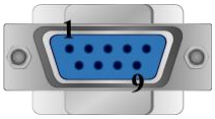
MT8000iE series

COM1 RS232 9P D-Sub Female			AB CPU CH0 RS232 9P D-Sub Female
2 RX			3 TD
3 TX			2 RD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	AB CPU CH0 RS232 9P D-Sub Female
2 RX	6 RX	8 RX	3 TD
3 TX	4 TX	7 TX	2 RD
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			AB CPU CH0 RS232 9P D-Sub Female
9 RX			3 TD
6 TX			2 RD
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.20	Apr/17/2009	

Rockwell EtherNet/IP (CompactLogix)

支持系列: Rockwell ControlLogix, CompactLogix, FelxLogix Ethernet.

网站: http://www.ab.com

HMI 设定

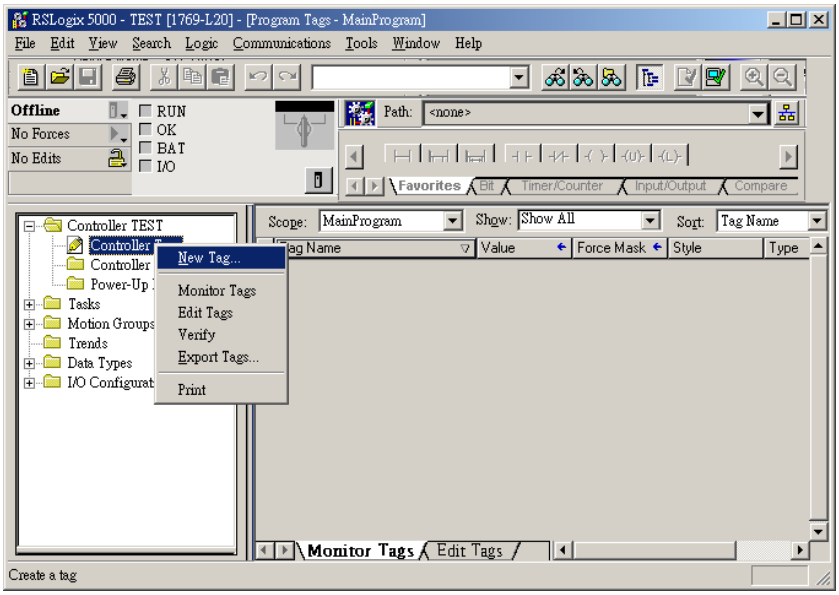
参数设定	推荐	选项	注释
PLC 类型	Rockwell EtherNet/IP (CompactLogix)		
PLC 界面	Ethernet		
端口	44818		
PLC 站号	1		

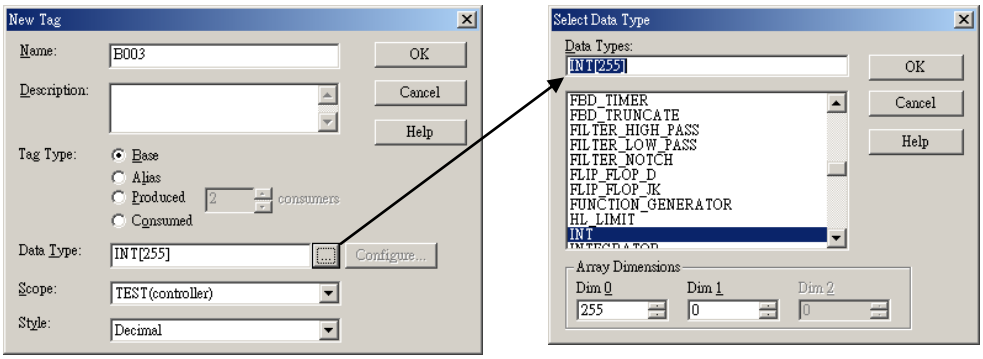
PLC 设定：

RSLogix 5000 设定

新增标签:

名称格式必须使用 4 chars，例如 B003、T004、C005、N007 和 F008，不能使用 2 或 3 chars，例如 B03 或 B3 是不合法的。





设备类型:

字符/位	设备类型	格式	范围	注释
B	Bx_BOOL	FFFDDDdd	0 ~ 25525515	Bit data file
B	Nx_BOOL	FFFDDDdd	0 ~ 25525515	Integer data file bit level (N7, 10 ~ 99)
W	Bx_INT	FFFDDD	0 ~ 255255	Bit data file word level
W	Nx_INT	FFFDDD	0 ~ 255255	Integer data file (N7, 10 ~ 99)
DW (F)	F8_REAL	DDD	0 ~ 255	Floating point data file (F8)
DW (F)	Fx_REAL	FFFDDD	0 ~ 255255	Floating point data file (F8)
DW	Cx.ACC	FFFDDD	0 ~ 255255	Counter Accumulator Value (C5, C10 ~ 255)
DW	Cx.PRE	FFFDDD	0 ~ 255255	Counter Preset Value (C5, C10 ~ 255)
DW	Tx.ACC	FFFDDD	0 ~ 255255	Timer Accumulator Value (T4, T10 ~ 255)
DW	Tx.PRE	FFFDDD	0 ~ 255255	Timer Preset Value (T4, T10 ~ 255)
DW	Lx.DINT	FFFDDD	0 ~ 255255	

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

驱动版本:

版本	日期	叙述
V1.30	Dec/30/2008	
V1.50	Mar/6/2012	新增 LR, LR_Bit 地址类型

Rockwell EtherNet/IP (CompactLogix) – Free Tag Names

支持系列: Rockwell CompactLogix, FelxLogix Ethernet

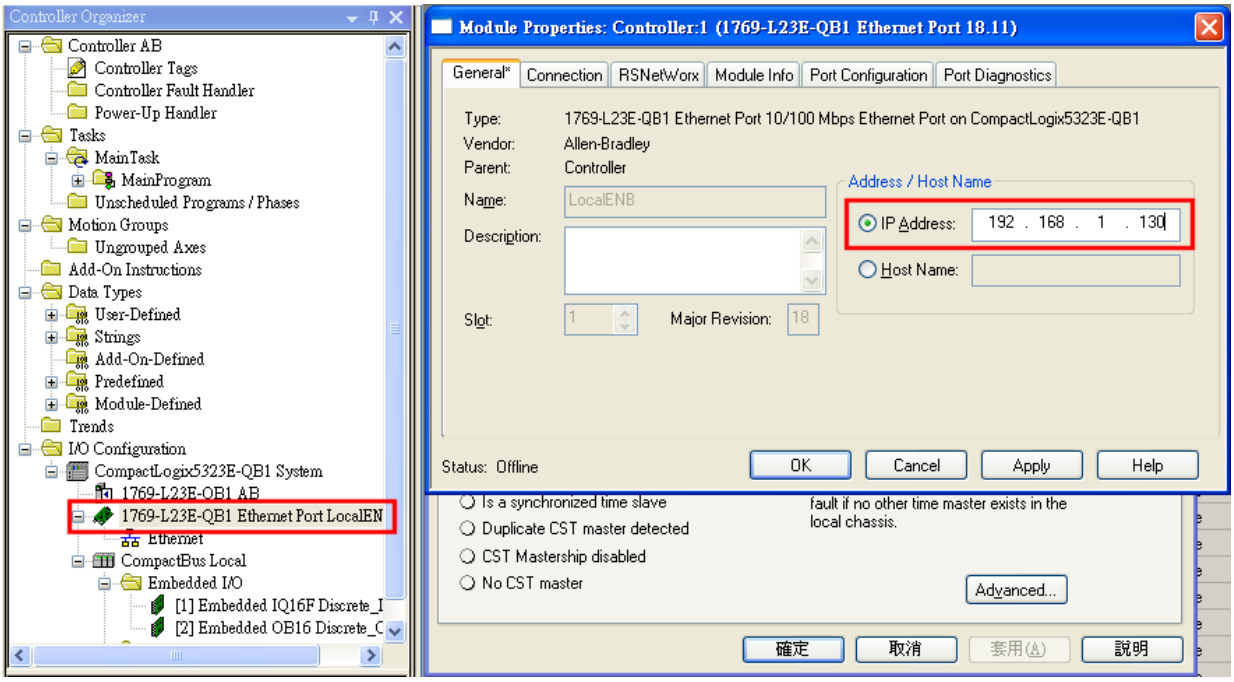
网站: http://www.ab.com

HMI 设定

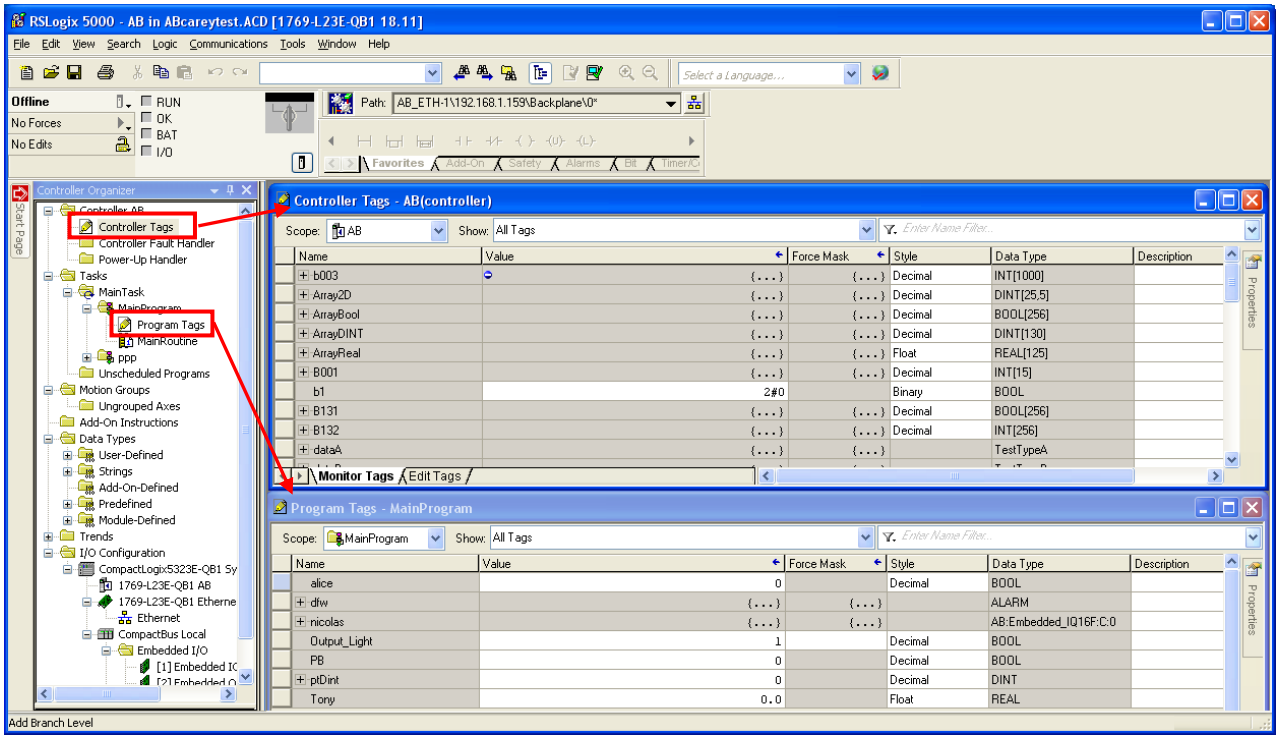
参数设定	推荐	选项	注释
PLC 类型	Rockwell EtherNet/IP (CompactLogix) – Free Tag Names		
PLC 界面	Ethernet		
端口	44818		
PLC 站号	1		

PLC 设定:

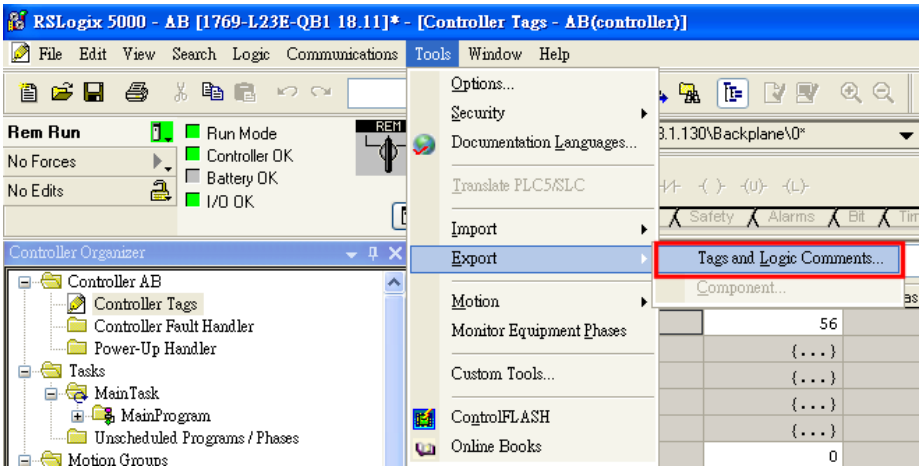
1. 设定 PLC 网络地址.



2. 新增标签.(支援 Controller Tags 和 Program Tags)



3. 导出卷标数据为 CSV 档案.(Tools -> Export -> Tags and Logic Comments)



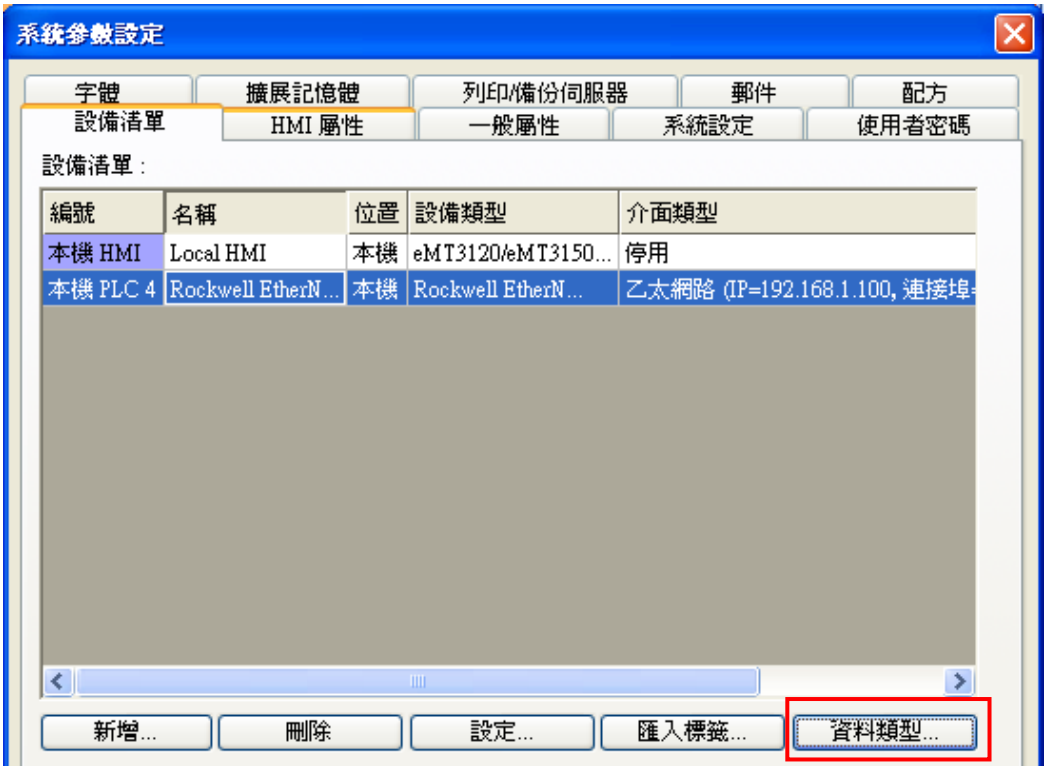
注意:导出的 CSV 档案的分隔字符必需是”，“,否则可能导致无法正常的使用.

TAG		B003		INT[20]		(RADIX := Decimal, PLCMappingFile := 3, Constant := false, ExternalAccess := Read/Write)
TAG		B012		INT[32]		(RADIX := Decimal, PLCMappingFile := 12, Constant := false, ExternalAccess := Read/Write)
TAG		B015		BOOL		(RADIX := Binary, Constant := false, ExternalAccess := Read/Write)

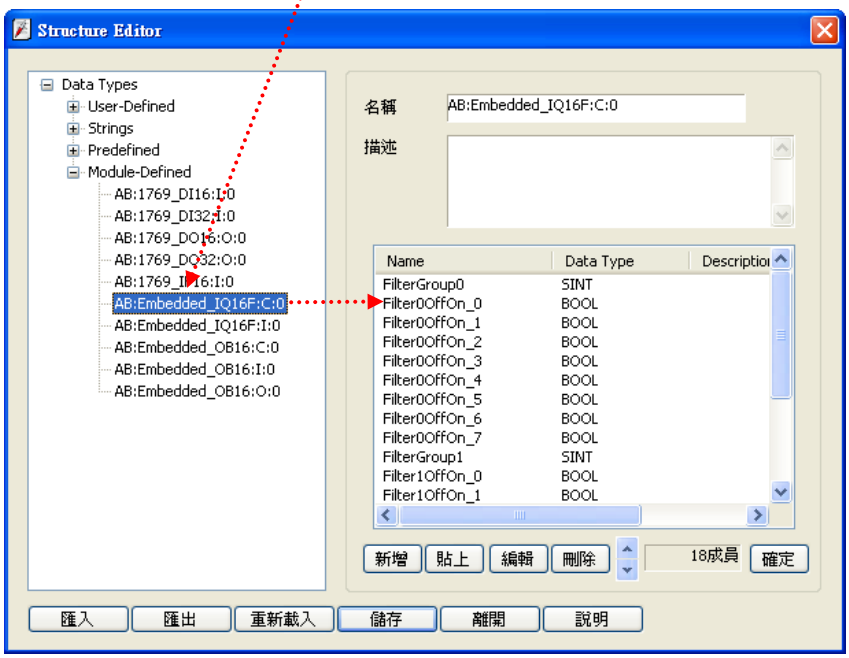
变更系统设定路径为 **控制面板->地区及语言选项->标准及格式->自定义->列表分隔字符**, 将设定改成”，“,变更成功后再汇出 CSV 档案



4. 开启 EasyBuilder 项目,挑选驱动并设定网络地址完成后,点选 **[数据类型]** 开启 **[Structure Editor]**,建立 Tag 的数据结构.



TYPE	SCOPE	NAME	DESCRIPTION	DATATYPE	SPECIFIER	ATTRIBUTES
TAG		Local:1:C		AB:Embedded_IQ16F:C:0		
TAG		Local:1:I		AB:Embedded_IQ16F:I:0		
TAG		Local:2:C		AB:Embedded_OB16:C:0		
TAG		Local:2:I		AB:Embedded_OB16:I:0		
TAG		Local:2:O		AB:Embedded_OB16:O:0		



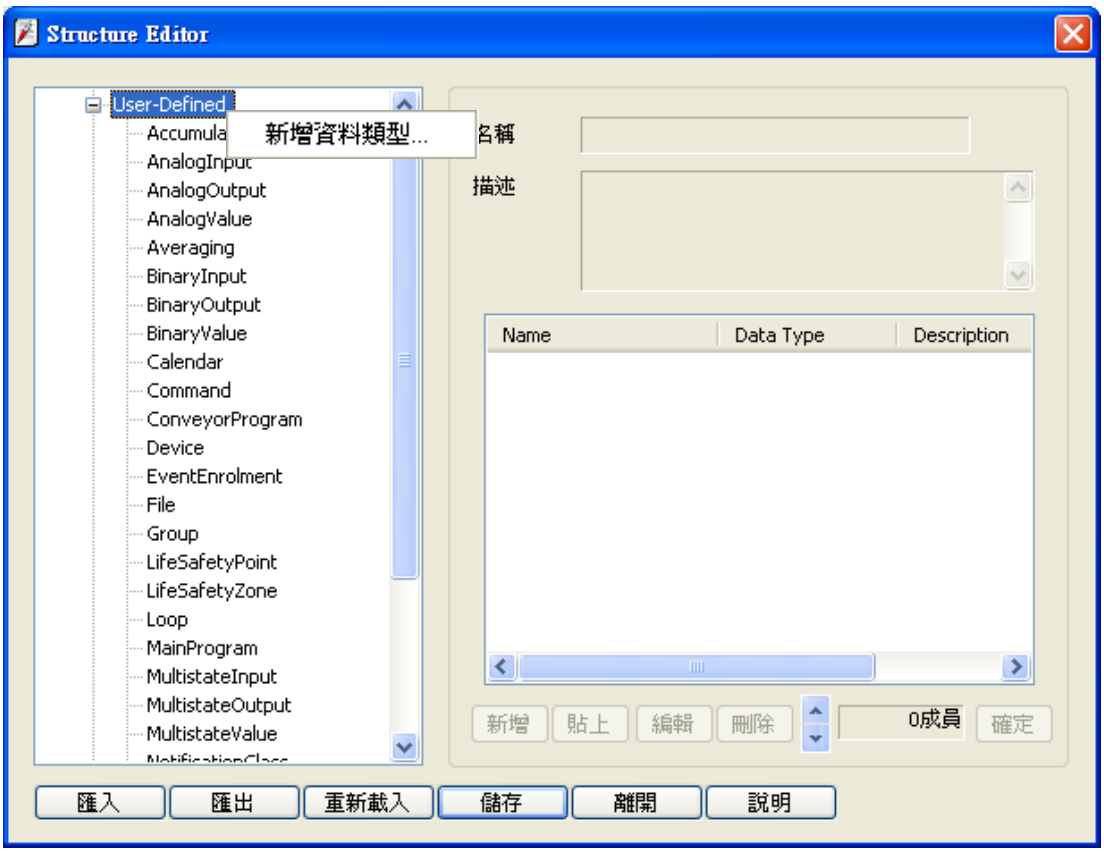
5. 从 **[Structure Editor]** 建立 **[Program Tag]** 的数据结构.

汇入的 CSV 档案如下:

注: EasyBuilder Pro V3.00.05 和 EasyBuilder 8000 V4.68.08 以后的版本新增 Program Tag 自动对应功能,无需手动编辑,请忽略此点步骤,直接进行第 6 点.

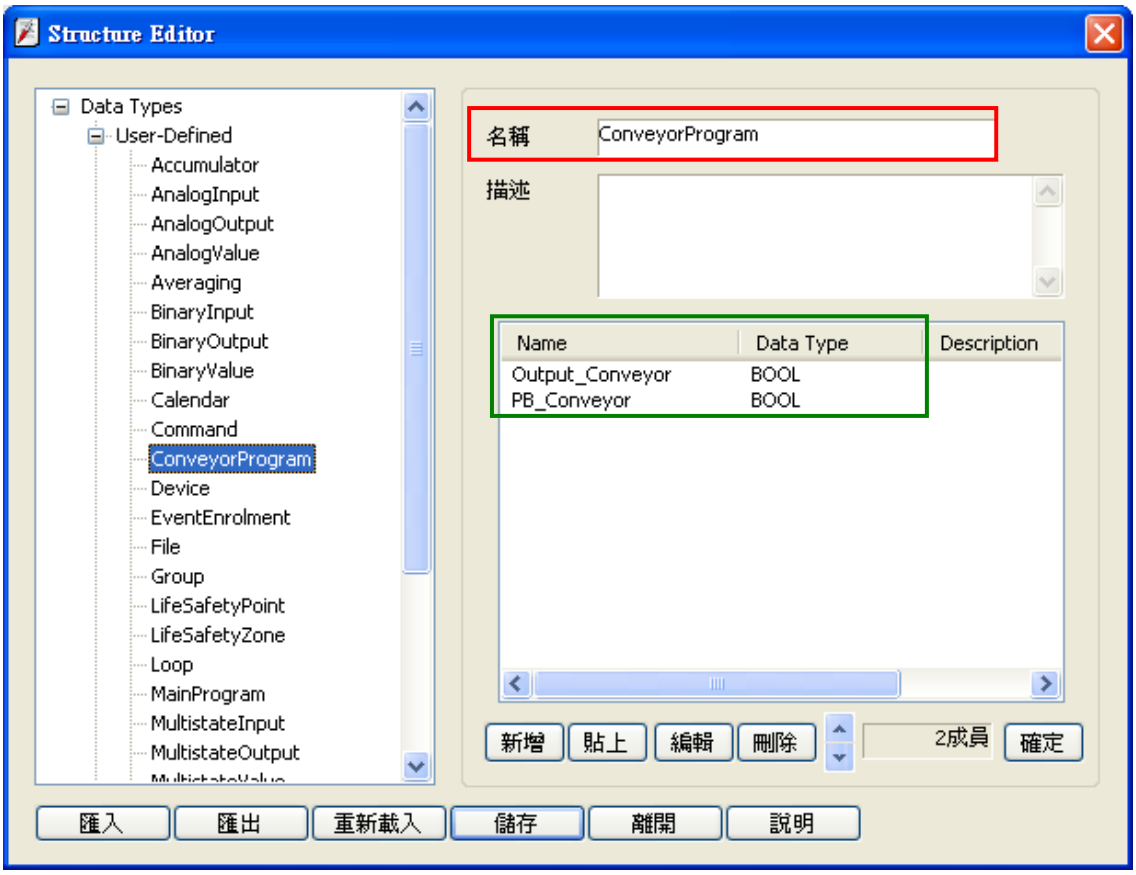
7	TYPE	SCOPE	NAME	DESCRIPTION	DATATYPE	SPECIFIER
8	TAG		Local:1:C		AB:Embedded_IQ16F:C:0	
9	TAG		Local:1:I		AB:Embedded_IQ16F:I:0	
10	TAG		Local:2:C		AB:Embedded_OB16:C:0	
11	TAG		Local:2:I		AB:Embedded_OB16:I:0	
12	TAG		Local:2:O		AB:Embedded_OB16:O:0	
13	TAG		PB_ControllerTag		BOOL	
14	TYPE	SCOPE	NAME	DESCRIPTION	DATATYPE	SPECIFIER
15	TAG	ConveyorProgram	Output_Conveyor			Local:2:O.Data.2
16	TAG	ConveyorProgram	PB_Conveyor		BOOL	
17	TYPE	SCOPE	NAME	DESCRIPTION	DATATYPE	SPECIFIER
18	TAG	MainProgram	Output_Light			Local:2:O.Data.1
19	TAG	MainProgram	PB		BOOL	

步骤一: 于 **[Structure Editor]** -> **[User-Defined]** 按下鼠标右键 **[新增数据类型]**.

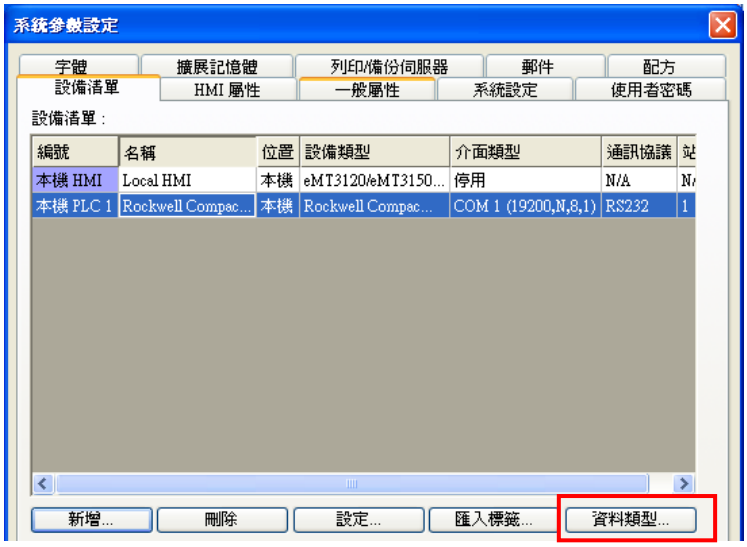


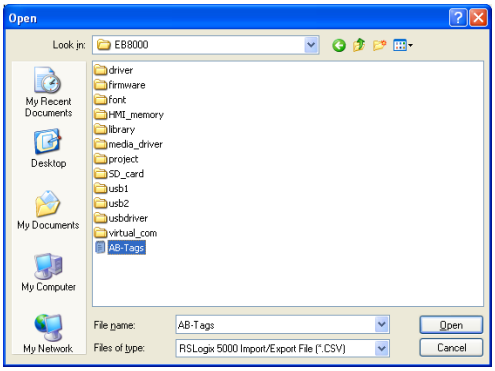
步骤二: 请依序建置 Program Tag 成员后,按 **[确定]** -> **[储存]** -> **[离开]** 储存并离开编辑窗口.

TYPE	SCOPE	NAME	DESCRIPTION	DATATYPE	SPECIFIER
ALIAS	ConveyorProgram	Output_Conveyor			Local:2:O.Data.2
TAG	ConveyorProgram	PB_Conveyor		BOOL	
TYPE	SCOPE	NAME	DESCRIPTION	DATATYPE	SPECIFIER
ALIAS	MainProgram	Output_Light			Local:2:O.Data.1
TAG	MainProgram	PB		BOOL	



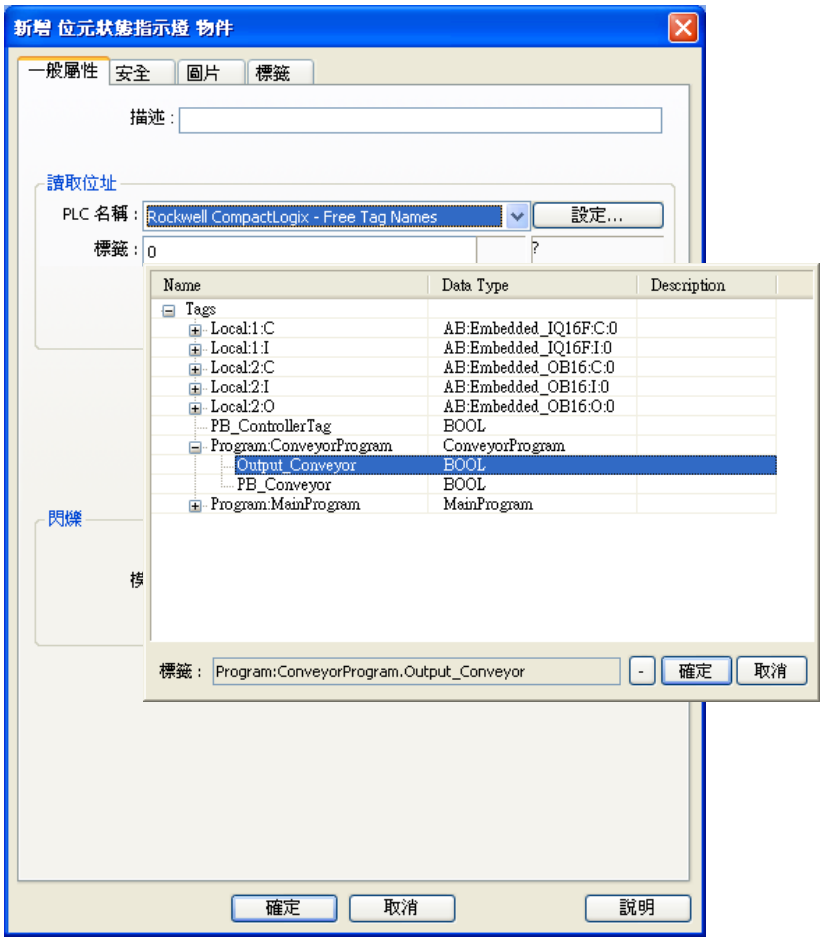
6. 在 **[系统参数设定]** 中,点选 **[汇入卷标]** 按钮,选择汇入的 CSV 档案,成功汇入会有提示窗口.







7. 在对象对话窗,选择 PLC 卷标地址.



设备类型:

PLC 数据型态名称	字符/位	EasyBuilder 数据格式	注释
BOOL	Boolean	Bit object	
BitArray			
SINT			
INT	Integer	16-bit signed, ASCII	-32768 ~ 32767
DINT	Double Integer	32-bit signed	-2^{31} ~ (2^{31}-1)
REAL	Single Precision Float	32-bit Float	IEEE 754

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.10	Aug/25/2010	

Rockwell EtherNet/IP (ControlLogix) – Free Tag Names

支持系列: Rockwell ControlLogix, CompactLogix, FelxLogix Ethernet.

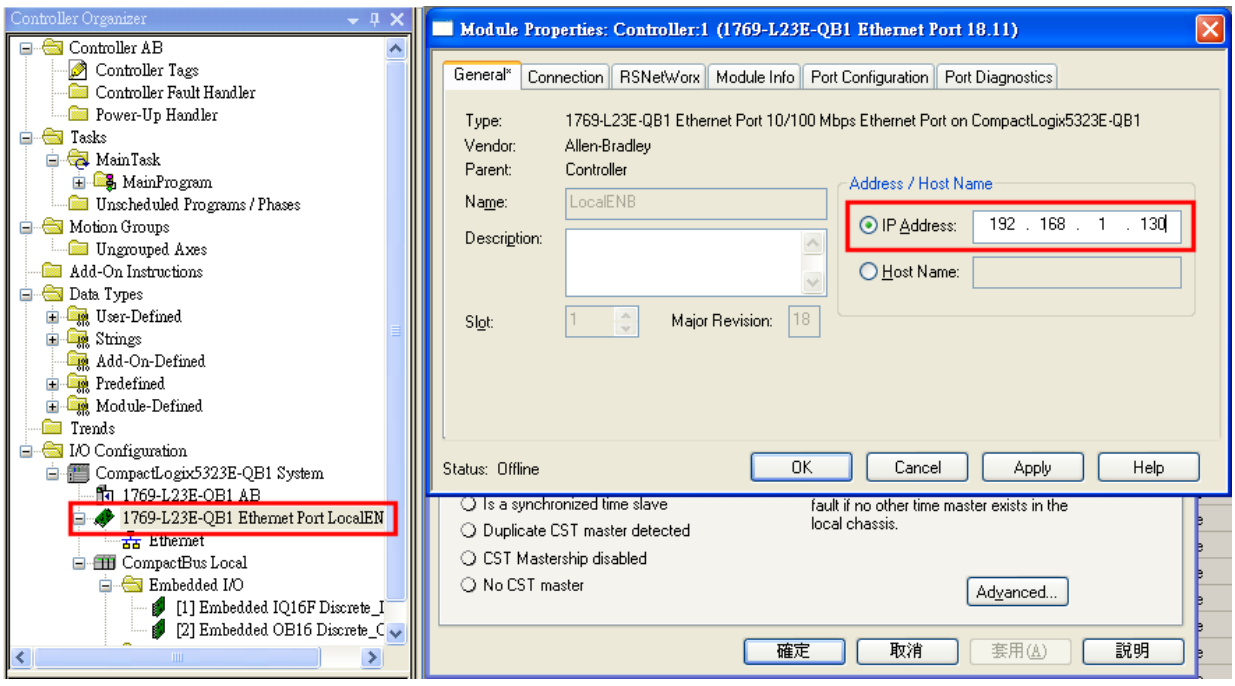
网站: http://www.ab.com

HMI 设定

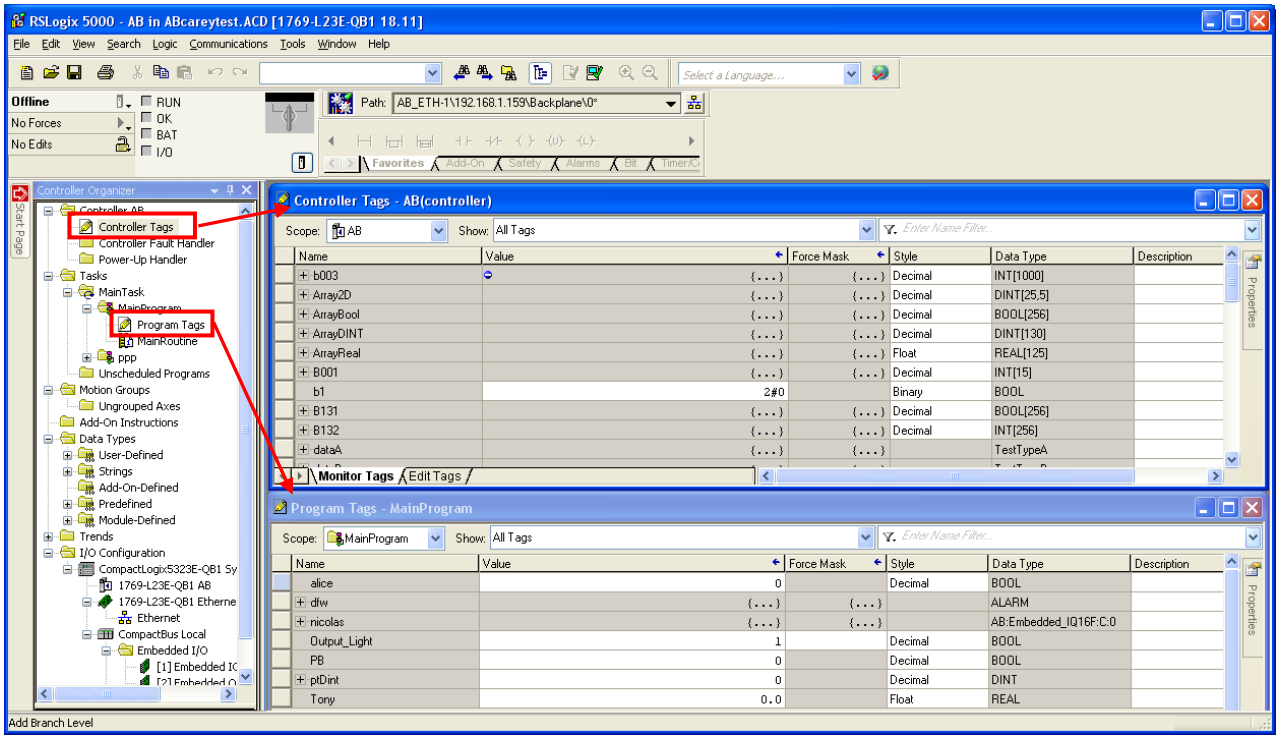
参数设定	推荐	选项	注释
PLC 类型	Rockwell EtherNet/IP (ControlLogix) – Free Tag Names		
PLC 界面	Ethernet		
端口	44818		
PLC 站号	The same as CPU Slot No.		

PLC 设定:

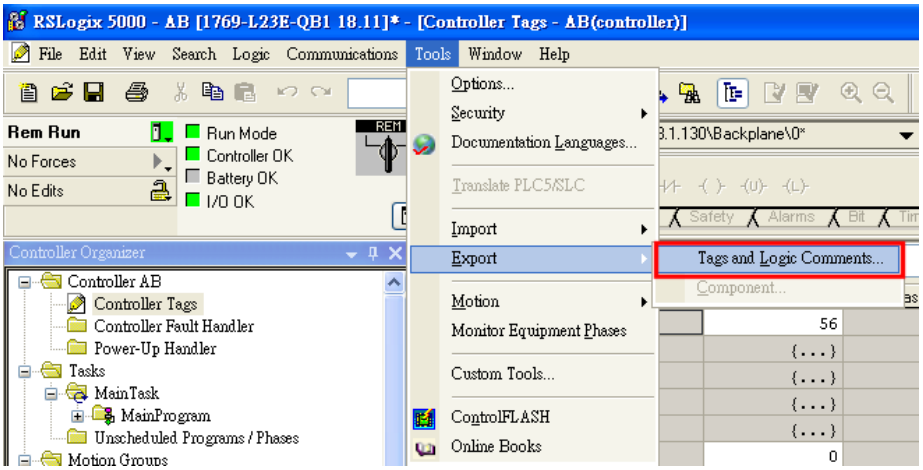
1. 设定 PLC 网络地址.



2. 新增标签.(支援 Controller Tags 和 Program Tags)



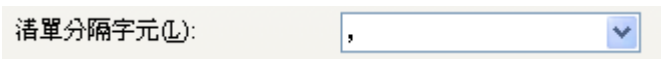
3. 导出卷标数据为 CSV 档案.(Tools -> Export -> Tags and Logic Comments)



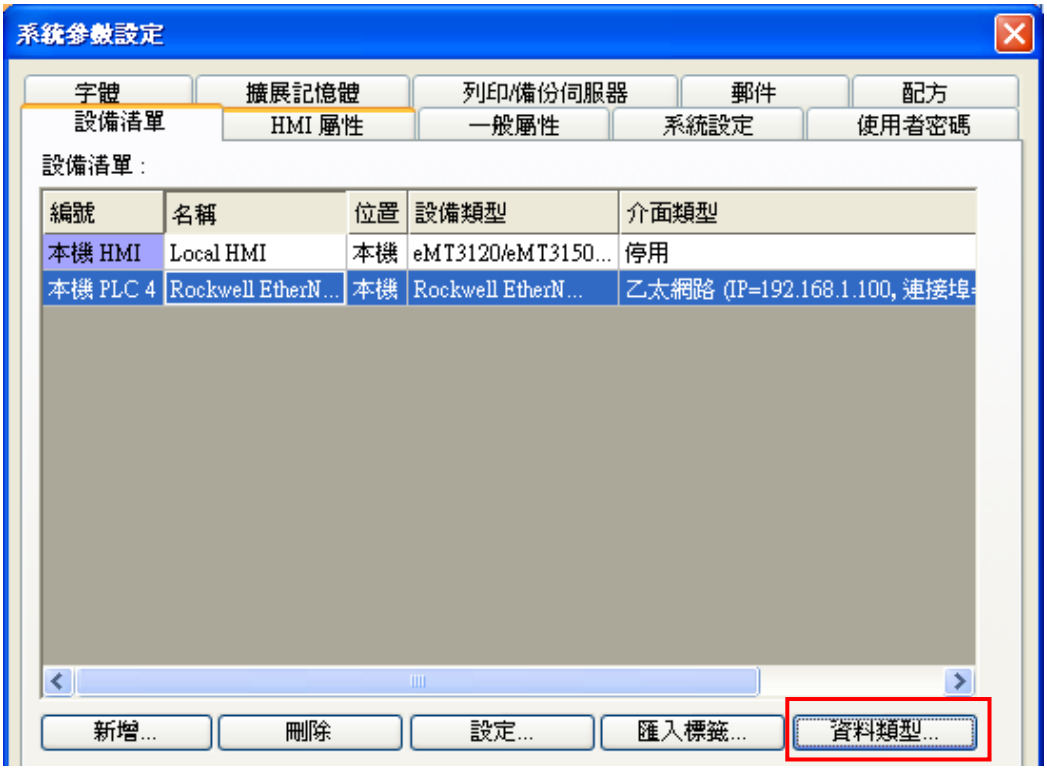
注意:导出的 CSV 档案的分隔字符必需是”，“,否则可能导致无法正常的使用.

TAG		B003		INT[20]	(RADIX := Decimal, PLCMappingFile := 3, Constant := false, ExternalAccess := Read/Write)
TAG		B012		INT[32]	(RADIX := Decimal, PLCMappingFile := 12, Constant := false, ExternalAccess := Read/Write)
TAG		B015		BOOL	(RADIX := Binary, Constant := false, ExternalAccess := Read/Write)

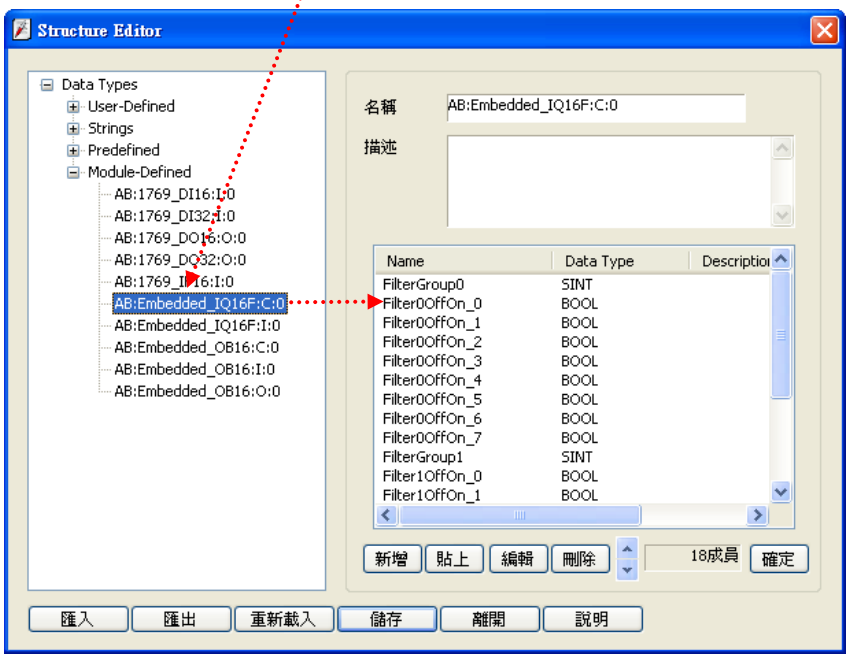
变更系统设定路径为 **控制面板->地区及语言选项->标准及格式->自定义->列表分隔字符**, 将设定改成”，“,变更成功后再汇出 CSV 档案



4. 开启 EasyBuilder 项目,挑选驱动并设定网络地址完成后,点选 **[数据类型]** 开启 **[Structure Editor]**,建立 Tag 的数据结构.



TYPE	SCOPE	NAME	DESCRIPTION	DATATYPE	SPECIFIER	ATTRIBUTES
TAG		Local:1:C		AB:Embedded_IQ16F:C:0		
TAG		Local:1:I		AB:Embedded_IQ16F:I:0		
TAG		Local:2:C		AB:Embedded_OB16:C:0		
TAG		Local:2:I		AB:Embedded_OB16:I:0		
TAG		Local:2:O		AB:Embedded_OB16:O:0		



5. 从 **[Structure Editor]** 建立 **[Program Tag]** 的数据结构.

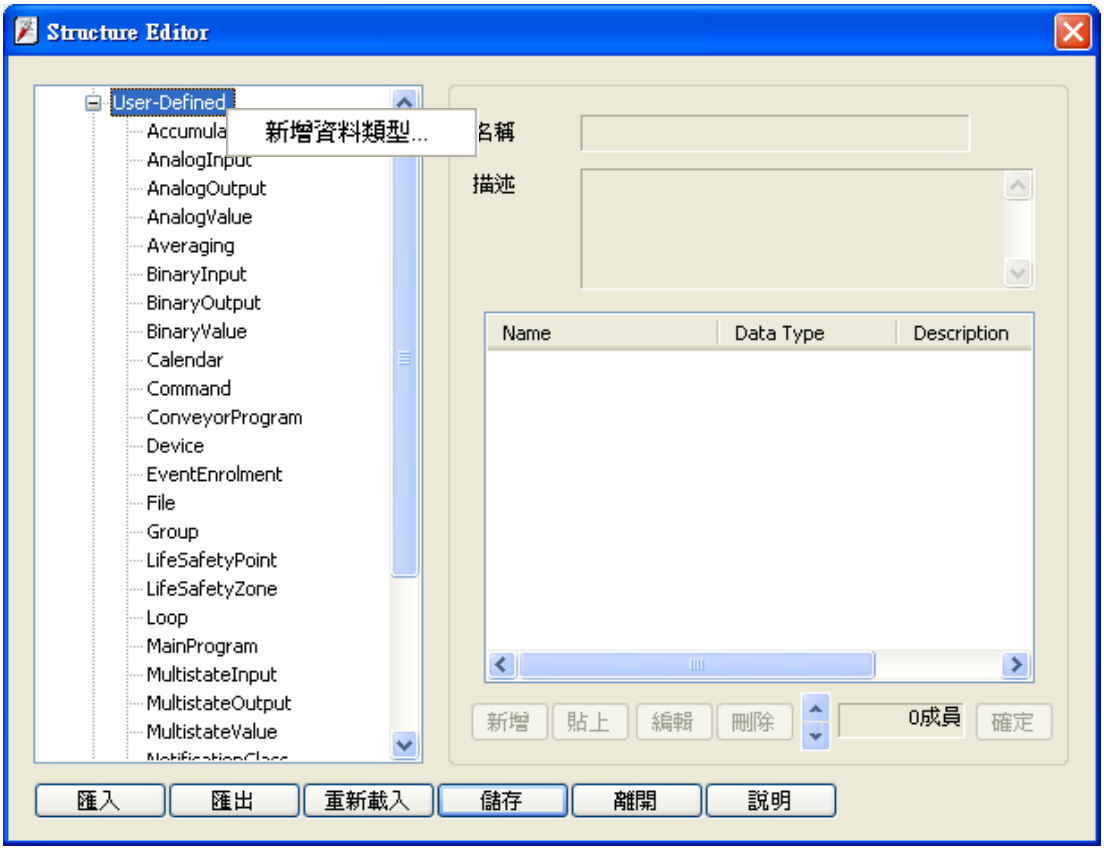
汇入的 CSV 档案如下:

注: EasyBuilder Pro V3.00.05 和 EasyBuilder 8000 V4.68.08 以后的版本新增 Program Tag 自动对应功能,无需手动编辑,请忽略此点步骤,直接进行第 6 点.

7	TYPE	SCOPE	NAME	DESCRIPTION	DATATYPE	SPECIFIER
8	TAG		Local:1:C		AB:Embedded_IQ16F:C:0	
9	TAG		Local:1:I		AB:Embedded_IQ16F:I:0	
10	TAG		Local:2:C		AB:Embedded_OB16:C:0	
11	TAG		Local:2:I		AB:Embedded_OB16:I:0	
12	TAG		Local:2:O		AB:Embedded_OB16:O:0	
13	TAG		PB_ControllerTag		BOOL	
14	TYPE	SCOPE	NAME	DESCRIPTION	DATATYPE	SPECIFIER
15	TAG	ConveyorProgram	Output_Conveyor			Local:2:O.Data.2
16	TAG	ConveyorProgram	PB_Conveyor		BOOL	
17	TYPE	SCOPE	NAME	DESCRIPTION	DATATYPE	SPECIFIER
18	TAG	MainProgram	Output_Light			Local:2:O.Data.1
19	TAG	MainProgram	PB		BOOL	

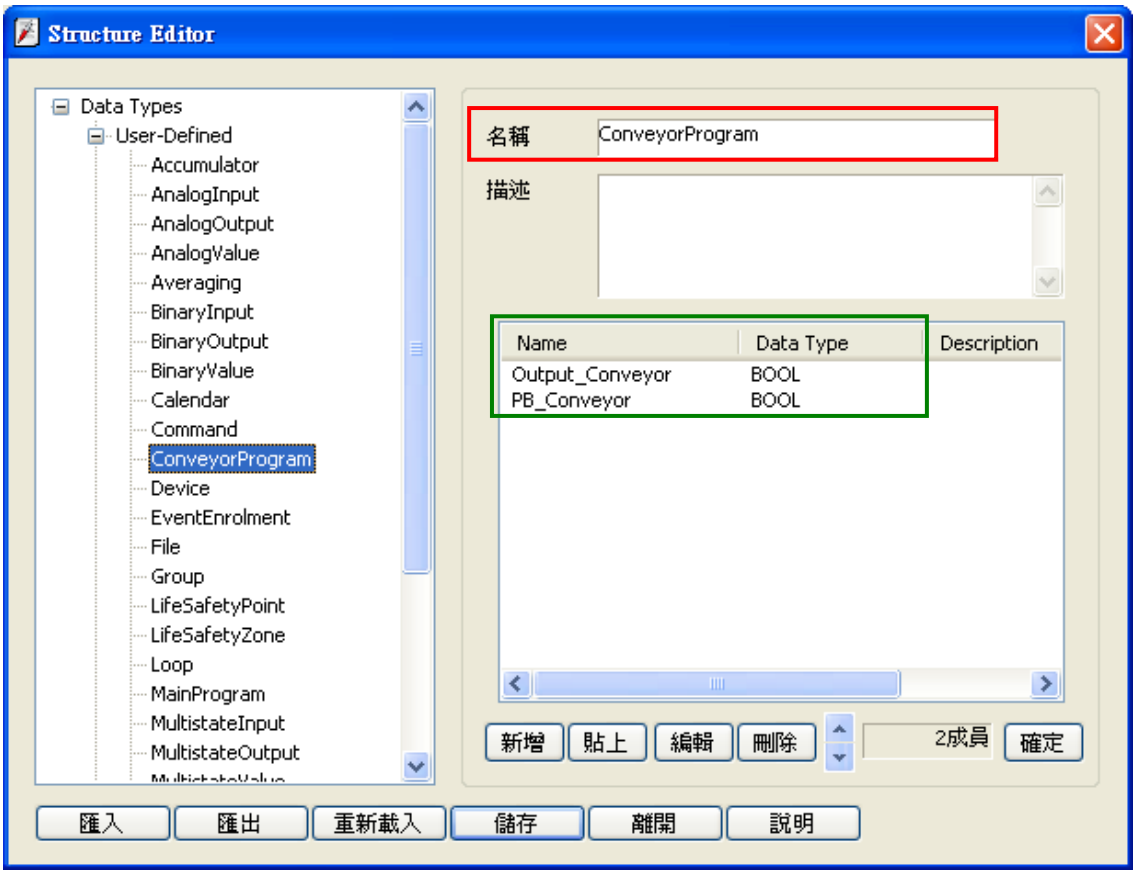
注: EasyBuilder Pro V3.00.05 和 EasyBuilder 8000 V3.00.05 以后的版本新增 Program Tag 自动对应功能,无需手动编辑,请忽略此点步骤直接进行第 6 点.

步骤一: 于 **[Structure Editor]** -> **[User-Defined]** 按下鼠标右键 **[新增数据类型]**.

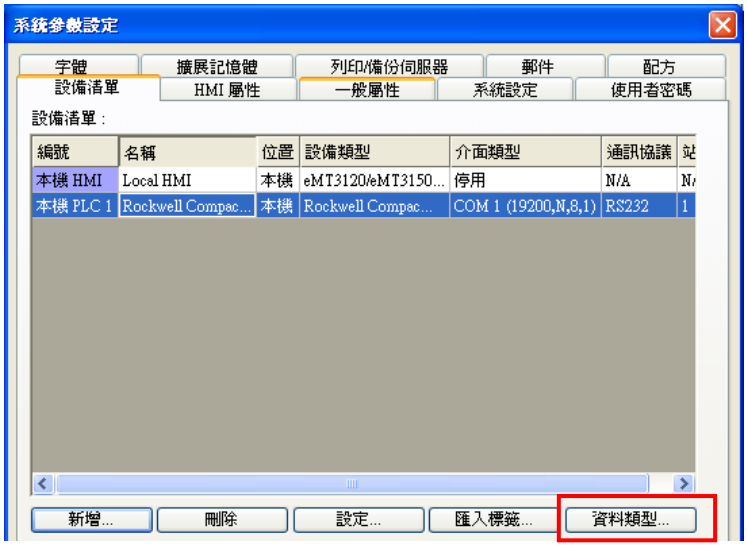


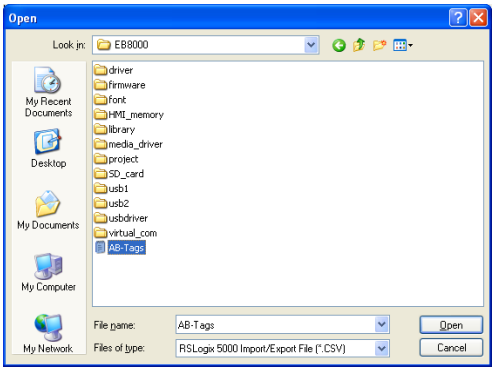
步骤二: 请依序建置 Program Tag 成员后,按 **[确定]** -> **[储存]** -> **[离开]** 储存并离开编辑窗口.

TYPE	SCOPE	NAME	DESCRIPTION	DATATYPE	SPECIFIER
ALIAS	ConveyorProgram	Output_Conveyor			Local:2:O.Data.2
TAG	ConveyorProgram	PB_Conveyor		BOOL	
TYPE	SCOPE	NAME	DESCRIPTION	DATATYPE	SPECIFIER
ALIAS	MainProgram	Output_Light			Local:2:O.Data.1
TAG	MainProgram	PB		BOOL	



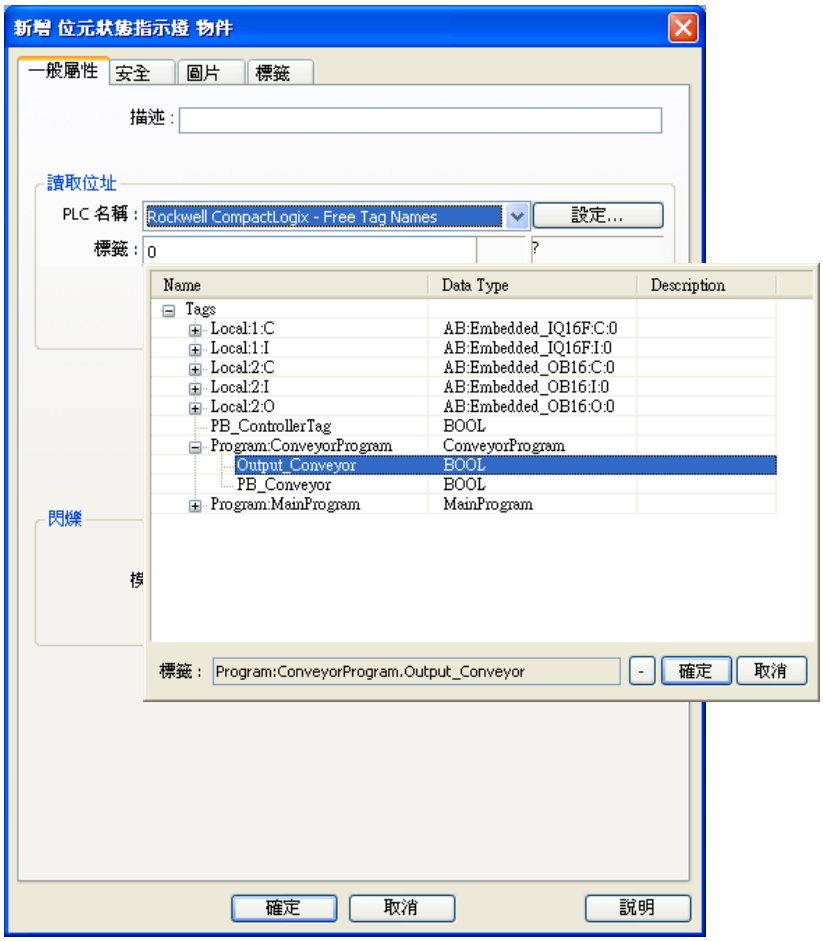
6. 在 **[系统参数设定]** 中,点选 **[汇入卷标]** 按钮,选择汇入的 CSV 档案,成功汇入会有提示窗口.







7. 在对象对话窗,选择 PLC 卷标地址.



设备类型:

PLC 数据型态名称	字符/位	EasyBuilder Data 格式	注释
BOOL	Boolean	Bit object	
BitArray			
SINT			
INT	Integer	16-bit signed, ASCII	-32768 ~ 32767
DINT	Double Integer	32-bit signed	-2^{31} ~ (2^{31}-1)
REAL	Single Precision Float	32-bit Float	IEEE 754

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.10	Oct/05/2010	

Rockwell EtherNet/IP (DF1)

支持系列: Rockwell MicroLogix 1100, 1400, SLC5/05 Ethernet port.
MicroLogix1000, 1200, 1500, SLC 5/03, 5/04 with 1761-NET-ENI

网站: http://www.ab.com

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	Rockwell EtherNet/IP (DF1)		
PLC 界面	Ethernet		
端口	44818		
HMI st no.	0		
PLC 站号	1		

PLC 设定:

通讯模式	Port 设定: 10/100 Mbps Full Duplex/Half Duplex

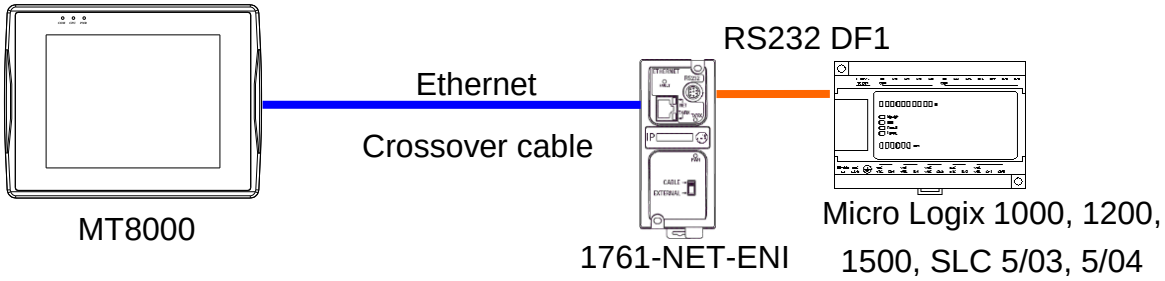
设备类型:

字符/位	设备类型	格式	范围	注释
B	I1	DDDdd	0 ~ 25515	Input (I)
B	O0	DDDdd	0 ~ 25515	Output (O)
B	B3	DDDdd	0 ~ 25515	Bit data file (B3)
B	S_Bit	DDDDDDdd	0 ~ 25525515	Status file
B	Bfn	FFFDDDdd	0 ~ 25525515	Bit data file (B3, 10 ~ 254)
B	NfnBit	FFFDDDdd	0 ~ 25525515	Integer data file bit level (N7, 10 ~ 254)
W	T4SV	DDD	0 ~ 255	Timer Preset Value (T4)
W	T4PV	DDD	0 ~ 255	Timer Accumulator Value (T4)
W	C5SV	DDD	0 ~ 255	Counter Preset Value (C5)
W	C5PV	DDD	0 ~ 255	Counter Accumulator Value (C5)
W	TfnSV	FFFDDD	0 ~ 255255	
W	TfnPV	FFFDDD	0 ~ 255255	
W	CfnSV	FFFDDD	0 ~ 255255	
W	CfnPV	FFFDDD	0 ~ 255255	

字符/位	设备类型	格式	范围	注释
W	S	DDD	0 ~ 255	
W	N7	DDD	0 ~ 255	Integer data file (N7)
W	Nfn	FFFDDD	0 ~ 255255	Integer data file (N7, 10 ~ 254)
DW (F)	F8	DDD	0 ~ 255	Floating point data file (F8)
DW (F)	Ffn	FFFDDD	0 ~ 255255	Floating point data file(F8, 10 ~ 254)
DW	Lfn	FFFDDD	0 ~ 255255	支持 Driver version 2.00 或更新版本
W	STfn	DDD.DDD.DD	0 ~ 255.255.40	

接线图:

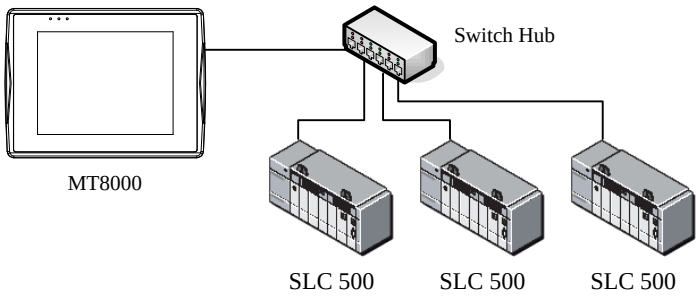
直连网络线 (跳接网络线):



HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:



HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V2.00	Dec/21/2009	增加缓存器 : Lfn.
V2.10	Oct/14/2012	增加缓存器 : I1n,O0n.
V2.20	Set/06/2013	增加缓存器 : STfn.

Rockwell PLC5

网站: http://www.ab.com
注释: Rockwell PLC5 驱动程序是使用 CRC 的检查码。

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	Rockwell PLC5		
PLC 界面	RS232		
传输速率	19200	9600, 19200	
校验	Even	Even, Odd, None	
数据位	8	8	
停止位	1	1	
HMI 站号	0		
PLC 站号	1	1-31	

PLC 设定:

通讯模式	DF1 Full Duplex protocol 19200, None, 8, 1 (预设)

Allen-Bradley PLC-5 Family PLCs 使用 the DF1 Full Duplex 通讯协议.
在 PLC-5/10、PLC-5/15 和 PLC-5/25 机型中，HMI 应该被连接到 1785-KE 模块的 DF1 端口; 如果是 PLC-5/11、PLC-5/20、PLC-5/30 和 PLC-5/40 机型，HMI 应该被连接到 PLC 的 Channel 0 端口。

设备类型:

字符/位	设备类型	格式	范围	注释
B	I1	DDDdd	0 ~ 25515	Input (I)
B	O0	DDDdd	0 ~ 25515	Output (O)
B	B3	DDDdd	0 ~ 99915	Bit data file (B3)
B	B10 ~ 13	DDDdd	0 ~ 99915	Bit data file (B10 ~ 13)
B	S_Bit	DDDDDDdd	0 ~ 25599915	
B	Bfn	FFFDDDdd	0 ~ 25599915	
B	NfnBit	FFFDDDdd	0 ~ 25599915	
W	T4SV	DDD	0 ~ 999	Timer Preset Value (T4)
W	T4PV	DDD	0 ~ 999	Timer Accumulator Value (T4)

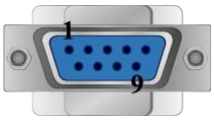
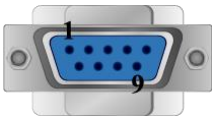
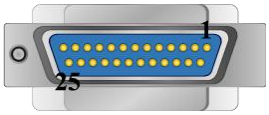
字符/位	设备类型	格式	范围	注释
W	C5SV	DDD	0 ~ 999	Counter Preset Value (C5)
W	C5PV	DDD	0 ~ 999	Counter Accumulator Value (C5)
W	TfnSV	FFFDDD	0 ~ 255999	
W	TfnPV	FFFDDD	0 ~ 255999	
W	CfnSV	FFFDDD	0 ~ 255999	
W	CfnPV	FFFDDD	0 ~ 255999	
W	N7	DDD	0 ~ 999	Integer data file (N7)
W	N10 ~ 15	DDD	0 ~ 999	Integer data file (N10 ~ 15)
W	Nfn	FFFDDD	0 ~ 255999	Integer data file (V2.5.0 or newer)
W	S	DDD	0 ~ 255	
W	F8	DDD	0 ~ 999	Floating point data file (F8)
W	Ffn	FFFDDD	0 ~ 255999	Floating point data file (V2.5.0 or newer)

接线图:

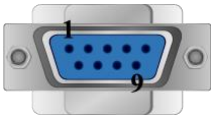
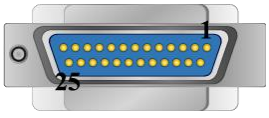
以下图表示从连接线的焊接端所视.

9P D-Sub to 25P D-Sub: PLC5 CPU CH0

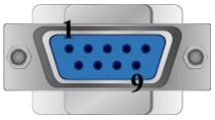
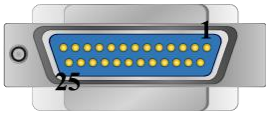
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		AB CPU CH0 RS232 25P D-Sub Male
2 RX	8 RX		3 TD
3 TX	7 TX		2 RD
5 GND	5 GND		7 GND
			

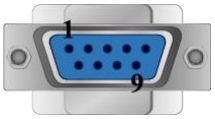
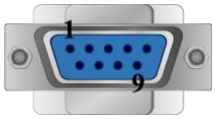
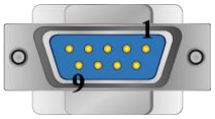
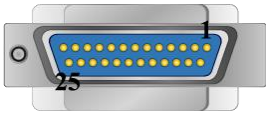
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			AB CPU CH0 RS232 25P D-Sub Male
2 RX			3 TD
3 TX			2 RD
5 GND			7 GND
			

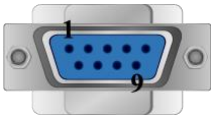
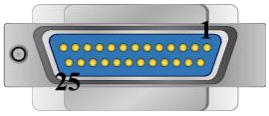
MT8000iE series

COM1 RS232 9P D-Sub Female			AB CPU CH0 RS232 25P D-Sub Male
2 RX			3 TD
3 TX			2 RD
5 GND			7 GND
			

MT6000/8000 series except MT6050i/MT8050i

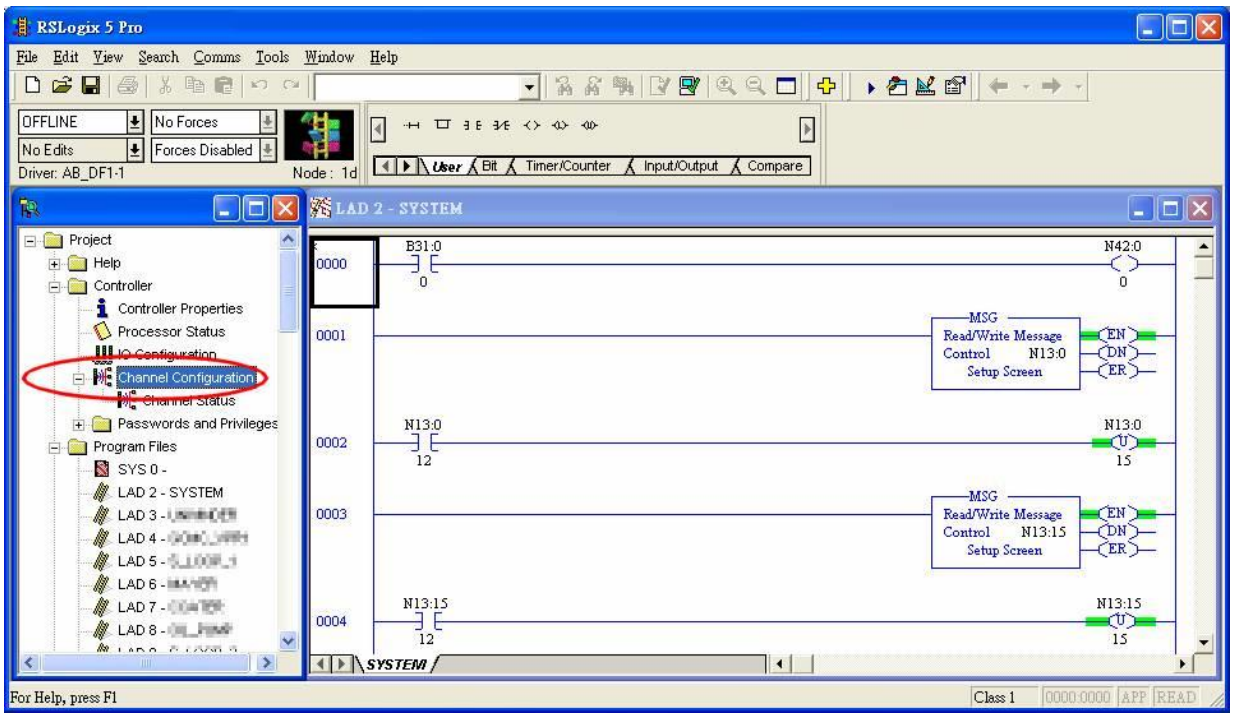
COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	AB CPU CH0 RS232 25P D-Sub Male
2 RX	6 RX	8 RX	3 TD
3 TX	4 TX	7 TX	2 RD
5 GND	5 GND	5 GND	7 GND
			

MT6050i/MT8050i

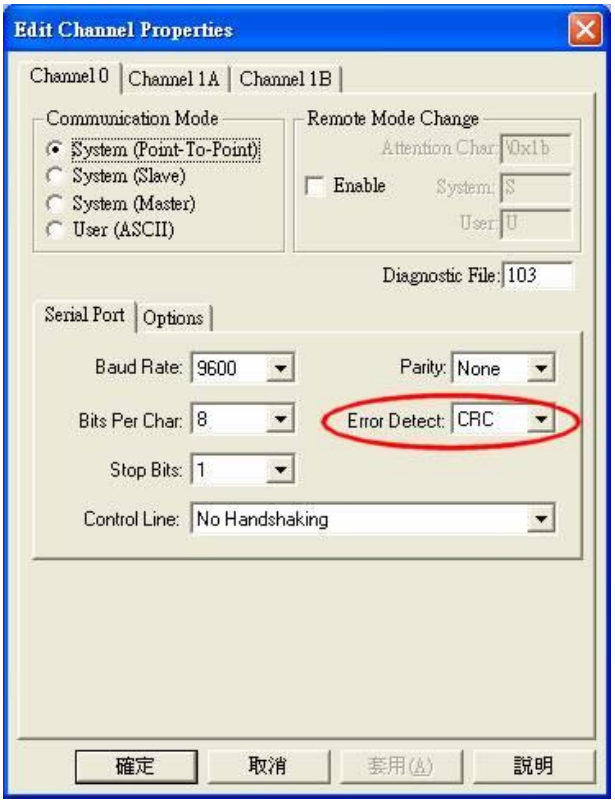
COM1 RS232 9P D-Sub Female			AB CPU CH0 RS232 25P D-Sub Male
9 RX			3 TD
6 TX			2 RD
5 GND			7 GND
			

注释:

Rockwell PLC5 预设错误检查是 BCC，但 EASYBUILDER PRO 是 CRC.



从 RSLogix5 进入 “Channel Configuration”,在 Channel 0 标签之下,请选择 Error Detect 的 CRC.



驱动版本:

版本	日期	叙述
V1.20	Apr/17/2009	

RS Automation OEMAX Series

支持系列: OEMax NX7/NX7s Controllers.

网站: http://www.rsautomation.biz/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	RS Automation OEMAX Series		
PLC 界面	RS232		
传输速率	9600	9600, 19200, 38400	
校验	None	Even, Odd, None	
数据位	8	8	
停止位	1	1	
PLC 站号	225	0 ~ 255	*需正确设定 HMI 站号

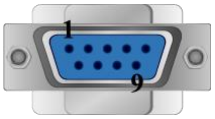
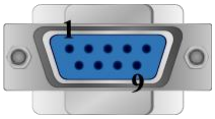
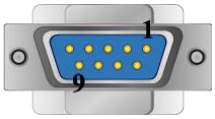
设备类型:

字符/位	设备类型	格式	范围	注释
B	R	DDDdd	0 ~ 25515	
B	L	DDDdd	0 ~ 25515	
B	M	DDDDdd	0 ~ 199915	
B	K	DDDdd	0 ~ 25515	Keep contact
B	F	DDDdd	0 ~ 99115	Special contact
B	TC	DDD	0 ~ 255	Timer/Counter
W	W	DDDD	0 ~ 7999	Data register
W	SV	DDD	0 ~ 255	Timer/Counter Set Value
W	PV	DDD	0 ~ 255	Timer/Counter Preset Value
W	SR	DDD	0 ~ 255	Special register
W	WR	DDD	0 ~ 255	
W	WL	DDD	0 ~ 255	
W	WM	DDDD	0 ~ 1999	
W	WK	DDD	0 ~ 255	
W	WF	DDD	0 ~ 991	

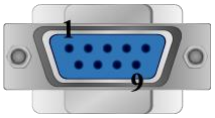
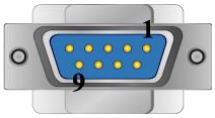
接线图:

以下图表示从连接线的焊接端所视.

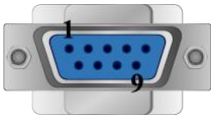
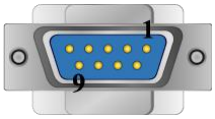
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		Port1 RS232 9P D-Sub Male
2 RX	8 RX		2 TXD
3 TX	7 TX		3 RXD
5 GND	5 GND		5 GND
			

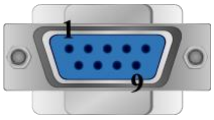
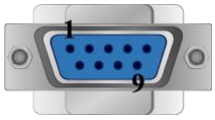
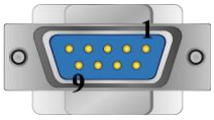
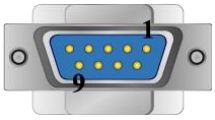
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			Port1 RS232 9P D-Sub Male
2 RX			2 TXD
3 TX			3 RXD
5 GND			5 GND
			

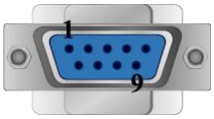
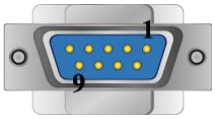
MT8000iE series

COM1 RS232 9P D-Sub Female			Port1 RS232 9P D-Sub Male
2 RX			2 TXD
3 TX			3 RXD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	Port1 RS232 9P D-Sub Male
2 RX	6 RX	8 RX	2 TXD
3 TX	4 TX	7 TX	3 RXD
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			Port1 RS232 9P D-Sub Male
9 RX			2 TXD
6 TX			3 RXD
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.00	Dec/30/2008	发布驱动程序
V1.20	Jun/27/2012	支援更多的 HMI 站号

RS Automation X8 Series

支持系列: RS-X8 系列 PLC
网站: http://www.rsautomation.biz/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	RS Automation X8 Series		
PLC 界面	RS232/Ethernet	RS232/ Ethernet	
传输速率	115200	9600~115200	
校验	8	7,8	
数据位	None	None,Even,ODD	
停止位	1	1,2	
PLC 站号	50000		必须符合 PLC 埠的设定
端口	1	0 ~ 255	

PLC 设定:

通讯模式	Xnet Slave

设备类型:

字符/位	设备类型	格式	范围	注释
B	Y_bit	DD.DDDdd	0 ~ 96.25515	Output
B	X_bit	DD.DDDdd	0 ~ 96.25515	Input
B	SR_bit	DDDdd	0 ~ 12715	Status
B	B_bit	DDDD.DDDDdd	0 ~ 1535.153515	Bit
B	N_bit	DDDD.DDDDdd	0 ~ 1535.153515	Integer
B	A_bit	DDDD.DDDDdd	0 ~ 1535.153515	ASCII
B	TM_Done	DDDD.DDDDdd	0 ~ 1535.153515	Timer_Done
B	CT_Done	DDDD.DDDDdd	0 ~ 1535.153515	Counter_Done
B	CR_Done	DDDD.DDDDdd	0 ~ 1535.153515	Control_Done
W	Y	DD.DDD	0 ~ 96.255	Output
W	X	DD.DDD	0 ~ 96.255	Input
W	SR	DDD	0 ~ 127	Status
W	B	DDDD.DDDD	0 ~ 1535.1535	Bit
W	N	DDDD.DDDD	0 ~ 1535.1535	Integer

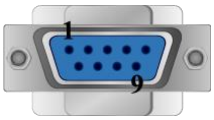
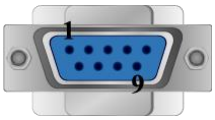
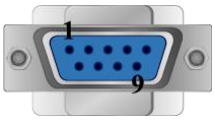
字符/位	设备类型	格式	范围	注释
W	A	DDDD.DDDD	0 ~ 1535.1535	ASCII
W	ST_Length	DDDD.DDD	0 ~ 1535.779	String_Length
W	ST_Data	DDDD.DDD.DD	0 ~ 1535.779.42	String_Data
W	CR_Length	DDDD.DDDD	0 ~ 1535.1535	Control_Length
W	CR_Pos	DDDD.DDDD	0 ~ 1535.1535	Control_Postion
W	F	DDDD.DDDD	0 ~ 1535.1535	Float
W	L	DDDD.DDDD	0 ~ 1535.1535	Long
W	TM_Preset	DDDD.DDDD	0 ~ 1535.1535	Timer_Preset
W	TM_Acc	DDDD.DDDD	0 ~ 1535.1535	Timer_Accumulator
W	CT_Preset	DDDD.DDDD	0 ~ 1535.1535	Counter_Preset
W	CT_Acc	DDDD.DDDD	0 ~ 1535.1535	Counter_Accumulator

接线图:

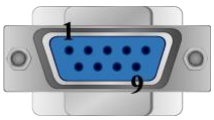
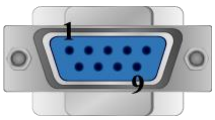
以下图表示从连接线的焊接端所视.

9P D-Sub to 9P D-Sub: 217IF-01, 218IF-01

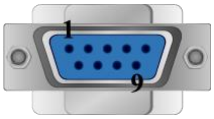
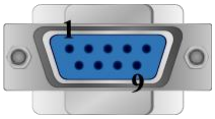
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Female
2 RX	8 RX		3TX
3 TX	7 TX		2RX
5 GND	5 GND		5GND
			

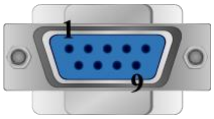
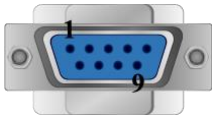
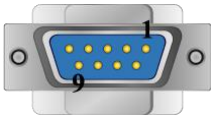
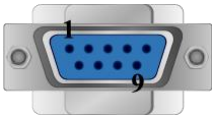
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female
2 RX			3 TX
3 TX			2 RX
5 GND			5 GND
			

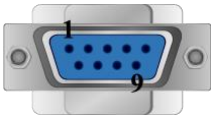
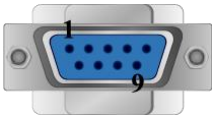
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female
2 RX			3 TX
3 TX			2 RX
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Female
2 RX	6 RX	8 RX	3TX
3 TX	4 TX	7 TX	2RX
5 GND	5 GND	5 GND	5GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female
9 RX			3TX
6 TX			2RX
5 GND			5GND
			

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.00	Oct/3/2012	发布驱动程序

SAIA PCD PGU Mode

支持系列: SAIA PCD series PGU mode.

网站:http://www.saia-burgess.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	SAIA PCD PGU Mode		PDS driver
PLC 界面	RS232	RS232, RS485	
传输速率	9600	9600, 19200	
校验	Even	Even, Odd, None	
数据位	7	7,8	
停止位	1	1	
PLC 站号	1	0-255	

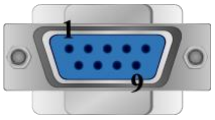
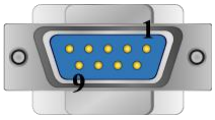
设备类型:

字符/位	设备类型	格式	范围	注释
B	Flag	DDDD	0 ~ 8191	
B	Output	DDD	0 ~ 511	
B	Input	DDD	0 ~ 511	
W	Register	DDDD	0 ~ 4095	
W	Counter	DDDD	0 ~ 1599	
W	Timer	DDDD	0 ~ 1599	
W	Reg_Float	DDDD	0 ~ 4095	support single float point
W	Reg_Word	DDDD	0 ~ 4095	

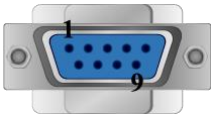
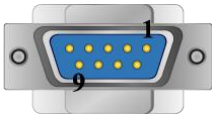
接线图:

以下图表示从连接线的焊接端所视.

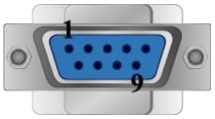
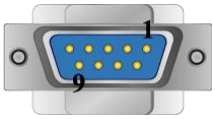
eMT3000 series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
7 RTS			6 DSR	
			7 RTS	circuit
			8 CTS	
				

MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
7 RTS			6 DSR	
			7 RTS	circuit
			8 CTS	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
7 RTS			6 DSR	
			7 RTS	circuit
			8 CTS	
				

6 DSR (Of PGU Port): PGU connected.

驱动版本:

版本	日期	叙述
V1.02	Dec/30/2008	

SAIA PCD S-BUS Mode

支持系列: SAIA PCD series S-Bus mode.

网站: http://www.saia-burgess.com/

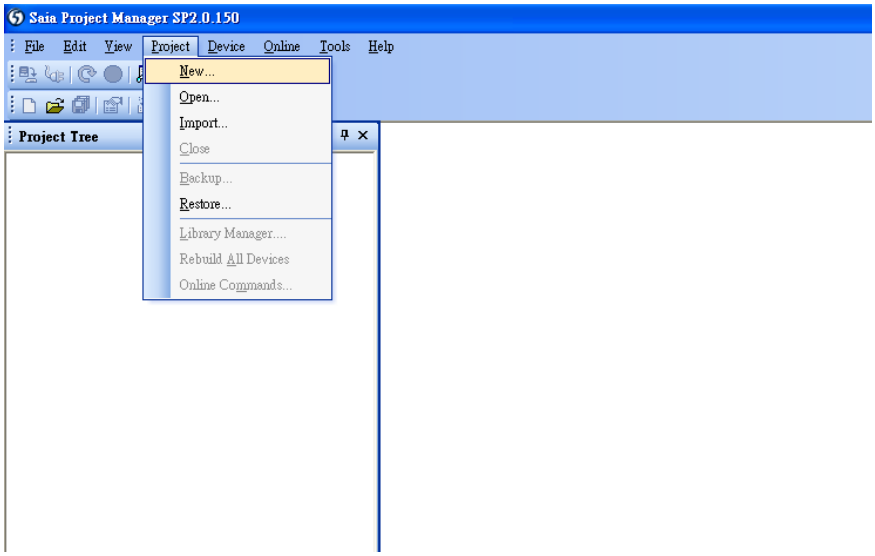
HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	SAIA PCD S-BUS Mode		PDS driver
PLC 界面	RS232	RS232, RS485	
传输速率	9600	9600, 19200, 38400	
校验	None	Even, Odd, None	
数据位	8	7,8	
停止位	1	1	
PLC 站号	0	0-255	

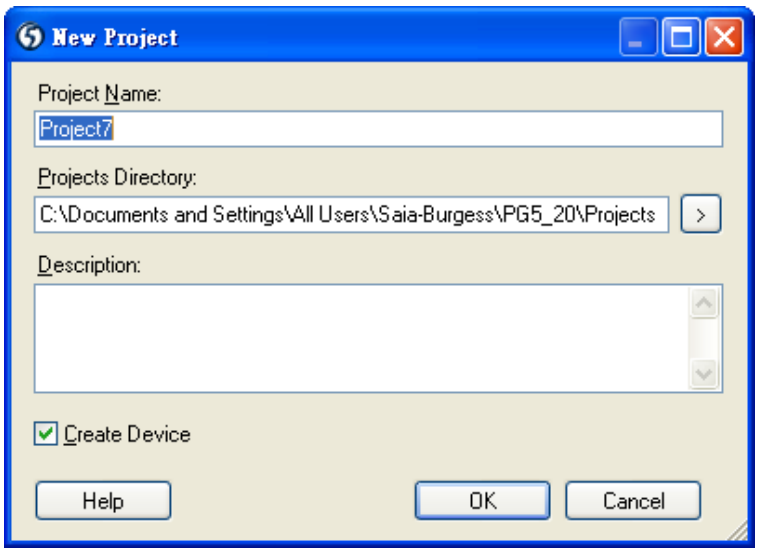
PLC 设定:

通讯模式	9600,N,8,1 (default)
RS232	Port 0-类型: RS232
RS485 2W	S-BUS Mode: Data(S2), Port 1-类型: RS485

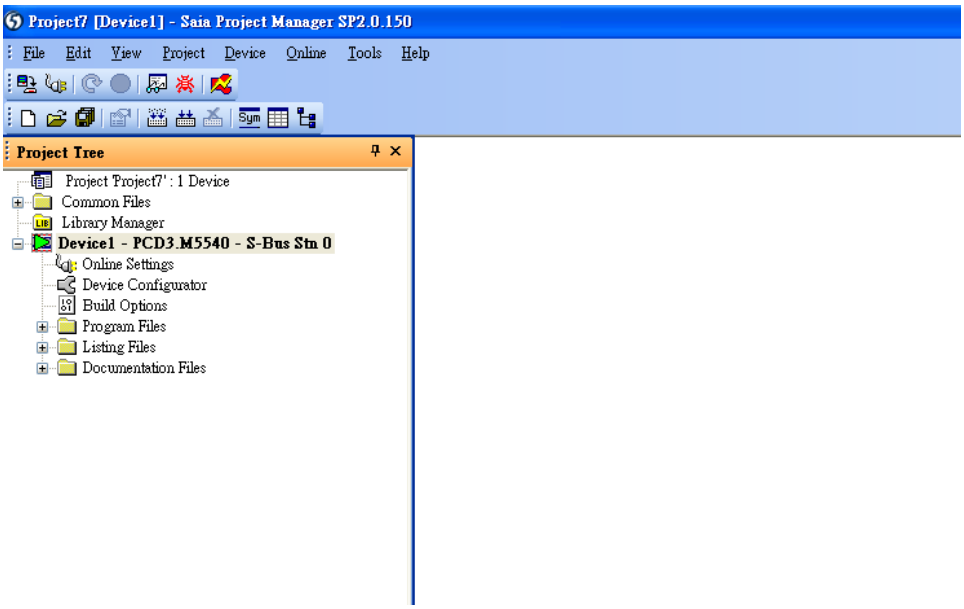
1. 开启 Saia Project Manager SP2.0.150 并建立一个新工程档案。



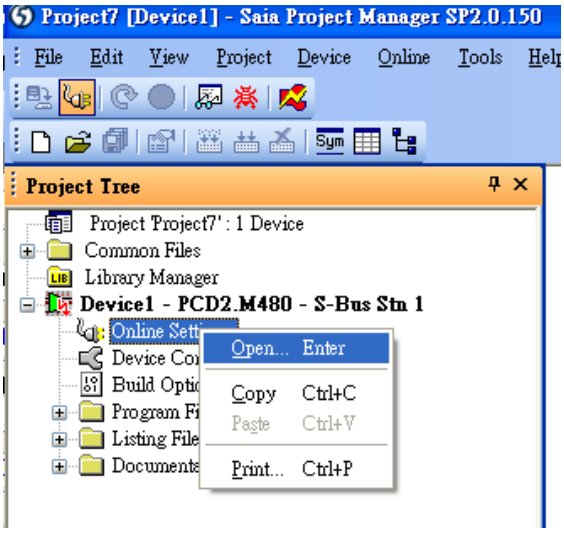
2. 自定义一个工程文件名。



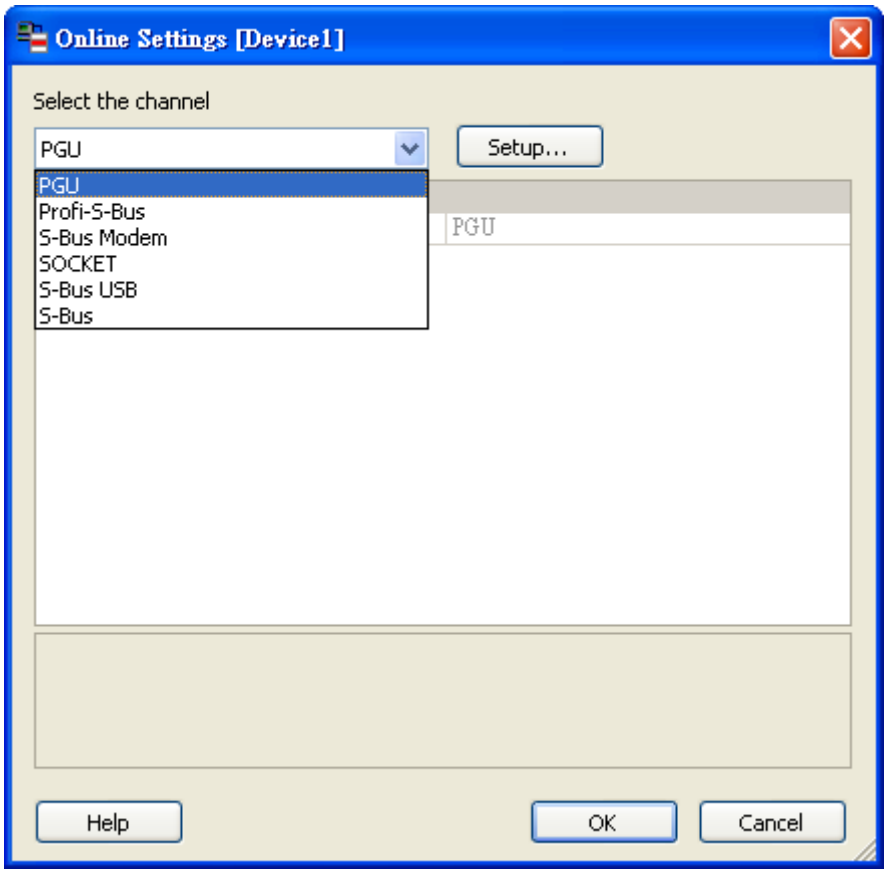
3. 参照下图所示建立新工程档案：



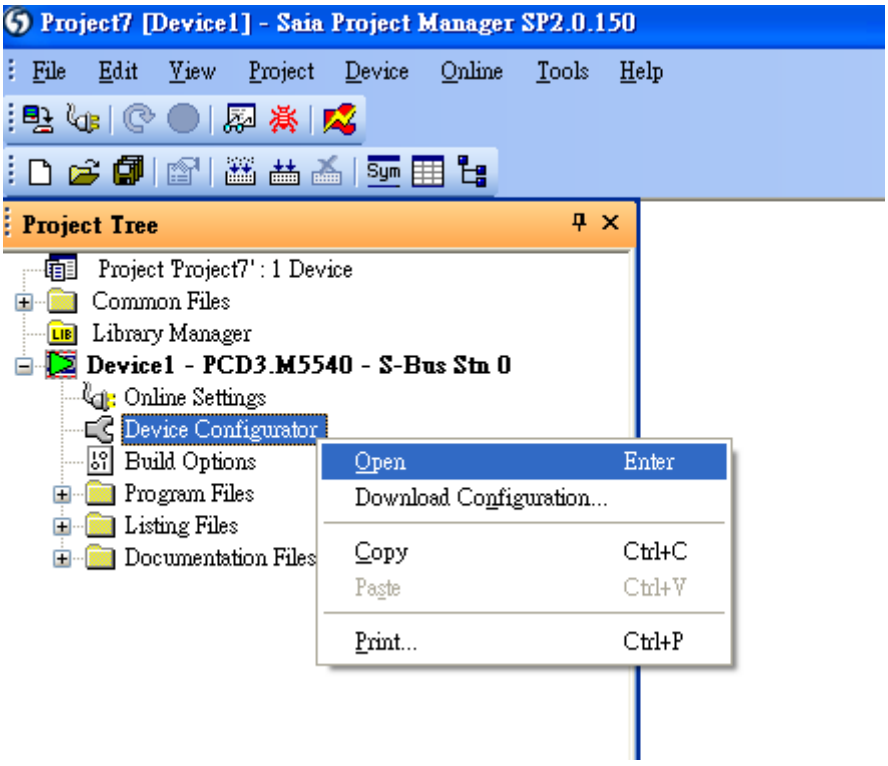
4. 点击 Online 设定



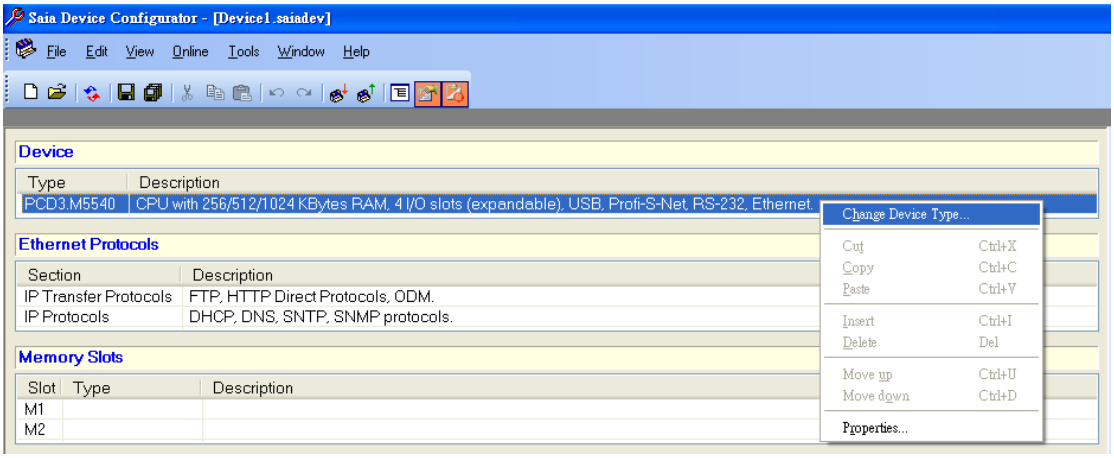
5. 选择 PGU

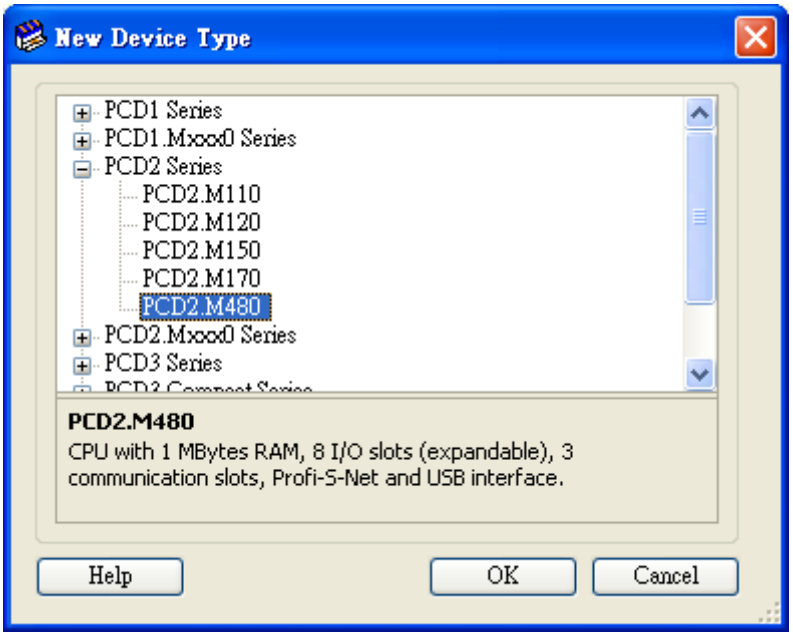


6. 点击 ”设备 Configurator”

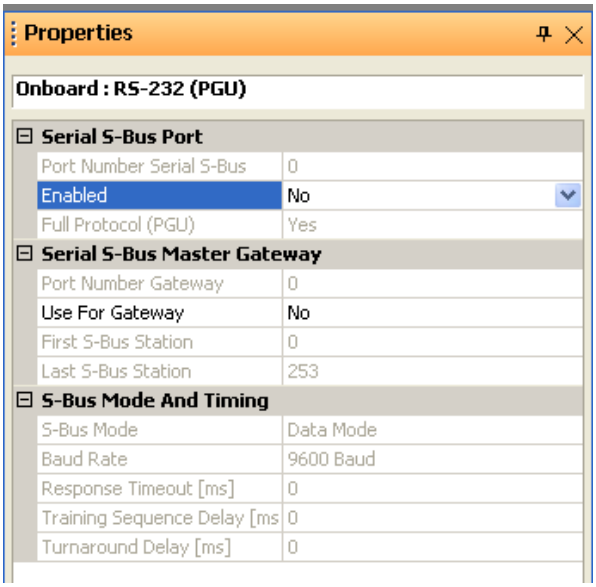


7. 点击 ”Change 设备 类型”来选择欲使用的 PLC 型号。

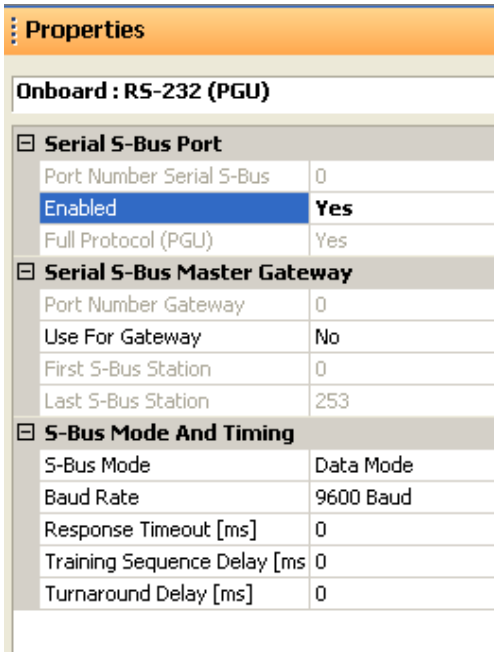




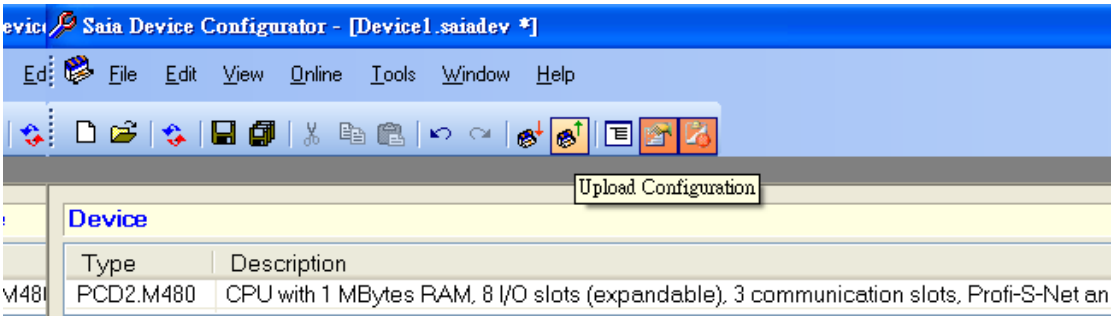
8. 设备型态选择 RS232 (PGU) 并在 Onboard Communications 点击鼠标右键并选择” Properties”。

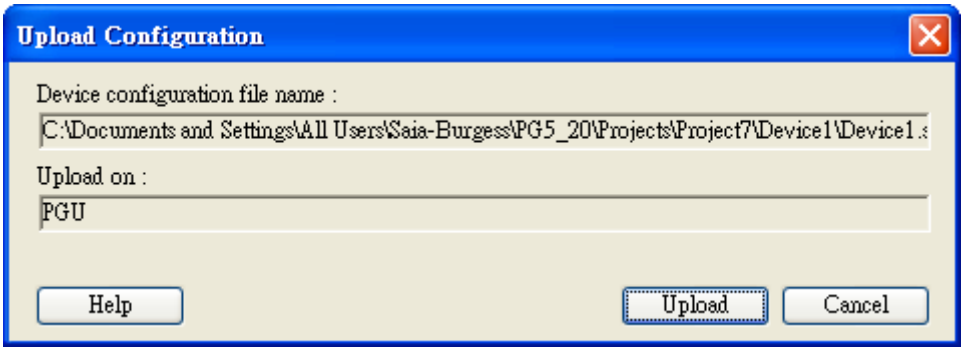


9. 在 Series S-Bus Port: Enabled 选择 Yes。

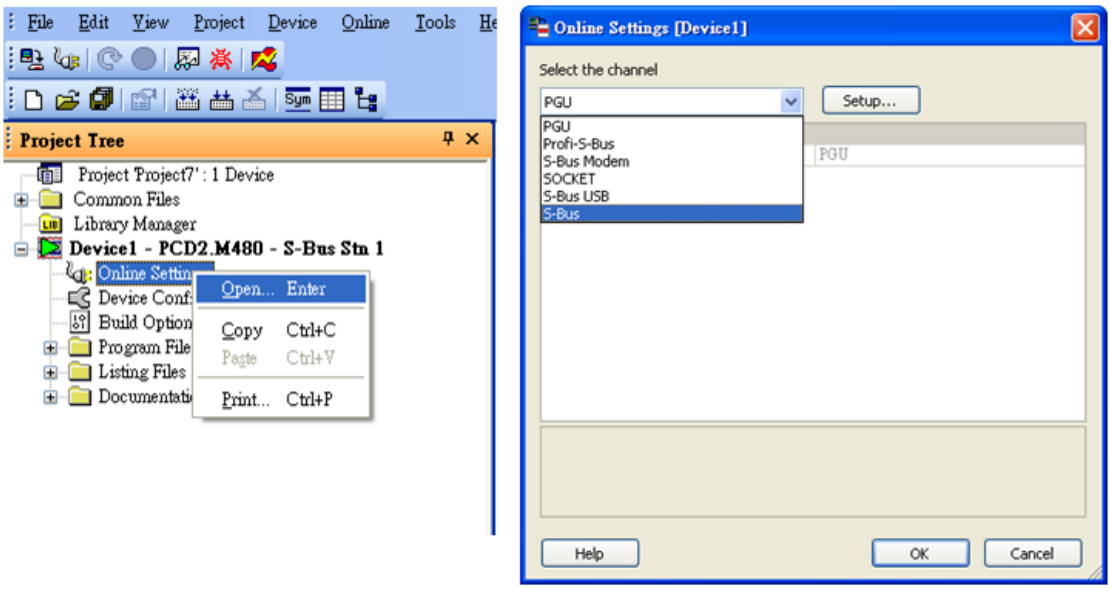


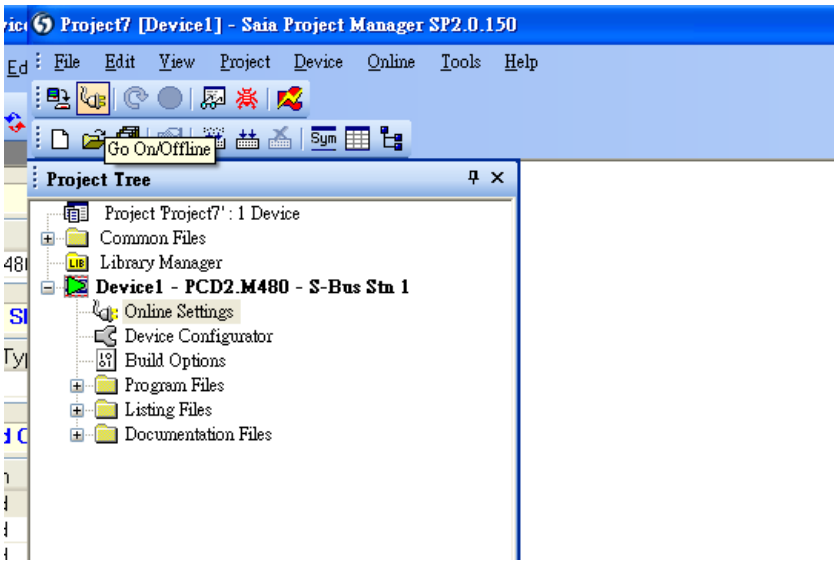
10. 设定 S-Bus Mode and Timing 中的各项参数，并上传至 PLC。





11. 至 Online Settins >> Open 选择 S-Bus 来完成 PLC 设定。





设备类型:

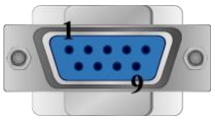
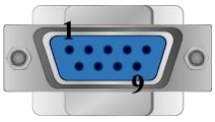
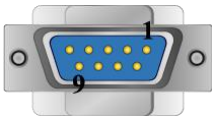
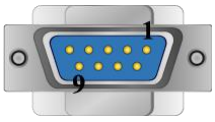
字符/位	设备类型	格式	范围	注释
B	Flag	DDDD	0 ~ 8191	
B	Output	DDDD	0 ~ 1023	
B	Input	DDDD	0 ~ 1023	
B	Reg_Bit	DDDDdd	0 ~ 1638331	dd: Bit no. (00~31)
DW	Register	DDDDD	0 ~ 16383	
DW	Counter	DDDD	0 ~ 1599	
DW	Timer	DDDD	0 ~ 1599	
DW	Reg_Float	DDDDD	0 ~ 16383	support single float point
DW	DBn	DDDDDDDDD	0 ~ 536016383	

接线图:

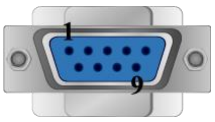
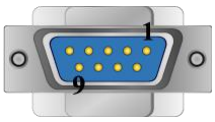
以下图表示从连接线的焊接端所视.

SAIA PCD PGU Port

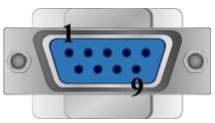
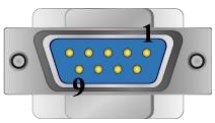
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male	
2 RX	8 RX		3 TXD	
3 TX	7 TX		2 RXD	
5 GND	5 GND		5 GND	
			7 RTS	circuit
			8 CTS	
				

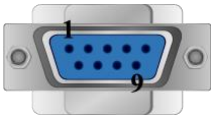
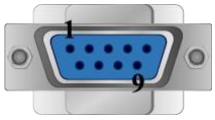
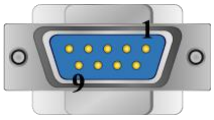
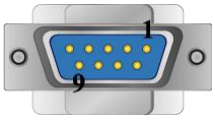
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

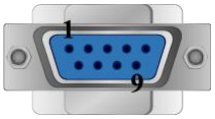
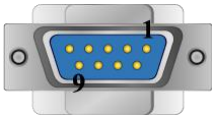
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male	
2 RX	6 RX	8 RX	3 TXD	
3 TX	4 TX	7 TX	2 RXD	
5 GND	5 GND	5 GND	5 GND	
			7 RTS	circuit
			8 CTS	
				

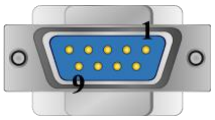
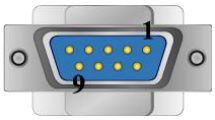
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
9 RX			3 TXD	
6 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

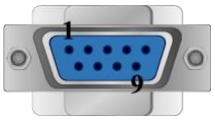
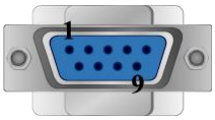
以下图表示从连接线的焊接端所视.

SAIA PCD1 Port #1 (Port #0) Terminal

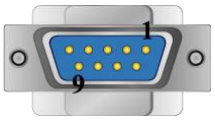
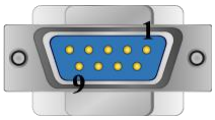
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		SAIA PCD1 Port #1 (Port #0) Terminal
1 RX-	6 Data-		11 (29)
2 RX+	9 Data+		12 (28)
5 GND	5 GND		
			

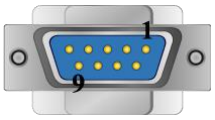
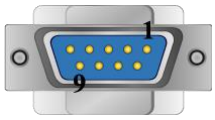
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		SAIA PCD1 Port #1 (Port #0) Terminal
7 RX-	4 Data-		11 (29)
6 RX+	1 Data+		12 (28)
5 GND	5 GND		
			

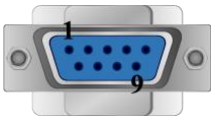
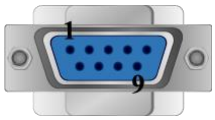
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		SAIA PCD1 Port #1 (Port #0) Terminal
1 RX-	7 Data-		11 (29)
2 RX+	8 Data+		12 (28)
5 GND	9 GND		
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		SAIA PCD1 Port #1 (Port #0) Terminal
1 RX-	6 Data-		11 (29)
2 RX+	9 Data+		12 (28)
5 GND	5 GND		
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		SAIA PCD1 Port #1 (Port #0) Terminal
1 RX-	7 Data-		11 (29)
2 RX+	8 Data+		12 (28)
5 GND	5 GND		
			

驱动版本:

版本	日期	叙述
V1.40	Jun/21/2012	增加 DBn 地址型态

SAIA S-BUS (Ethernet)

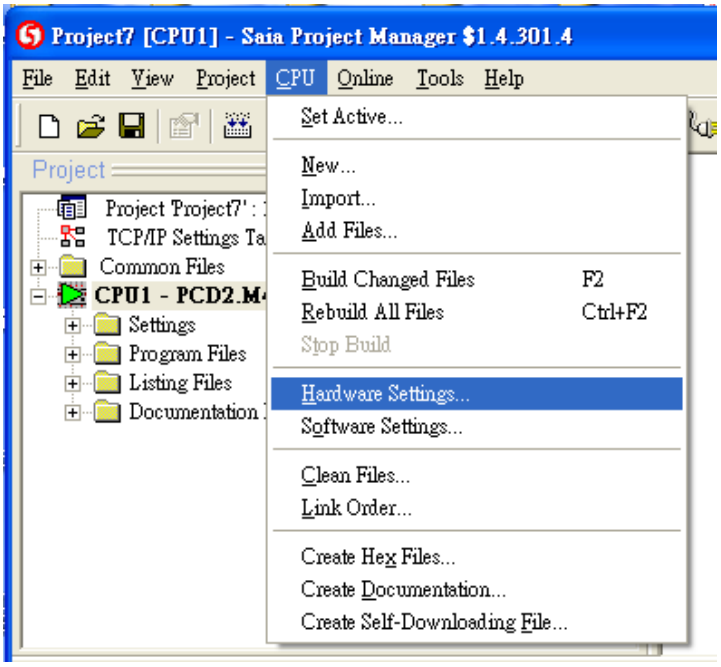
支持系列: SAIA PCD series Ethernet-TCP/IP.

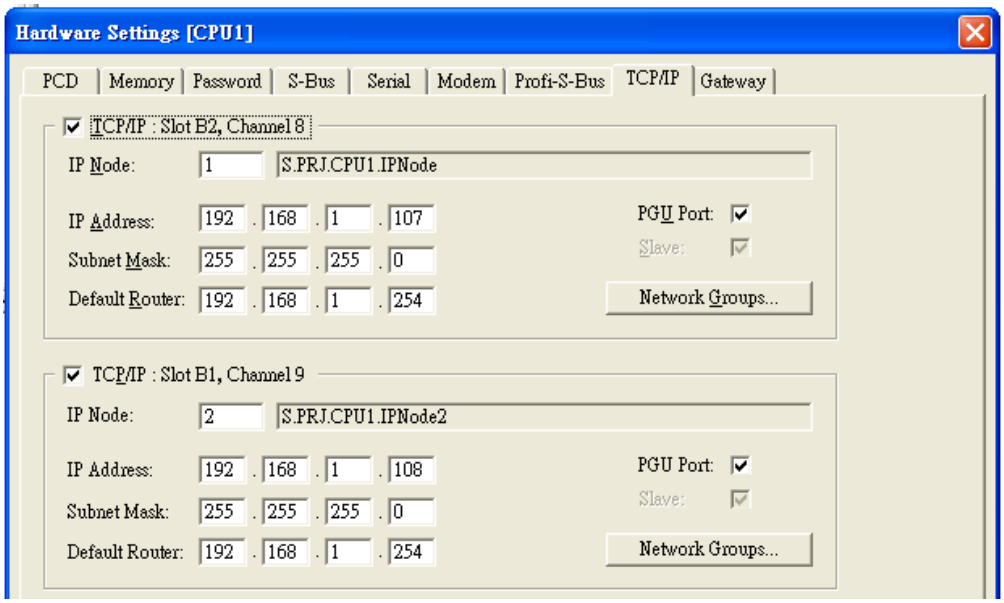
网站: http://www.saia-burgess.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	SAIA S-BUS (Ethernet)		
PLC 界面	Ethernet		
端口	5050		
PLC 站号	0		

PLC 设定:





设备类型:

字符/位	设备类型	格式	范围	注释
B	Flag	DDDD	0 ~ 8191	
B	Output	DDDD	0 ~ 1023	
B	Input	DDDD	0 ~ 1023	
B	Reg_Bit	DDDDdd	0 ~ 1638331	dd: Bit no. (00 ~ 31)
B	DBn_Bit	DDDDDDDdd	0 ~ 399938331	
DW	Register	DDDDD	0 ~ 16383	
DW	Counter	DDDD	0 ~ 1599	
DW	Timer	DDDD	0 ~ 1599	
DW	Reg_Float	DDDDD	0 ~ 16383	support single float point
DW	DBn	DDDDDDDDD	0 ~ 536016383	
DW	DB_String	DDDDDDDDD	0 ~ 536016383	
DW	R_String	DDDDD	0 ~ 16383	
DW	DB_Float	DDDDDDDDD	0 ~ 536016383	

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.40	Jun/21/2012	增加 DBn 地址型态
V1.50	Sep/24/2012	增加 R_String , DB_Float , DBn_Bit 和 DB_String 地址型态

Samsung SPC-10

支持系列: Samsung SPC-10

网站: http://www.samsungelectronics.com/factory_automation/controller/plc/

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	Samsung SPC-10		
PLC 界面	RS485 2W		
传输速率	9600		
校验	None		
数据位	8		
停止位	1		
HMI 站号	192		
PLC 站号	255		

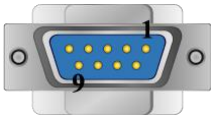
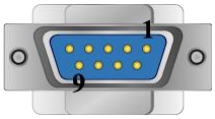
设备类型:

字符/位	设备类型	格式	范围	注释
B	R	DDDDdd	0 ~ 999915	
B	K	DDDDdd	0 ~ 999915	
B	M	DDDDdd	0 ~ 999915	
B	F	DDDDdd	0 ~ 999915	
W	W	DDDD	0 ~ 9999	

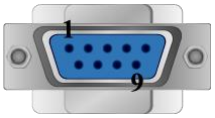
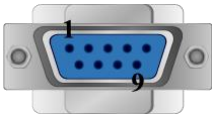
接线图:

以下图表示从连接线的焊接端所视.

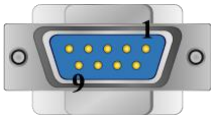
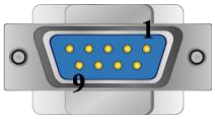
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 8P Mini-DIN Female socket
1 RX-	6 Data-		6 TR-
2 RX+	9 Data+		7 TR+
5 GND	5 GND		5 GND
			

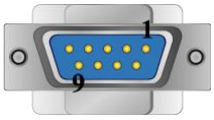
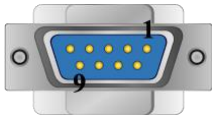
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 8P Mini-DIN Female socket
7 RX-	4 Data-		6 TR-
6 RX+	1 Data+		7 TR+
5 GND	5 GND		5 GND
			

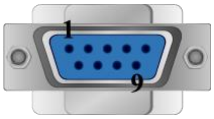
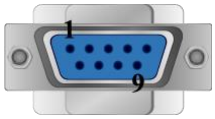
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 8P Mini-DIN Female socket
1 RX-	7 Data-		6 TR-
2 RX+	8 Data+		7 TR+
5 GND	9 GND		5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 8P Mini-DIN Female socket
1 RX-	6 Data-		6 TR-
2 RX+	9 Data+		7 TR+
5 GND	5 GND		5 GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 8P Mini-DIN Female socket
1 RX-	7 Data-		6 TR-
2 RX+	8 Data+		7 TR+
5 GND	5 GND		5 GND
			

驱动版本:

版本	日期	叙述
V1.00	May/19/2009	发布驱动程序.

SCENE6 Controller

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	SCENE6 Controller		
PLC 界面	RS232		
传输速率	9600		
数据位	8		
校验	None		
停止位	2		
PLC 站号	0		

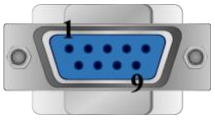
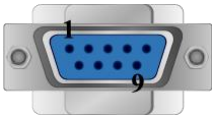
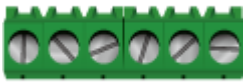
设备类型:

字符/位	设备类型	格式	范围	注释
W	Word	DD	0 ~ 99	

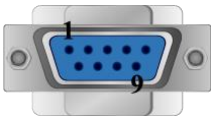
接线图:

以下图表示从连接线的焊接端所视.

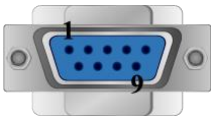
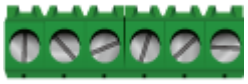
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 Terminal
2 RX	8 RX		TD
3 TX	7 TX		RD
5 GND	5 GND		GND
			

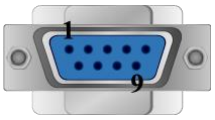
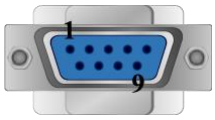
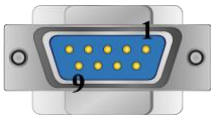
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 Terminal
2 RX			TD
3 TX			RD
5 GND			GND
			

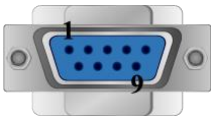
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 Terminal
2 RX			TD
3 TX			RD
5 GND			GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 Terminal
2 RX	6 RX	8 RX	TD
3 TX	4 TX	7 TX	RD
5 GND	5 GND	5 GND	GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 Terminal
9 RX			TD
6 TX			RD
5 GND			GND
			

驱动版本:

版本	日期	叙述
V1.00	Aug/24/2009	

Schleicher XCS 20C

支持系列: Schleicher XCx-Systems Ethernet port. Schleicher XCS series, 20C model.

网站: http://www.schleicher-electronic.com

HMI 设定:

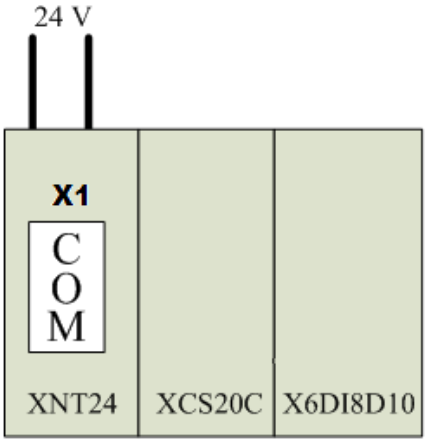
参数设定	推荐	选项	注释
PLC 类型	Schleicher XCS 20C		
PLC 界面	RS232		
传输速率	38400		
校验	N		
数据位	8		
停止位	1		
PLC 站号	0		

设备类型:

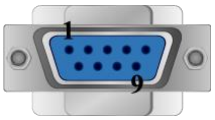
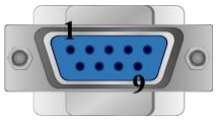
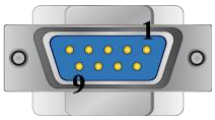
字符/位	设备类型	格式	范围	注释
B	IX	DDDDDo	0 ~ 655357	Input %IX
B	QX	DDDDDo	0 ~ 655357	Output %QX
B	MX	DDDDDo	0 ~ 655357	%MX
W	IW	DDDDD	0 ~ 65535	%IW
W	QW	DDDDD	0 ~ 65535	%QW
W	MW	DDDDD	0 ~ 65535	%MW
DW	ID	DDDDD	0 ~ 65535	%ID
DW	QD	DDDDD	0 ~ 65535	%QD
DW	MD	DDDDD	0 ~ 65535	%WD

- Word 地址需设为 even

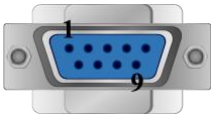
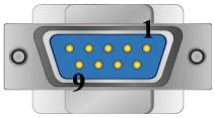
接线图:



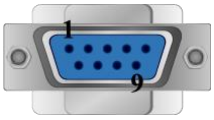
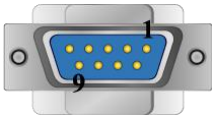
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		Schleicher XCS20 RS232 9P D-Sub Male
2 RX	8 RX		3 TD
3 TX	7 TX		2 RD
5 GND	5 GND		5 GND
			

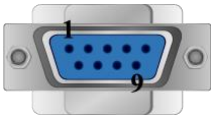
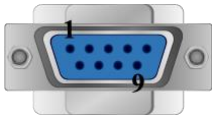
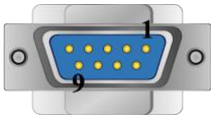
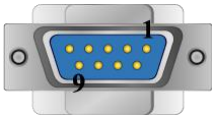
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			Schleicher XCS20 RS232 9P D-Sub Male
2 RX			3 TD
3 TX			2 RD
5 GND			5 GND
			

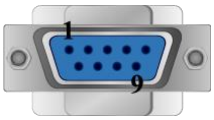
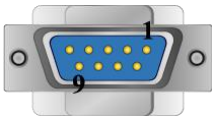
MT8000iE series

COM1 RS232 9P D-Sub Female			Schleicher XCS20 RS232 9P D-Sub Male
2 RX			3 TD
3 TX			2 RD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	Schleicher XCS20 RS232 9P D-Sub Male
2 RX	6 RX	8 RX	3 TD
3 TX	4 TX	7 TX	2 RD
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			Schleicher XCS20 RS232 9P D-Sub Male
9 RX			3 TD
6 TX			2 RD
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.10	Feb/26/2010	

Schleicher XCX 300

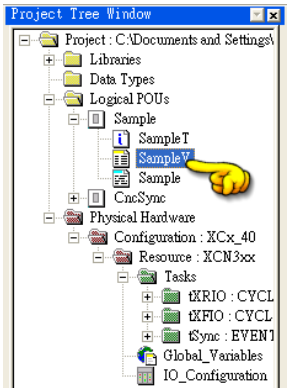
网站: http://www.schleicher-electronic.com

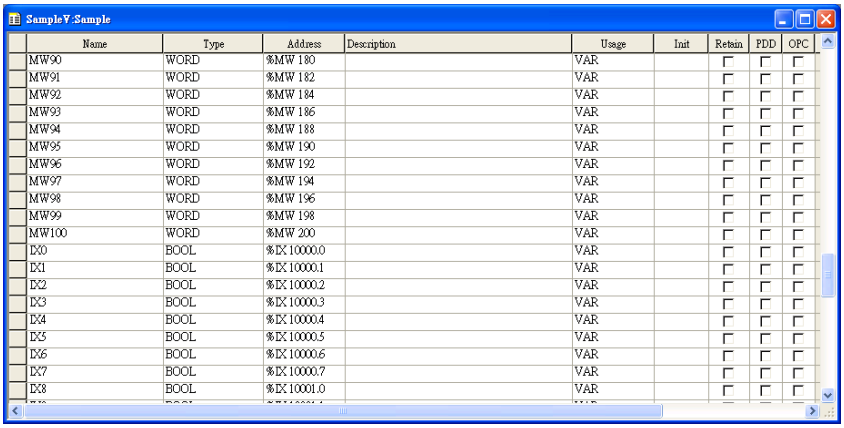
HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Schleicher XCX 300		
PLC 界面	Ethernet	RS232, RS422, Ethernet	
端口	20547		
PLC 站号	2		

PLC 设定:

需为 HMI 设定变量。





设备类型:

字符/位	设备类型	格式	范围	注释
B	IX	DDDDDo	0 ~ 655357	Input %IX
B	QX	DDDDDo	0 ~ 655357	Output %QX
B	MX	DDDDDo	0 ~ 655357	%MX
W	IW	DDDDD	0 ~ 65535	%IW
W	QW	DDDDD	0 ~ 65535	%QW
W	MW	DDDDD	0 ~ 65535	%MW
DW	ID	DDDDD	0 ~ 65535	%ID
DW	QD	DDDDD	0 ~ 65535	%QD
DW	MD	DDDDD	0 ~ 65535	%WD

- Word 地址需设为 even

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

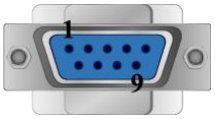
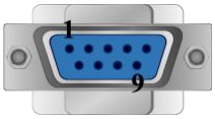
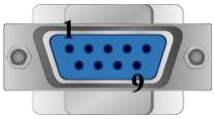
透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

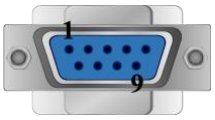
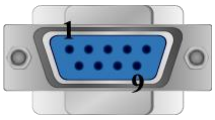
以下图表示从连接线的焊接端所视.

Schleicher XCX300 RS232 Port

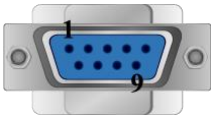
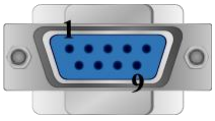
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Female
2 RX	8 RX		3 TXD
3 TX	7 TX		2 RXD
5 GND	5 GND		5 GND
			

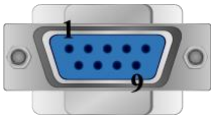
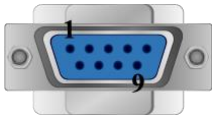
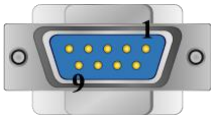
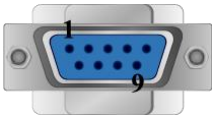
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

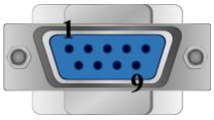
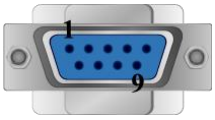
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Female
2 RX	6 RX	8 RX	3 TXD
3 TX	4 TX	7 TX	2 RXD
5 GND	5 GND	5 GND	5 GND
			

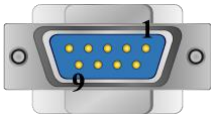
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female
9 RX			3 TXD
6 TX			2 RXD
5 GND			5 GND
			

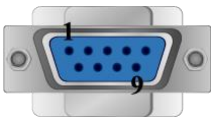
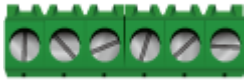
以下图表示从连接线的焊接端所视.

Schleicher XCX300 RS485 4W Terminal

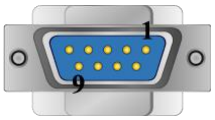
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS485 4W Terminal
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

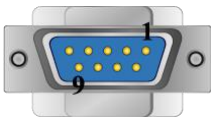
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS485 4W Terminal
7 RX-			TX-
6 RX+			TX+
9 TX-			RX-
8 TX+			RX+
5 GND			GND
			

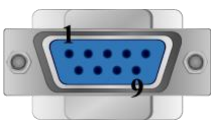
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS485 4W Terminal
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS485 4W Terminal
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			RS485 4W Terminal
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

驱动版本:

版本	日期	叙述
V1.00	Nov/30/2009	发布驱动程序.
V1.10	Jun/28/2010	Support RS232, RS422 interface connection.

Schneider IMS SERVO

支持系列 : Schneider IMS SERVO

Website: http://www.schleicher-electronic.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Schneider MODBUS RTU		
PLC 界面	RS232		
传输速率	9600		
校验	Even		
数据位	8		
停止位	1		
PLC 站号	1		

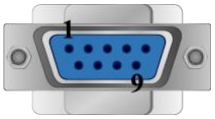
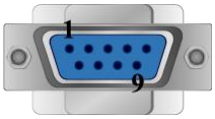
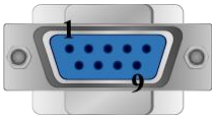
设备类型:

字符/位	设备类型	格式	范围	注释
B	%M	DDDDD	0 ~ 65535	Output bit
B	1x	DDDDD	0 ~ 65535	Input bit (只读)
B	3x_Bit	DDDDDdd	0 ~ 6553515	Input Register bit (只读)
B	4x_Bit	DDDDDdd	0 ~ 6553515	Output Register bit
B	0x_multi_coils	DDDDD	0 ~ 65535	Write multiple coils
W	3x	DDDDD	0 ~ 65535	Input Register (只读)
W	%MW	DDDDD	0 ~ 65535	Output Register
DW	5x	DDDDD	0 ~ 65535	4x double word swap
W	6x	DDDDD	0 ~ 65535	4x single word write

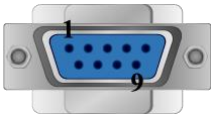
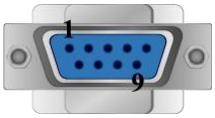
接线图:

以下图表示从连接线的焊接端所视.

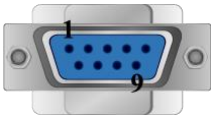
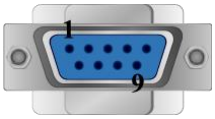
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Female
2 RX	8 RX		3 TX
3 TX	7 TX		2 RX
5 GND	5 GND		5 GND
			

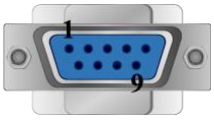
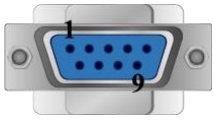
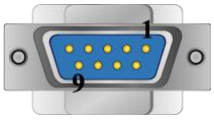
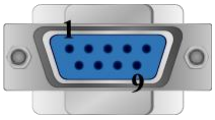
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female
2 RX			3 TX
3 TX			2 RX
5 GND			5 GND
			

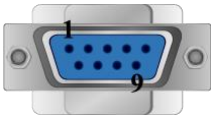
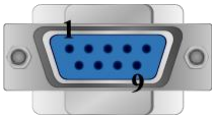
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female
2 RX			3 TX
3 TX			2 RX
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Female
2 RX	6 RX	8 RX	3 TX
3 TX	4 TX	7 TX	2 RX
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female
9 RX			3 TX
6 TX			2 RX
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.10	Apr/04/2012	

Schneider MODBUS RTU

支持系列 : Schneider MODBUS RTU CONTROLLER
Website: http://www.schleicher-electronic.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Schneider MODBUS RTU		
PLC 界面	RS485	RS232/RS485	
传输速率	9600	9600~115200	
校验	Even	Even, Odd, None	
数据位	8	7,8	
停止位	1	1,2	
PLC 站号	1	0-255	

在线仿真	YES	广播命令	YES
扩展模式	YES		

PLC 设定:

通讯模式	Modbus RTU protocol

设备类型:

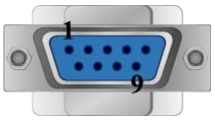
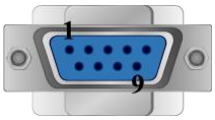
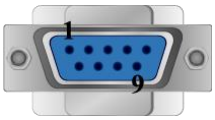
字符/位	设备类型	格式	范围	注释
B	%M	DDDDD	0 ~ 65535	Output bit
B	1x	DDDDD	0 ~ 65535	Input bit (只读)
B	3x_Bit	DDDDDdd	0 ~ 6553515	Input Register bit (只读)
B	4x_Bit	DDDDDdd	0 ~ 6553515	Output Register bit
B	0x_multi_coils	DDDDD	0 ~ 65535	Write multiple coils
W	3x	DDDDD	0 ~ 65535	Input Register (只读)
W	%MW	DDDDD	0 ~ 65535	Output Register
DW	5x	DDDDD	0 ~ 65535	4x double word swap
W	6x	DDDDD	0 ~ 65535	4x single word write

接线图:

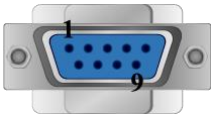
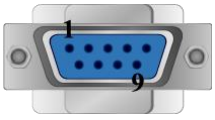
以下图表示从连接线的焊接端所视.

RS232

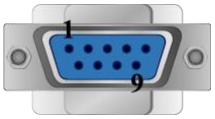
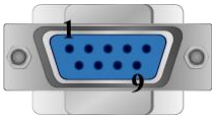
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Female
2 RX	8 RX		3 TX
3 TX	7 TX		2 RX
5 GND	5 GND		5 GND
			

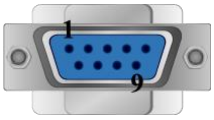
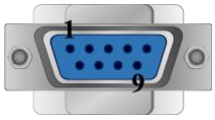
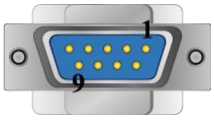
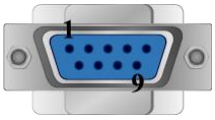
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female
2 RX			3 TX
3 TX			2 RX
5 GND			5 GND
			

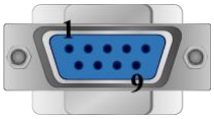
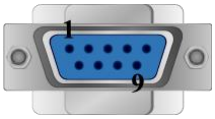
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female
2 RX			3 TX
3 TX			2 RX
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Female
2 RX	6 RX	8 RX	3 TX
3 TX	4 TX	7 TX	2 RX
5 GND	5 GND	5 GND	5 GND
			

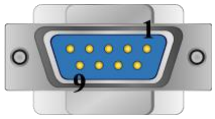
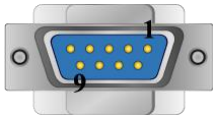
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Female
9 RX			3 TX
6 TX			2 RX
5 GND			5 GND
			

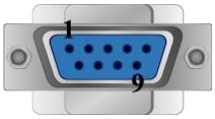
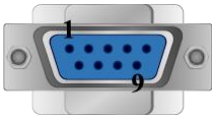
以下图表示从连接线的焊接端所视.

9P D-Sub to 8P Mini-DIN : RS485 2W

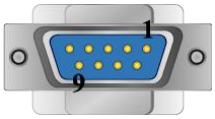
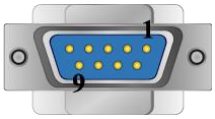
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 8P Mini-DIN Female socket	
1 RX-	6 Data-		2 B-	
2 RX+	9 Data+		1 A+	
5 GND	5 GND		5 DTP	circuit
			7 GND	
				

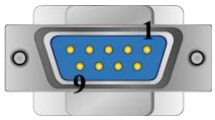
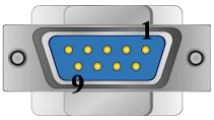
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 8P Mini-DIN Female socket	
7 RX-	4 Data-		2 B-	
6 RX+	1 Data+		1 A+	
5 GND	5 GND		5 DTP	circuit
			7 GND	
				

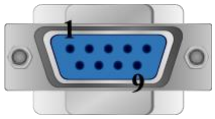
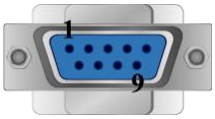
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 8P Mini-DIN Female socket	
1 RX-	7 Data-		2 B-	
2 RX+	8 Data+		1 A+	
5 GND	9 GND		5 DTP	circuit
			7 GND	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 8P Mini-DIN Female socket	
1 RX-	6 Data-		2 B-	
2 RX+	9 Data+		1 A+	
5 GND	5 GND		5 DTP	circuit
			7 GND	
				

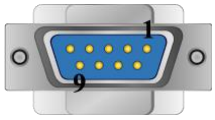
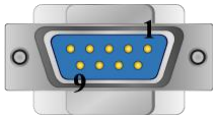
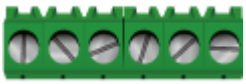
MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 8P Mini-DIN Female socket	
1 RX-	7 Data-		2 B-	
2 RX+	8 Data+		1 A+	
5 GND	5 GND		5 DTP	circuit
			7 GND	
				

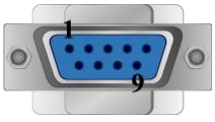
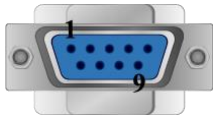
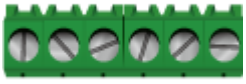
以下图表示从连接线的焊接端所视.

9P D-Sub to Terminal : RS485 2W

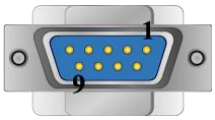
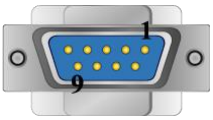
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 3P Terminal
1 RX-	6 Data-		B-
2 RX+	9 Data+		A+
5 GND	5 GND		GND
			

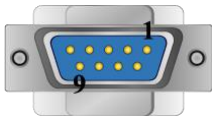
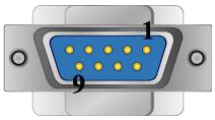
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 3P Terminal
7 RX-	4 Data-		B-
6 RX+	1 Data+		A+
5 GND	5 GND		GND
			

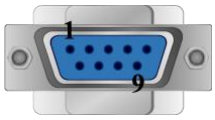
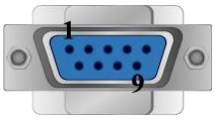
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 3P Terminal
1 RX-	7 Data-		B-
2 RX+	8 Data+		A+
5 GND	9 GND		GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 3P Terminal
1 RX-	6 Data-		B-
2 RX+	9 Data+		A+
5 GND	5 GND		GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 3P Terminal
1 RX-	7 Data-		B-
2 RX+	8 Data+		A+
5 GND	5 GND		GND
			

驱动版本:

版本	日期	叙述
V1.30	Aug/26/2009	

Schneider MODBUS TCP/IP

支持系列 : Schneider Modbus RTU TCP/IP 设备.

Website: http://www.schleicher-electronic.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Schneider MODBUS TCP/IP		
PLC 界面	Ethernet		
PLC 站号	1	0~255	
端口	502		

设备类型:

字符/位	设备类型	格式	范围	注释
B	%M	DDDDD	0 ~ 65535	Input bit
B	1x	DDDDD	0 ~ 65535	Output bit
B	3x_Bit	DDDDDdd	0 ~ 6553515	Input Register bit (只读)
B	4x_Bit	DDDDDdd	0 ~ 6553515	Output Register bit
B	6x_Bit	DDDDDdd	0 ~ 6553515	Output Register bit
B	0x_multi_coils	DDDDD	0 ~ 65535	Write multiple coils
W	3x	DDDDD	0 ~ 65535	Input Register
W	%MW	DDDDD	0 ~ 65535	Output Register
DW	5x	DDDDD	0 ~ 65535	4x double word swap
W	6x	DDDDD	0 ~ 65535	4x single word write

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

驱动版本:

版本	日期	叙述
V1.40	Aug/27/2009	

Schneider UniTelway

支持系列: Modicon TSX Micro&Nano&Neza 系列 PLC.

网站: http://www.modicon.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Schneider UniTelway		
PLC 界面	RS485 2W	RS232/RS485	
传输速率	19200	9600~115200	
校验	Odd	Even, Odd, None	
数据位	8	7,8	此通讯协议需设为 8
停止位	1	1, 2	
HMI 站号	5	1-8	
PLC 站号	0	0-3	

在线仿真	YES	扩展模式	YES
广播命令	NO		

PLC 设定:

通讯模式	UniTelWay 通讯协议, 设 PLC 为 master

设备类型:

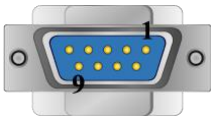
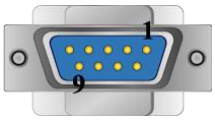
字符/位	设备类型	格式	范围	注释
B	S	DDDDD	0 ~ 32767	Internal relay
B	M	DDDDD	0 ~ 32767	Auxiliary relay
B	MW.B	DDDDDdd	0 ~ 3276715	Data register bit
W	MW	DDDDD	0 ~ 32767	Data register

接线图:

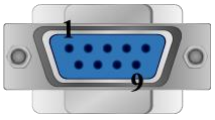
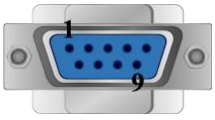
以下图表示从连接线的焊接端所视.

TSX37-XX/TSX07-XX CPU : 9P D-Sub to 9P D-Sub

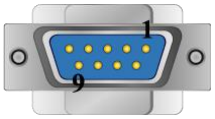
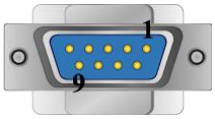
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 8P Mini-DIN Female socket
1 RX-	6 Data-		2 D-
2 RX+	9 Data+		1 D+
5 GND	5 GND		7 GND
			

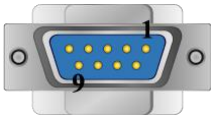
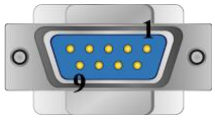
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 8P Mini-DIN Female socket
7 RX-	4 Data-		2 D-
6 RX+	1 Data+		1 D+
5 GND	5 GND		7 GND
			

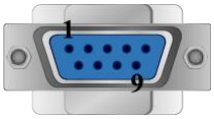
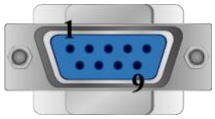
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 8P Mini-DIN Female socket
1 RX-	7 Data-		2 D-
2 RX+	8 Data+		1 D+
5 GND	9 GND		7 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 8P Mini-DIN Female socket
1 RX-	6 Data-		2 D-
2 RX+	9 Data+		1 D+
5 GND	5 GND		7 GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 8P Mini-DIN Female socket
1 RX-	7 Data-		2 D-
2 RX+	8 Data+		1 D+
5 GND	5 GND		7 GND
			

驱动版本:

版本	日期	叙述
V1.30	Sep/24/2009	

SEW Movilink

支持系列: SEW Eurodrive series, model MOVITRAC-07 inverter, MovitracB.

网站: http://sg.sew-eurodrive.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	SEW Movilink		
PLC 界面	RS485 2W		
传输速率	9600		
数据位	8		
校验	Even		
停止位	1		
PLC 站号	0	0~255	

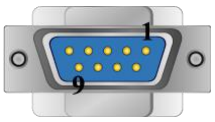
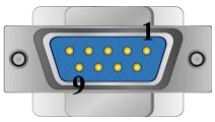
设备类型:

字符/位	设备类型	格式	范围	注释
B	INDEX_Bit	DDDDDDDDdd	0 ~ 2552500031	
W	INDEX	DDDDDDDD	0 ~ 25525000	

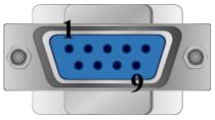
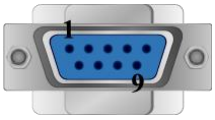
- MOVITRAC-07 不支持 Sub index（其他系列可能支持），请变更为 input 000
- 输入 D 或是 d 时，正确格式例如： Sub index 15, Index 8359, 格式为 01508359

接线图:

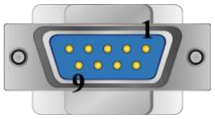
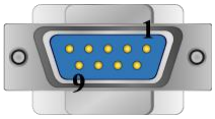
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		Movitrac-07 RS485 2W
1 RX-	6 Data-		D- (Green)
2 RX+	9 Data+		D+ (Red)
5 GND	5 GND		
			

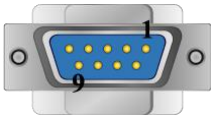
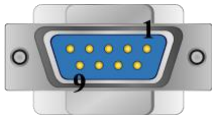
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		Movitrac-07 RS485 2W
7 RX-	4 Data-		D- (Green)
6 RX+	1 Data+		D+ (Red)
5 GND	5 GND		
			

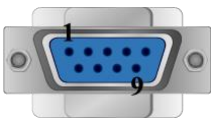
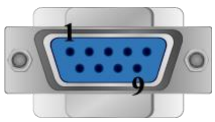
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		Movitrac-07 RS485 2W
1 RX-	7 Data-		D- (Green)
2 RX+	8 Data+		D+ (Red)
5 GND	9 GND		
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		Movitrac-07 RS485 2W
1 RX-	6 Data-		D- (Green)
2 RX+	9 Data+		D+ (Red)
5 GND	5 GND		
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		Movitrac-07 RS485 2W
1 RX-	7 Data-		D- (Green)
2 RX+	8 Data+		D+ (Red)
5 GND	5 GND		
			

驱动版本:

版本	日期	叙述
V1.31	Jun/25/2010	

SEW MOVITRAC LTE

网站: http://www.seweurodrive.com/index.php

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	SEW MOVITRAC LTE		
PLC 界面	RS-485 2W		
传输速率	115200		
校验	None		
数据位	8		
停止位	1		
PLC 站号	1		

在线仿真	YES	扩展模式	NO

设备类型:

字符/位	设备类型	格式	范围	注释
W	P-1	D	0 ~ 1	Max. speed limit
W	P-2	D	0 ~ 1	Min. speed limit
W	P-3	D	0 ~ 1	Acceleration ramp time
W	P-4	D	0 ~ 1	Deceleration ramp time
W	P-5	D	0 ~ 1	Stop mode select
W	P-6	D	0 ~ 1	Energy optimizer
W	P-7	D	0 ~ 1	Motor rated voltage
W	P-8	D	0 ~ 1	Motor rated current
W	P-9	D	0 ~ 1	Motor rated frequency
W	P-10	D	0 ~ 1	Motor rated speed
W	P-11	D	0 ~ 1	Voltage boost
W	P-12	D	0 ~ 1	Terminal / Keypad control
W	P-13	D	0 ~ 1	Trip log
W	P-14	D	0 ~ 1	Extended menu access code
W	P-15	D	0 ~ 1	Digital input function set
W	P-16	D	0 ~ 1	Analog input V / mA
W	P-17	D	0 ~ 1	Output switching frequency

字符/位	设备类型	格式	范围	注释
W	P-18	D	0 ~ 1	User relay output select
W	P-19	D	0 ~ 1	User relay output limit
W	P-20	D	0 ~ 1	Preset speed 1
W	P-21	D	0 ~ 1	Preset speed 2
W	P-22	D	0 ~ 1	Preset speed 3
W	P-23	D	0 ~ 1	Preset speed 4
W	P-24	D	0 ~ 1	Deceleration ramp time 2
W	P-25	D	0 ~ 1	Analog output function select
W	P-26	D	0 ~ 1	Skip frequency hysteris band
W	P-27	D	0 ~ 1	Skip frequency
W	P-28	D	0 ~ 1	V/F characteristic adjustment voltage
W	P-29	D	0 ~ 1	V/F characteristic adjustment frequency
W	P-30	D	0 ~ 1	Terminal mode restart function
W	P-31	D	0 ~ 1	Keypad mode restart function
W	P-32	D	0 ~ 1	DC injection enable / duration
W	P-33	D	0 ~ 1	Spin start
W	P-34	D	0 ~ 1	Brake chopper enable
W	P-35	D	0 ~ 1	Analog input scaling factor
W	P-36	D	0 ~ 1	Comms address; SBus enable/baudrate select; Trip enable / delay
W	P-37	D	0 ~ 1	Access code definition
W	P-38	D	0 ~ 1	Parameter access lock
W	P-39	D	0 ~ 1	Analog input off-set
W	P-40	D	0 ~ 1	Display speed scaling factor
W	P-00-01	D	0 ~ 1	Analog input 1 value
W	P-00-02	D	0 ~ 1	Analog input 2 value
W	P-00-03	D	0 ~ 1	Speed reference input
W	P-00-04	D	0 ~ 1	Digital input status
W	P-00-05	D	0 ~ 1	Reserved
W	P-00-06	D	0 ~ 1	Reserved
W	P-00-07	D	0 ~ 1	Applied motor voltage
W	P-00-08	D	0 ~ 1	DC bus voltage log
W	P-00-09	D	0 ~ 1	Heatsink temperature
W	P-00-10	D	0 ~ 1	Hours run meter
W	P-00-11	D	0 ~ 1	Run time since last trip (1)
W	P-00-12	D	0 ~ 1	Run time since last trip (2)
W	P-00-13	D	0 ~ 1	Run time since last disable

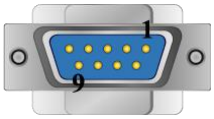
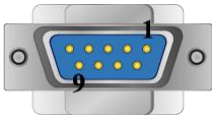
字符/位	设备类型	格式	范围	注释
W	P-00-14	D	0 ~ 1	Reserved
W	P-00-15	D	0 ~ 1	DC bus voltage log
W	P-00-16	D	0 ~ 1	Thermistor temperature log
W	P-00-17	D	0 ~ 1	Motor current
W	P-00-18	D	0 ~ 1	Software ID,IO and motor control
W	P-00-19	D	0 ~ 1	Drive serial number
W	P-00-20	D	0 ~ 1	Drive identifier

P-00-01 ~ P-00-20 为只读

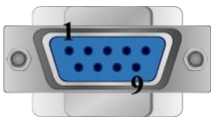
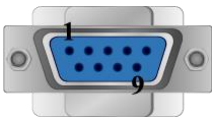
接线图:

以下图表示从连接线的焊接端所视.

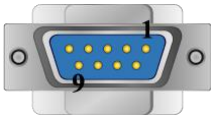
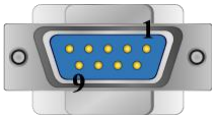
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		PLC RS485 2W 8P RJ45 Male
1 RX-	6 Data-		4 -
2 RX+	9 Data+		5 +
5 GND	5 GND		
			

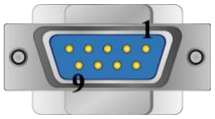
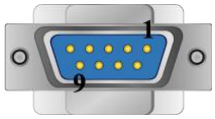
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		PLC RS485 2W 8P RJ45 Male
7 RX-	4 Data-		4 -
6 RX+	1 Data+		5 +
5 GND	5 GND		
			

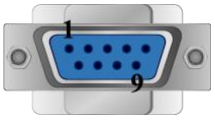
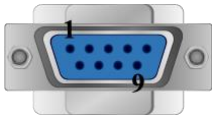
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		PLC RS485 2W 8P RJ45 Male
1 RX-	7 Data-		4 -
2 RX+	8 Data+		5 +
5 GND	9 GND		
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		PLC RS485 2W 8P RJ45 Male
1 RX-	6 Data-		4 -
2 RX+	9 Data+		5 +
5 GND	5 GND		
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		PLC RS485 2W 8P RJ45 Male
1 RX-	7 Data-		4 -
2 RX+	8 Data+		5 +
5 GND	5 GND		
			

驱动版本:

版本	日期	叙述
V1.00	May/19/2011	发布驱动程序.

SHIMADEN MR13/FP93

支持系列: MR13, FP93 devices

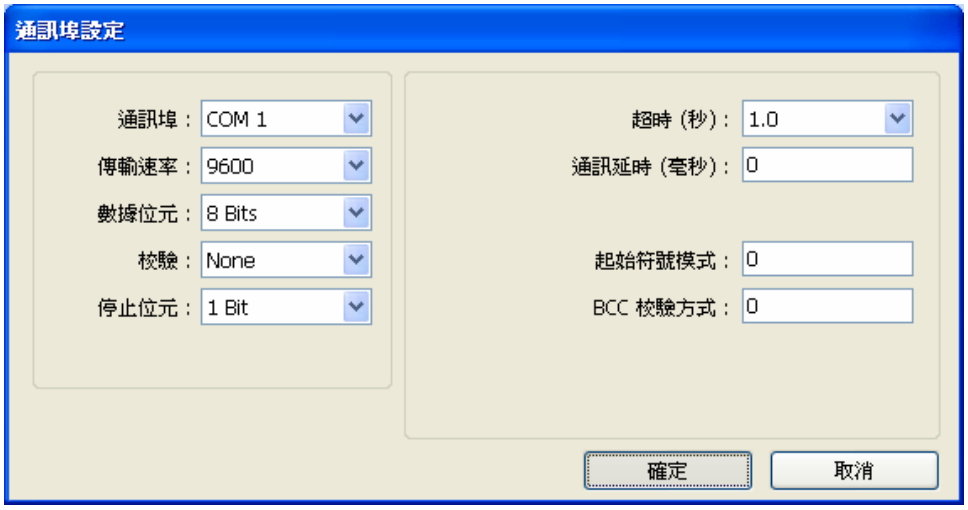
网站: http://www.shimaden.co.jp

HMI 设定:

参数设定	推荐	选项 s	注释
PLC 类型	SHIMADEN MR13/FP93		
PLC 界面	RS485		
数据位	7	7 or 8	
停止位	1	1	
传输速率	9600	1200-19200	
校验	E	None/Even	
PLC 站号	1	1~255	
通讯字符串格式	选择 3：@_:_CR	0, 1 : STX_ETX_CR 2 : STX_ETX_CR LF 3 : @_:_CR	FP93, 选择 0,1
BCC 校验	选择 3：异或校验	0, 1： 累加 2： 求补 3： 异或 4： 无块校验	

注意：

地址 018C 为通讯控制缓存器，只有设置为 1 的时候，才允许对别的缓存器进行写操作。



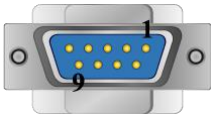
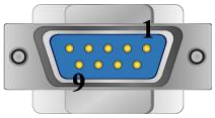
设备类型:

字符/位	设备类型	格式	范围	注释
W	Channel 1	HHHH	0 ~ ffff	读写第一信道缓存器
W	Channel 2	HHHH	0 ~ ffff	读写第二信道缓存器
W	Channel 3	HHHH	0 ~ ffff	读写第三信道缓存器

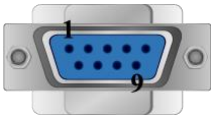
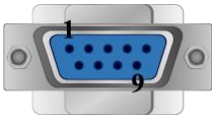
接线图:

以下图表示从连接线的焊接端所视.

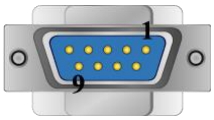
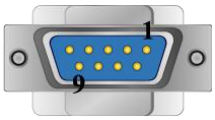
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		MR13/FP93 RS485 2W Terminal
1 RX-	6 Data-		25 -
2 RX+	9 Data+		24 +
5 GND	5 GND		23 GND
			

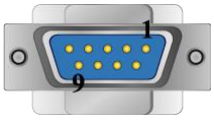
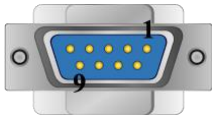
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		MR13/FP93 RS485 2W Terminal
7 RX-	4 Data-		25 -
6 RX+	1 Data+		24 +
5 GND	5 GND		23 GND
			

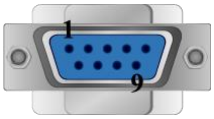
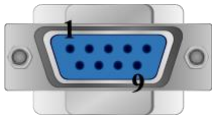
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		MR13/FP93 RS485 2W Terminal
1 RX-	7 Data-		25 -
2 RX+	8 Data+		24 +
5 GND	9 GND		23 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		MR13/FP93 RS485 2W Terminal
1 RX-	6 Data-		25 -
2 RX+	9 Data+		24 +
5 GND	5 GND		23 GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		MR13/FP93 RS485 2W Terminal
1 RX-	7 Data-		25 -
2 RX+	8 Data+		24 +
5 GND	5 GND		23 GND
			

MR13 通讯参数设定

数据地址 (16 进制)	参数	参数说明	(读/写)
0100	PV 测量值	测量范围内	R
0101	E_SV 设定值	设定值范围内	R
0102	OUT 调节输出	在 0．0～100.0%范围内	R
0103	保留		
0104	工作状态标志	（请参阅下面详细说明）	R
0105	事件输出标志	（请参阅下面详细说明）	R
0106	保留		
0107	保留		
0108	REM 模拟遥控值	设定值范围内	R
0109	保留		
010A	保留		
010B	DI 外部开关状态	（请参阅下面详细说明）	R

数据地址 (１ ６进制)	参数	设定范围	(读/写）
0111	范围 范围	测量范围代码列表	R
0112	保留		
0113	DP 小数点	小数点位置（0:无小数点，1：有小数点）	R
0114	PV Sc_L 下限	线性输入时:-1999～9999 单位 热电偶、铂电阻输入时:与测量范围相同	R
0115	PV Sc_H 上限		R

数据地制 (16 进制)	参数	设定范围	(读/写）
0120	E_PRG	程序运行标志	R
0121	保留		
0122	保留		
0123	E_PRT	执行方式号 （程序复位时是 7FFEH）	R
0124	E_STP	程序步号 （程序复位时是 7FFEH）	R
0125	E_TIM	剩余时间 （程序复位时是 7FFEH）	R
0126	E_PID	PID 号 （程序复位时是 7FFEH）	R

数据地制 (16 进制)	参数	设定范围	(读/写）
0184	AT 自整定	0:停止 1:执行	W

018C	Operation 通讯状态	0:本机方式 1:通讯方式	W

0190	PROG RUN/RST 程序运行/复位	0：RST 复位，1： RUN 运行 （只在 CH1 回路可写）	W

0191	PROG HLD 程序保持	0：解除保持，1：HLD 保持 （只在 CH1 回路可写）	W

0300	SV 设定值	设定范围内	R/W

数据地制 (16进制)	参数	设定范围	(读/写）
030A	SV Limt_L设定值下限	测量范围内 设定值下限＜上限	R/W
030B	SV Limt_h设定值上限		

0314	REM SC_L 外给定下限	测量范围内 外给定下限值≠上限值	R/W
0315	REM SC_H 外给定上限		
0316	REM Bias 外给定偏差值设定	范围: -1999～5000 单位	R/W
0317	REM Filt 外给定滤波常数设定	范围: 0～100 秒	R/W

031A	REM-CH 外给定回路选择	仿真遥控通道分配 0:OFF, 1:CH1,2:CH2,3:CH3	R/W

数据地制 (16进制)	参数	设定范围	(读/写）
0320	SV Follow SW 设定值跟踪设定	CH2和CH3回路SV设定值跟踪设定 1:ON 跟踪 0:NO不跟踪	R/W
0321	SV Follow 设定值跟踪偏差	SV设定值跟踪偏差 -1999～5000单位	R/W

0400	FIX P	定值比例带 范围: 0.0～999.9%(0.0:OFF)	R/W
0401	FIX I	定值积分时间 范围: 0～6000 Seconds (0.0:OFF)	R/W
0402	FIX D	定值微分时间 范围 0～3600 Seconds (0.0:OFF)	R/W

0403	FIX MR	定值手动复位 范围: -50.0～50.0%	R/W
0404	FIX DF	定值回差 范围: 1～999 单位	R/W
0405	FIX OUT Limt_L	定值控制输出下限 范围: 0.0～99.9%	R/W
0406	FIX OUT Limt_H	定值控制输出上限 范围: 0.1~100.0%	R/W
0407	FIX SF	定值F超调抑制系数 范围: OFF，0.01～1.00	R/W
0408	Prog P1	程序1比例带 范围: 0.0～999.9% (0.0:OFF)	R/W
0409	Prog I1	程序1积分时间 范围: 0～6000 秒 (0.0:OFF)	R/W
040A	Prog D1	程序1微分时间 范围: 0～3600 秒 (0.0:OFF)	R/W
040B	Prog MR1	程序1手动复位 范围: -50.0～50.0%	R/W
040C	Prog DF1	程序方式回差1 范围: 1～999 unit	R/W
040D	Prog O_Lmt_L1	程序方式控制输出下限1 范围: 0.0～99.9%	R/W
040E	Prog O_Lmt_H1	程序方式控制输出上限1 范围: 0.1~100.0%	R/W
040F	Prog SF1	程序方式超调抑制系数1 范围: OFF,0.01～1.00	R/W
0410	Prog P2	程序方式比例带2 范围: 0.0～999.9% (0.0:OFF)	R/W
0411	Prog I2	程序方式积分时间2 范围: 0～6000 秒 (0.0:OFF)	R/W
0412	Prog D2	程序方式微分时间2 范围:0～3600 秒 (0.0:OFF)	R/W
0413	Prog MR2	程序方式手动复位2 范围: -50.0～50.0%	R/W
0414	Prog DF2	程序方式回差2 范围: 1～999 单位	R/W
0415	Prog O_Lmt_L2	程序方式控制输出下限2 0.0～99.9%	R/W
0416	Prog O_Lmt_H2	程序方式控制输出上限2 1.0～100.0%	R/W

0417	Prog SF2	程序方式抑制系数2 范围: OFF,0.01～1.00	R/W
0418	Prog P3	程序方式比例带3 范围: 0.0～999.9% (0.0:OFF)	R/W
0419	Prog I3	程序方式积分时间3 范围:0～6000 秒 (0.0:OFF)	R/W
041A	Prog D3	程序方式微分时间3 范围: 0～3600 秒 (0.0:OFF)	R/W
041B	Prog MR3	程序方式手动复位3 范围: -50.0～50.0%	R/W
041C	Prog DF3	程序方式回差3 范围: 1～999 单位	R/W
041D	Prog O_Lmt_L3	程序方式控制输出下限3 范围: 0.0～99.9%	R/W
041E	Prog O_Lmt_H3	程序方式控制输出上限3 范围: 1.0～100.0%	R/W
041F	Prog SF3	程序方式抑制系数3 范围: OFF,0.01～1.00	R/W

0500	EV1_MODE EV1事件报警方式号	0:无作用 1:上限偏差值 2:下限偏差值 3:上、下限偏差值外 4:上、下限偏差值内 5:上限绝对值 6:下限绝对值 7: 超量呈 8:程序运行 9:程序结束 10:程序步	R/W

0501	EV1 Set Point EV1报警设定值	1.上限偏差值报警: 0～1999单位 2.下限偏差值报警: 0～-1999单位 3.上下限偏差值外报警: 0～1999单位 4.上下限偏差值内报警: 0～1999单位 5.上限绝对值报警: 测量值范围内 6.下限绝对值报警: 测量值范围内 仅当子地址=EV1_CH.时有效	R/W
0502	EV1 Diffrnt EV1 回差	报警滞后 1～999 单位 仅当子地址=EV1_CH.时有效	R/W
0503	EV1 Inhibit EV1 上电抑制	报警抑制方式 1～4 仅当子地址=EV1_CH.时有效	R/W
0504	EV1 Delay EV1 报警延迟	报警延迟时间 0～9999 秒 仅当子地址=EV1_CH.时有效	R/W

0506	EV1_CH EV1 通道	通道号设置 1:CH1回路, 2:CH2回路, 3:CH3回路	R/W

0510	EV2_MODE EV2 事件报警方式号	0:无作用 1:上限偏差值 2:下限偏差值 3:上、下限偏差值外 4:上、下限偏差值内 5:上限绝对值 6:下限绝对值 7:超量呈 8:程序运行 9:程序结束 10:程序步 仅当子地址=EV2_CH.时有效	R/W

0511	EV2 Set Point EV2报警设定值	1.上限偏差值报警: 0～1999 单位 2.下限偏差值报警: 0～-1999 单位 3.上下限偏差值外报警: 0～1999 单位 4.上下限偏差值内报警: 0～1999 单位 5.上限绝对值报警: 测量值范围内 6.下限绝对值报警: 测量值范围内 仅当子地址=EV2_CH.时有效	R/W
0512	EV2 Diffrnt EV2 回差	报警滞后 1～999 单位 仅当子地址=EV2_CH.时有效	R/W
0513	EV2 Inhibit EV2 上电抑制	报警抑制方式 1～4 仅当子地址=EV2_CH.时有效	R/W
0514	EV2 Delay EV2 报警延迟	报警延迟时间 0～9999 秒 仅当子地址=EV2_CH.时有效	R/W

0516	EV2_CH EV2通道	通道号设置 1:CH1回路, 2:CH2回路, 3:CH3回路	R/W

0520	EV3_MODE EV3事件报警方式号	0:无 1:上限偏差值 2:下限偏差值 3:上、下限偏差值外 4:上、下限偏差值内 5:上限绝对值 6:下限绝对值 7: 超量呈 8:程序运行 9:程序结束 10:程序步 仅当子地址=EV3_CH.时有效	R/W

0521	EV3 Set Point EV3报警设定值	1.上限偏差值报警: 0～1999 单位 2.下限偏差值报警: 0～-1999 单位 3.上下限偏差值外报警: 0～1999 单位 4.上下限偏差值内报警: 0～1999 单位 5.上限绝对值报警: 测量值范围内 6.下限绝对值报警: 测量值范围内 仅当子地址=EV3_CH.时有效	R/W
0522	EV3 Diffrnt EV3回差	报警滞后 1～999 单位 仅当子地址=EV3_CH.时有效	R/W
0523	EV3 Inhibit EV3上电抑制	报警抑制方式 1～4 仅当子地址=EV3_CH.时有效	R/W
0524	EV3 Delay EV3报警延迟	报警延迟时间 0～9999 秒 仅当子地址=EV3_CH.时有效	R/W

0526	EV3_CH EV3通道	通道号设置 1:CH1回路, 2:CH2回路, 3:CH3回路	R/W

0580	DI DI 外部开关	0:NON 无定义 1:FLW 跟踪 2:RUN 运行 3:HLD 保持 4:ADV 跳步	R/W

05B0	MEM 通讯存储方式	1:EEP 程序内存 0:RAM 随机内存	R/W

0600	Out Actn 调节输出极性	输出极性 0:Rev Act. 反作用 1:Dir Act 正作用	R/W
0601	Out Cyc 调节输出比例周期	调节输出比例周期(单位:0.5 秒) 0.5～120.0秒	R/W
0602	Reserved保留		
0603	SOFTSW 运行缓启动	运行缓起动设置 0:OFF 无作用 1:ON 有作用	

0610	AT Point 自整定点偏移	自整定点偏移　0～5000单位	R/W
0611	Key Lock　键锁定	0:OFF　1:LOCK1　2:LOCK2 3:LOCK3	R/W

- 当进行调节输出比例周期设置时，步长为 0.5 秒。
- 写指令锁定与屏幕锁定一致。（相对仪表的手动操作）
- EV1_CH,EV2_CH,EV3_CH 的修改，与参数的初始设置有关。

0701	PV Bias　测量值偏移	测量值偏移　-1999～1999单位	R/W
0702	PV Filt 测量值偏移系数	测量值滤波系数　0～100秒	R/W

0710	PFLW 测量值跟踪	CH2，CH3 回路测量值 PV 跟踪设定 0:OFF 不跟踪 1:ON 跟踪	R/W
0711	CH_P	0-0 窗口 CH2,CH3 回路测量值显示有无 0:无　1:有	R/W

0800	FP_MOD 工作方式	工作方式选择 0:FIX 定值控制　1:PROG 程控 (仅在CH1回路可设)	R/W
0801	PV_ST	伺服起动　0:OFF　1:ON (仅在CH1回路可设)	R/W

0882	STP 程序步	步号 1～9 (仅在CH1回路可设)	R/W
0883	RPT 循环次数	循环执行次数 1～9999 (仅在CH1回路可设)	R/W
0884	ST_SV 程序起始值	程序起始值设定 (仅在CH1回路可设)	R/W

- 对于CH1回路，测量值跟踪设置（PFLW）窗口（1-30），0-0窗口回路的测量值显示有无设置（CH_P）

  窗口（1-29）显示为- - - -。读出值为 7FFEH，进行设置时将返回错误码（0BH）。

08A0	Step1 SV	第一步目标设定值 (仅在CH1回路可设)	R/W
08A1	Step1 Time	第一步运行时间 (仅在CH1回路可设)	R/W
08A2	Step1 PID No	第一步PID号	R/W
08A3	Reserved		
08A4	Step2 SV	第二步目标设定值 (仅在CH1回路可设)	R/W
08A5	Step2 Time	第二步运行时间 (仅在CH1回路可设)	R/W
08A6	Step2 PID No	第二步PID号	R/W
08A7	Reserved		
08A8	Step3 SV	第三步目标设定值 (仅在CH1回路可设)	R/W
08A9	Step3 Time	第三步运行时间 (仅在CH1回路可设)	R/W
08AA	Step3 PID No	第三步PID号	R/W
08AB	Reserved		
08AC	Step4 SV	第四步目标设定值 (仅在CH1回路可设)	R/W
08AD	Step4 Time	第四步运行时间 (仅在CH1回路可设)	R/W
08AE	Step4 PID No	第四步PID号	R/W
08AF	Reserved		
08B0	Step5 SV	第五步目标设定值 (仅在CH1回路可设)	R/W
08B1	Step5 Time	第五步运行时间 (仅在CH1回路可设)	R/W
08B2	Step5 PID No	第五步PID号	R/W
08B3	Reserved		
08B4	Step6 SV	第六步目标设定值 (仅在CH1回路可设)	R/W
08B5	Step6 Time	第六步运行时间 (仅在CH1回路可设)	R/W
08B6	Step6 PID No	第六步PID号	R/W
08B7	Reserved		
08B8	Step7 SV	第七步目标设定值 (仅在CH1回路可设)	R/W

08B9	Step7 Time	第七步运行时间 (仅在CH1回路可设)	R/W
08BA	Step7 PID No	第七步PID号	R/W
08BB	Reserved		
08BC	Step8 SV	第八步目标设定值 (仅在CH1回路可设)	R/W
08BD	Step8 Time	第八步运行时间 (仅在CH1回路可设)	R/W
08BE	Step8 PID No	第八步PID号	R/W
08BF	Reserved		
08C0	Step9 SV	第九步目标设定值 (仅在CH1回路可设)	R/W
08C1	Step9 Time	第九步运行时间 (仅在CH1回路可设)	R/W
08C2	Step9 PID No	第九步PID号	R/W

驱动版本:

版本	日期	叙述
V1.20	Apr/08/2011	

SHJ-A

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	SHJ-A		
PLC 界面	RS485 2W		
传输速率	9600		
校验	None		
数据位	8		
停止位	1		
PLC 站号	0		

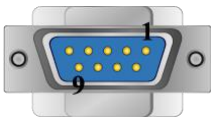
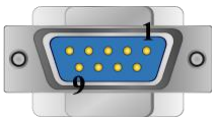
设备类型:

字符/位	设备型态	格式	范围	注释
W	Word	DD	0 ~ 89	

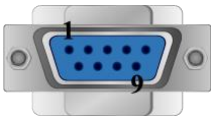
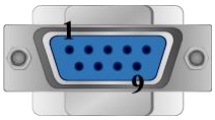
接线图:

以下图表示从连接线的焊接端所视.

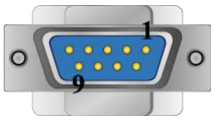
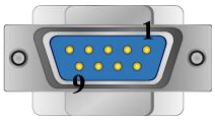
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 terminal
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		
			

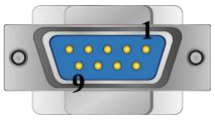
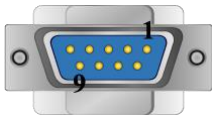
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 terminal
7 RX-	4 Data-		D-
6 RX+	1 Data+		D+
5 GND	5 GND		
			

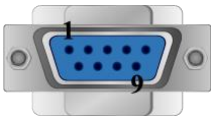
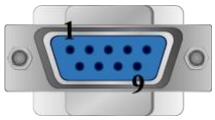
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 terminal
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	9 GND		
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 terminal
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 terminal
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	5 GND		
			

驱动版本:

版本	日期	叙述
V1.00	Oct/18/2011	发布驱动程序.

SICK FLEXI SOFT

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	SICK FLEXI SOFT		
PLC 界面	RS232		
传输速率	115200	9600,19200,38400, 57600,115200	
校验	None		
数据位	8		
停止位	1		
PLC 站号	0		

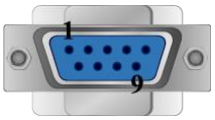
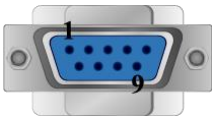
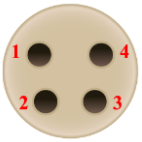
设备类型:

字符/位	设备类型	格式	范围	注释
B	I	DDo	0 ~ 967	Input
B	Q	DDo	0 ~ 487	Output
B	Logic result	DDo	0 ~ 327	Logic result
B	RS-232	DDo	0 ~ 327	RS-232
B	Flexi soft to RS-232_Bit	DDo	0 ~ 997	
B	Module Status Bit Array_Bit	DDo	0 ~ 597	
B	Operating Data Block_Bit	Do	0 ~ 97	
B	Configuration CRCs_Bit	DDo	0 ~ 197	
B	CPU Module Type Key_Bit	DDo	0 ~ 177	
B	Extension Modules Type_Bit	DDDo	0 ~ 3377	
W	RS-232 to Flexi soft	D	0 ~ 2	
W	Flexi soft to RS-232	DD	0 ~ 98	
W	Module Status Bit Array	DD	0 ~ 58	
W	Operating Data Block	D	0 ~ 8	
W	Configuration CRCs	DD	0 ~ 18	
W	CPU Module Type Key	DD	0 ~ 16	
W	Extension Modules Type	DDD	0 ~ 336	

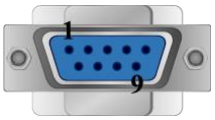
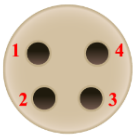
接线图:

以下图表示从连接线的焊接端所视.

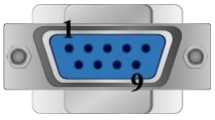
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		CPU0 Port0 4P Mini-DIN Female socket
2 RX	8 RX		3 TX
3 TX	7 TX		2 RX
5 GND	5 GND		4 GND
			

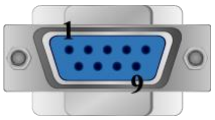
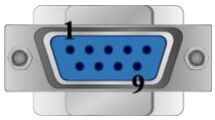
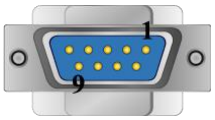
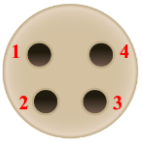
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			CPU0 Port0 4P Mini-DIN Female socket
2 RX			3 TX
3 TX			2 RX
5 GND			4 GND
			

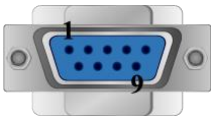
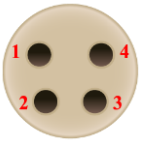
MT8000iE series

COM1 RS232 9P D-Sub Female			CPU0 Port0 4P Mini-DIN Female socket
2 RX			3 TX
3 TX			2 RX
5 GND			4 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	CPU0 Port0 4P Mini-DIN Female socket
2 RX	6 RX	8 RX	3 TX
3 TX	4 TX	7 TX	2 RX
5 GND	5 GND	5 GND	4 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			CPU0 Port0 4P Mini-DIN Female socket
9 RX			3 TX
6 TX			2 RX
5 GND			4 GND
			

驱动版本:

版本	日期	叙述
V1.00	Apr/8/2011	发布驱动程序.
V1.10	May/15/2013	支持汇入外接模块的卷标数据及 V1.4 版本 CSV 档案.

Siemens LOGO (Ethernet)

支持系列: Siemens LOGO! 0BA7

网站: http://www.siemens.com/entry/cc/en/

HMI 设定:

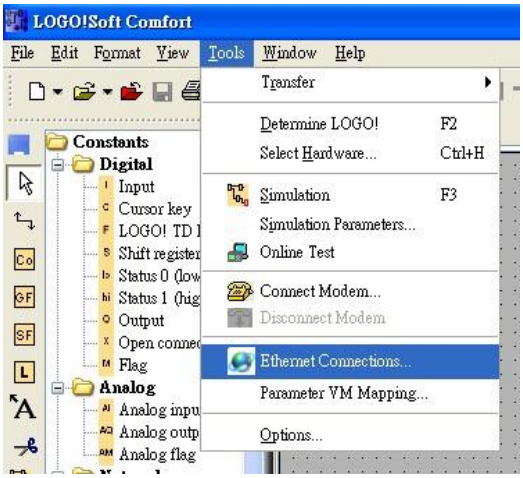
参数设定	推荐	选项	注释
PLC 类型	Siemens S7/200 (Ethernet)		
PLC 界面	Ethernet		
端口	102		
PLC 站号	1	1~99	
本地 TSAP	1000		需设定大于 1000
远程 TSAP	2100		设定范围:2000~2700

★ TSAP 设定方式请参考下面 PLC 设定

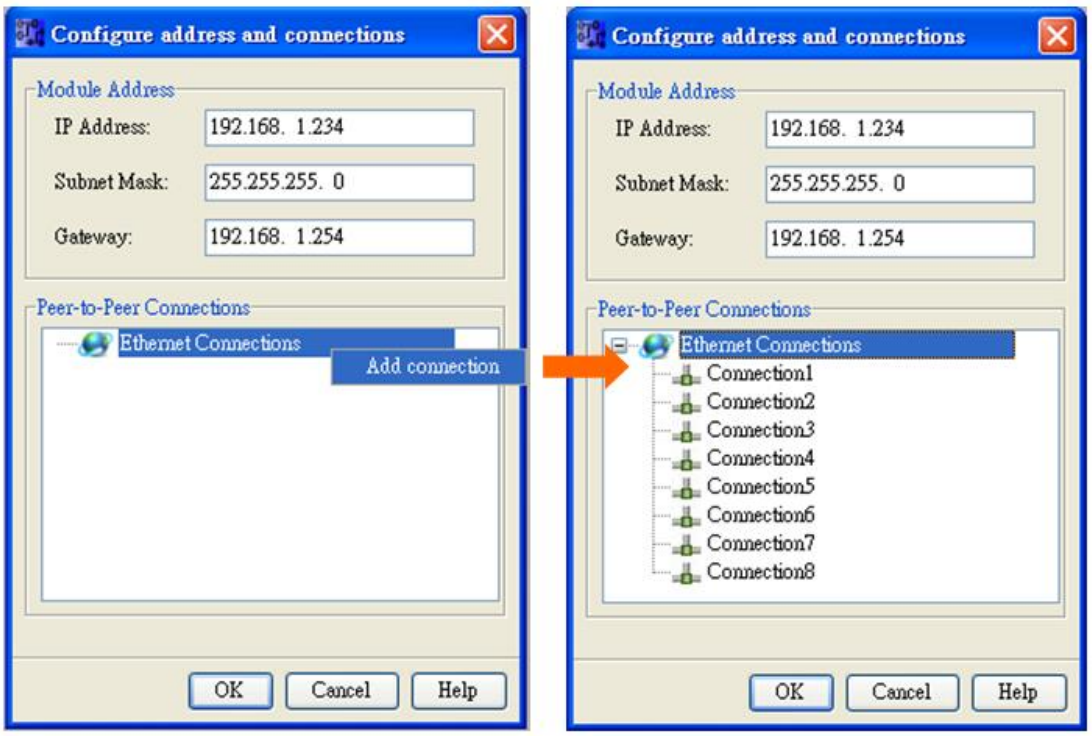
PLC 设定:

Siemens LOGO!多台联机设定必须使用 LOGO! Soft Comfort 软件对 PLC 先进行基本设定,使 PLC 能够办识联机装置,以下介绍 LOGO! Soft Comfort 的设定方式.

步骤 1. Tools -> Ethernet Connections



步骤 2. 于”Ethernet Connections”按下鼠标右键,并按”Add connections”增加连接装置,最多可增加至八个连接装置.



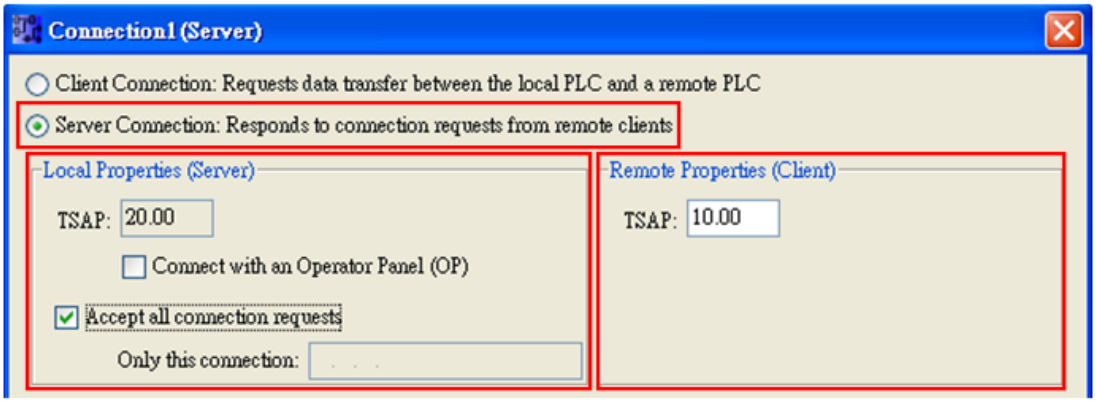
步骤 3. 设定 Server 连接

I. 双击点选 Connection1，并选择”Server Connection”。

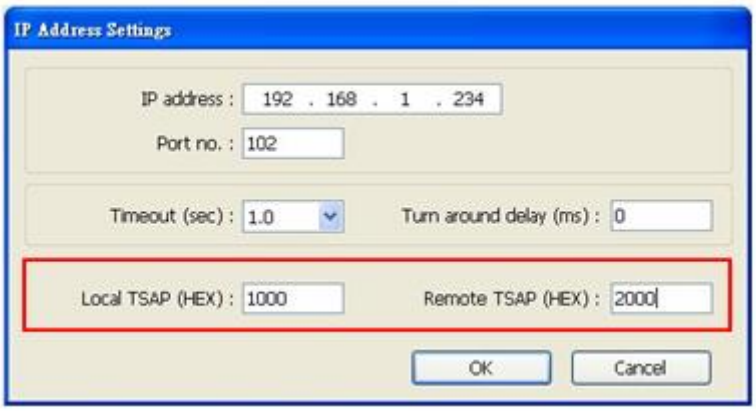
II. Local TSAP 由系统默认，不可修改。并勾选”Accept all connection requests”，让任意 IP 皆可连接。

III. Remote TSAP 设定为 10.00。

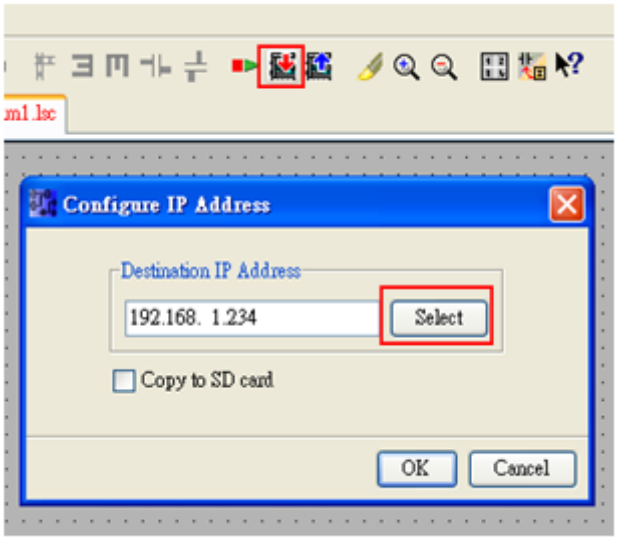
IV. 其余 Connection2~8 皆可依此进行设定。



注意: Local TSAP 和 Remote TSAP 的设定值，与 EasyBuilder 设定值必须相反才可成功通讯。



步骤 4. 完成设定后，下载连接设定至 Siemens LOGO!



设备类型:

字符/位	设备类型	格式	范围	注释
B	I	DD	1~24	只读
B	Q	DD	1~16	
B	M	DD	1~27	
B	V	DDDDo	0~1023	VW_Bit
W	AI	D	1~8	
W	AQ	D	1~2	
W	AM	DD	1~16	
W	VW	DDDD	0~1023	映像地址,请参阅表 1

表 1 地址映像关系对照表

I	VW	Q	VW	M	VW	AI	VW	AQ	VW	AM	VW
I1	V923.0	Q1	V942.0	M1	V948.0	AI1	VW926	AQ1	VW944	AM1	VW952
I2	V923.1	Q2	V942.1	M2	V948.1	AI2	VW928	AQ2	VW946	AM2	VW954
I3	V923.2	Q3	V942.2	M3	V948.2	AI3	VW930			AM3	VW956
I4	V923.3	Q4	V942.3	M4	V948.3	AI4	VW932			AM4	VW958
I5	V923.4	Q5	V942.4	M5	V948.4	AI5	VW934			AM5	VW960
I6	V923.5	Q6	V942.5	M6	V948.5	AI6	VW936			AM6	VW962
I7	V923.6	Q7	V942.6	M7	V948.6	AI7	VW938			AM7	VW964
I8	V923.7	Q8	V942.7	M8	V948.7	AI8	VW940			AM8	VW966
I9	V924.0	Q9	V943.0	M9	V949.0					AM9	VW968
I10	V924.1	Q10	V943.1	M10	V949.1					AM10	VW970
I11	V924.2	Q11	V943.2	M11	V949.2					AM11	VW972
I12	V924.3	Q12	V943.3	M12	V949.3					AM12	VW974
I13	V924.4	Q13	V943.4	M13	V949.4					AM13	VW976
I14	V924.5	Q14	V943.5	M14	V949.5					AM14	VW978
I15	V924.6	Q15	V943.6	M15	V949.6					AM15	VW980
I16	V924.7	Q16	V943.7	M16	V949.7					AM16	VW982
I17	V925.0			M17	V950.0						
I18	V925.1			M18	V950.1						
I19	V925.2			M19	V950.2						
I20	V925.3			M20	V950.3						
I21	V925.4			M21	V950.4						
I22	V925.5			M22	V950.5						
I23	V925.6			M23	V950.6						
I24	V925.7			M24	V950.7						
				M25	V951.0						
				M26	V951.1						
				M27	V951.2						

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

驱动版本:

版本	日期	叙述
V1.00	DEC/7/2011	发布驱动程序.

Siemens S7-1200 (Ethernet)

支持系列: Siemens S7/1200 Ethernet 系列.
网站: http://www.siemens.com/entry/cc/en/

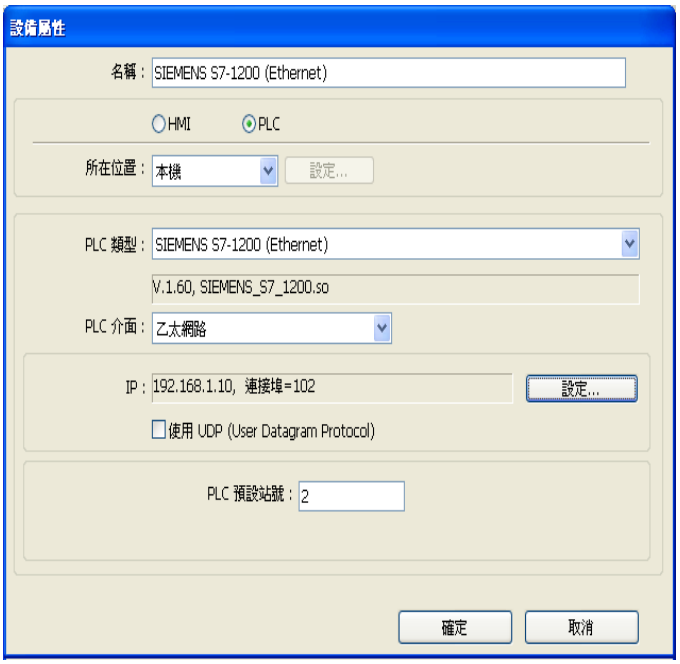
HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	SIEMENS S7/1200 (Ethernet)		
PLC 界面	Ethernet		
PLC 站号	2		
端口	102		
机座	0		
CPU 插槽	1		

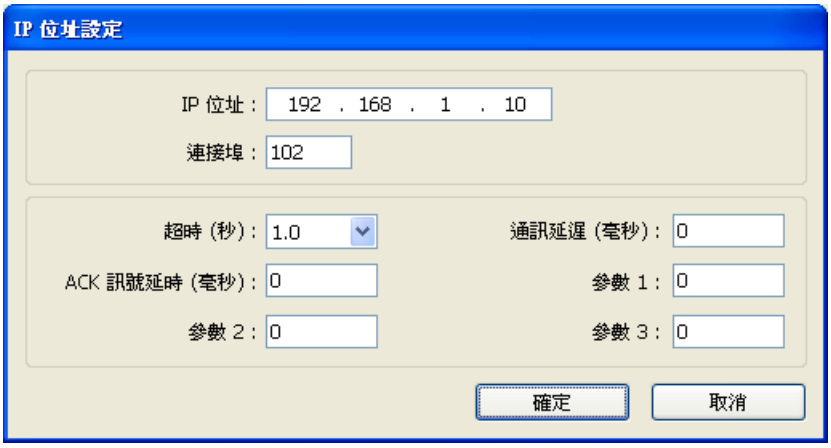
在线仿真	Yes	多台 HMI 连接	Yes (最多三台 HMI)

PLC 设定:

1. 首先，在 S7-1200 软件建立卷标与程序并下载到 PLC.
2. 开启 EB Pro，选择 “SIEMENS S7-1200 (Ethernet)”.



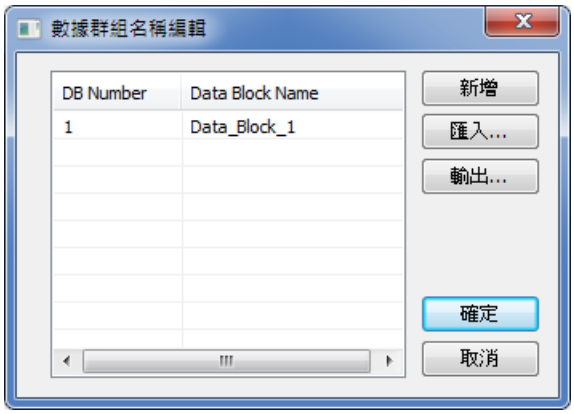
3. 点选“设定…”，输入 PLC IP 地址.



4. 先确认 PLC 未被任何装置连接，点选“取得卷标信息…”.

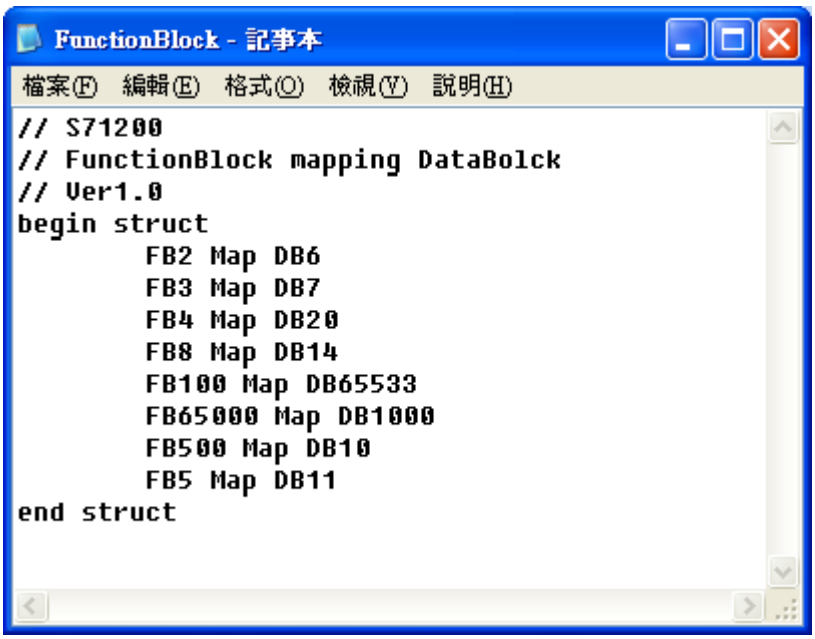


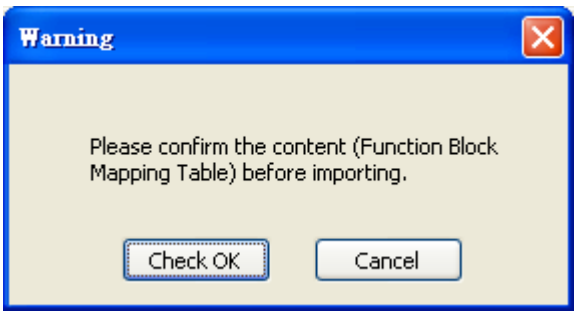
5. 若是开启旧项目重新取得卷标信息，且 PLC 软件是使用 TIA Portal V12 以后版本下载的程序，DB 名称必须重新输入方可进行编译。

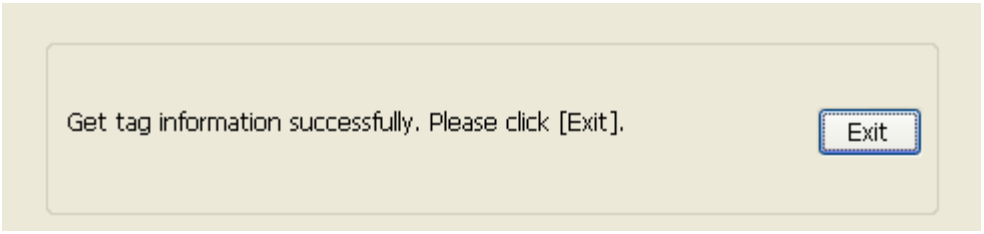


6. 若是软件使用 TIA Portal V11，SP2 之后的版本，会弹出 FunctionBlock 路径提示窗口，用户必预在指定路径档案内将 FB 对应的 DB 位置建立完成，接着按”**Check OK**”，会开始取得卷标信息，成功会出现提示讯息。

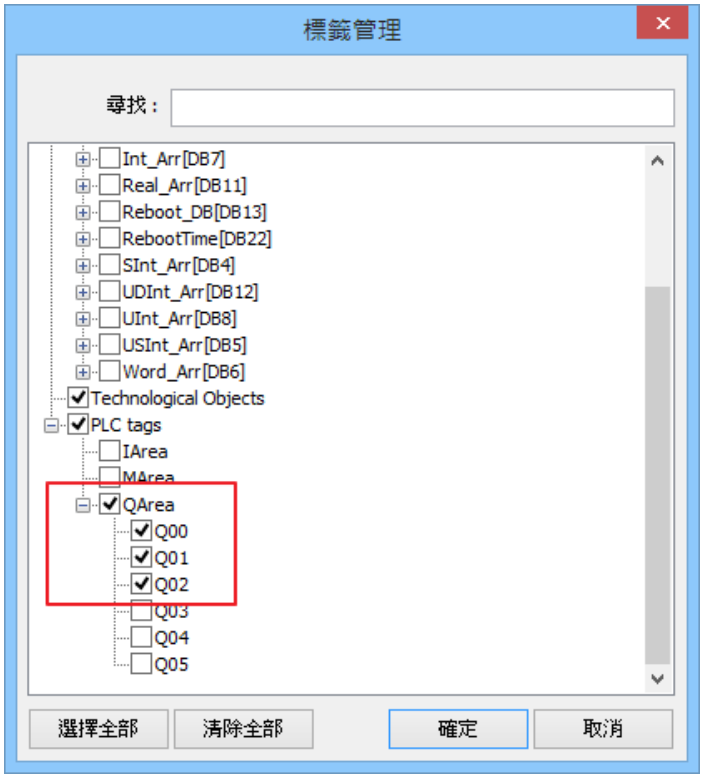




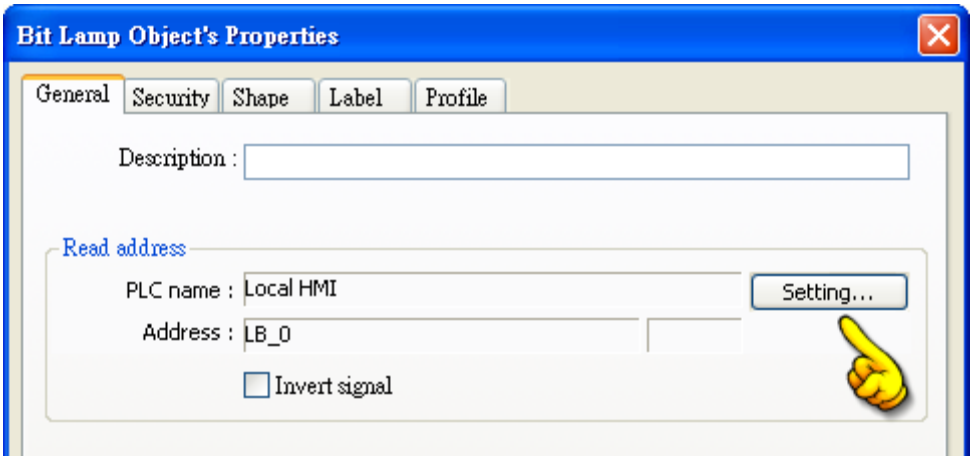




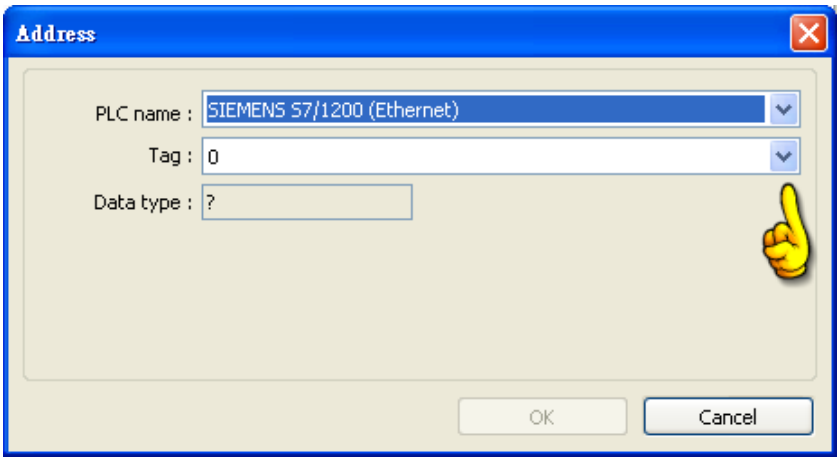
7.汇入 Siemens S7-1200 PLC 的卷标时，提供卷标管理功能，让用户选择将汇入的卷标。



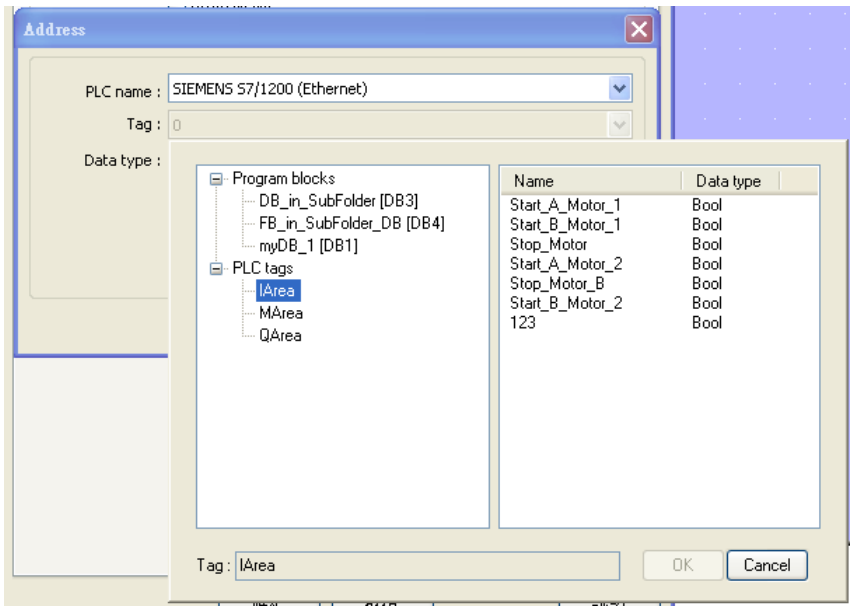
8. 建立对象后点选“设定…”



9. 在 PLC 名称选择 S7-1200,接着点选标签



10. 选择 PLC 标签



支持设备类型:

S7-1200 数据类型	EasyBuilder 数据格式	注释
Bool	bit	
Byte	16-bit BCD, Hex, Binary, Unsigned	8-bit
SInt	16-bit BCD, Hex, Binary, Signed	8-bit
USInt	16-bit BCD, Hex, Binary, Unsigned	8-bit
Word	16-bit BCD, Hex, Binary, Unsigned	16-bit
Int	16-bit BCD, Hex, Binary, Signed	16-bit
UInt	16-bit BCD, Hex, Binary, Unsigned	16-bit
DWord	32-bit BCD, Hex, Binary, Unsigned	32-bit
DInt	32-bit BCD, Hex, Binary, Signed	32-bit
Real	32-bit Float	32-bit
UDInt	32-bit BCD, Hex, Binary, Unsigned	32-bit
Array	Word array for ASCII input and ASCII display	Length=word

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.70	Oct/7/2011	新增 Byte,SInt,UInt,UDInt 数据型态
V1.90	Apr/26/2012	新增 USInt 数据型态

Siemens S7-200

支持系列: Siemens S7/200 系列 PLC
(CPU212/214/215/216/221/222/224/226/226XM)
网站: http://www.siemens.com/entry/cc/en/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	SIEMENS S7/200		
PLC 界面	RS485 2w	RS485 2w	
传输速率	9600	9600, 19200, 187.5K	HMI 后盖贴有 MPI 187.5K 才有支援 187.5K 传输速率.
校验	Even	Even, Odd, None	
数据位	8	7,8	
停止位	1	1, 2	
PLC 站号	2	1 ~ 126	
通讯延时 (毫秒)	5		
ACK 讯号延时(毫秒)	30		

在线仿真	YES	扩展模式	NO
广播命令	NO		

PLC 设定:

通讯模式	Set station number as 2

设备类型:

字符/位	设备类型	格式	范围	注释
B	I	DDDDo	0 ~ 40957	Input (I)
B	Q	DDDDo	0 ~ 40957	Output (O)
B	M	DDDDo	0 ~ 40957	Bit Memory
B	VW_Bit	DDDDDo	0 ~ 102397	V Memory Bit Address
B	S	DDDDo	0 ~ 40957	SCR
B	SM	DDDDo	0 ~ 40957	Special Memory
B	T_Bit	DDD	0 ~ 255	Timer

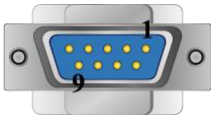
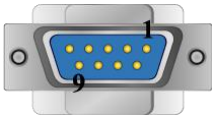
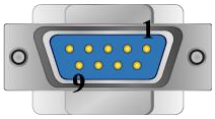
字符/位	设备类型	格式	范围	注释
B	C_Bit	DDD	0 ~ 255	Counter
Byte	VB	DDDDD	0 ~ 10239	V Memory
W	VW	DDDDD	0 ~ 10239	V Memory
W	VW_Odd	DDDDD	0 ~ 10239	V Memory
DW	VD	DDDDD	0 ~ 10239	V Memory Double Word
DW	VD_Odd	DDDDD	0 ~ 10239	V Memory Double Word
W	VW_String	DDDDD	0 ~ 10239	String
W	VW_String_Odd	DDDDD	0 ~ 10239	String
DW	VD_String	DDDDD	0 ~ 10239	String
DW	VD_String_Odd	DDDDD	0 ~ 10239	String
Byte	MB	DDDDD	0 ~ 10239	Byte Memory
W	MW	DDDDD	0 ~ 10239	Word Memory
W	MW_Odd	DDDDD	0 ~ 10239	Word Memory
DW	MD	DDDDD	0 ~ 10239	Word Memory
Byte	SB	DDDDD	0 ~ 10239	SCR
W	SW	DDDDD	0 ~ 10239	SCR
DW	SD	DDDDD	0 ~ 10239	SCR
Byte	SMB	DDDDD	0 ~ 10239	Special Memory
W	SMW	DDDDD	0 ~ 10239	Special Memory
DW	SMD	DDDDD	0 ~ 10239	Special Memory
W	T	DDD	0 ~ 255	Timer
W	C	DDD	0 ~ 255	Counter

- Double word 和 Floating point 数值需使用 VD 设备类型.

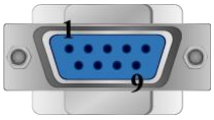
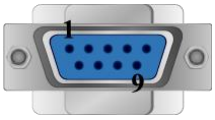
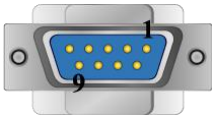
接线图:

以下图表示从连接线的焊接端所视.

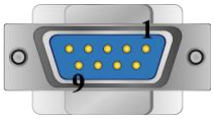
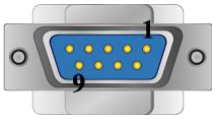
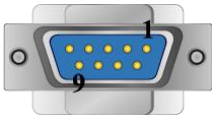
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		8 D-
2 RX+	9 Data+		3 D+
5 GND	5 GND		5 GND
			

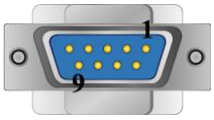
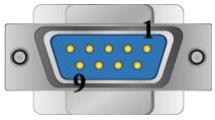
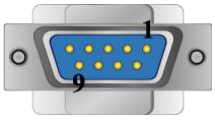
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
7 RX-	4 Data-		8 D-
6 RX+	1 Data+		3 D+
5 GND	5 GND		5 GND
			

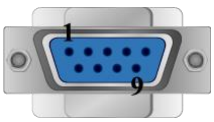
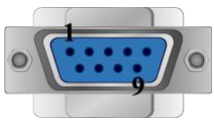
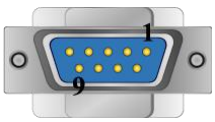
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		8 D-
2 RX+	8 Data+		3 D+
5 GND	9 GND		5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		8 D-
2 RX+	9 Data+		3 D+
5 GND	5 GND		5 GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		8 D-
2 RX+	8 Data+		3 D+
5 GND	5 GND		5 GND
			

驱动版本:

版本	日期	叙述
V2.30	Aug/17/2009	
V2.40	Nov/1/2011	增加地址 ：MD
V2.60	Jan/03/2013	增加地址 ：S,SB,SW,SD,SM,SMB,SMW,SMD
V2.90	Set/06/2013	增加地址 ：T_Bit,C_Bit

Siemens S7-200 (Ethernet)

支持系列: Siemens S7/200 Ethernet 系列 PLC (CPU212/214/215/216/221/222/224/226/226XM)搭配 CP243-1 网络模块

网站: http://www.siemens.com/entry/cc/en/

HMI 设定:

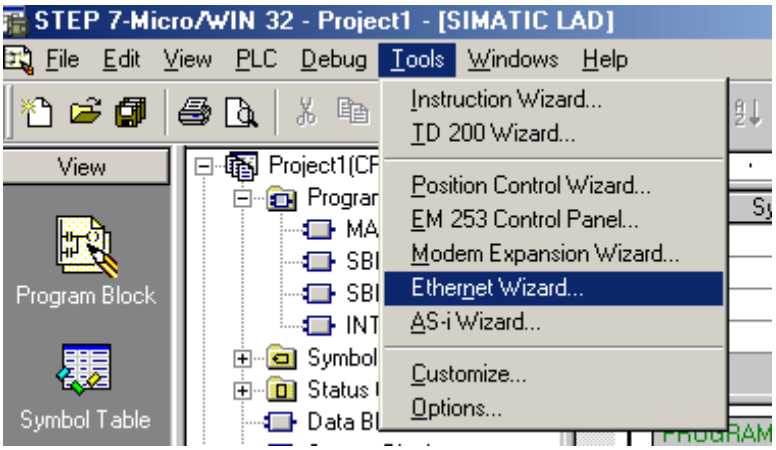
参数设定	推荐	选项	注释
PLC 类型	Siemens S7/200 (Ethernet)		
PLC 界面	Ethernet		
端口	102		
PLC 站号	1	0-31	

PLC 设定:

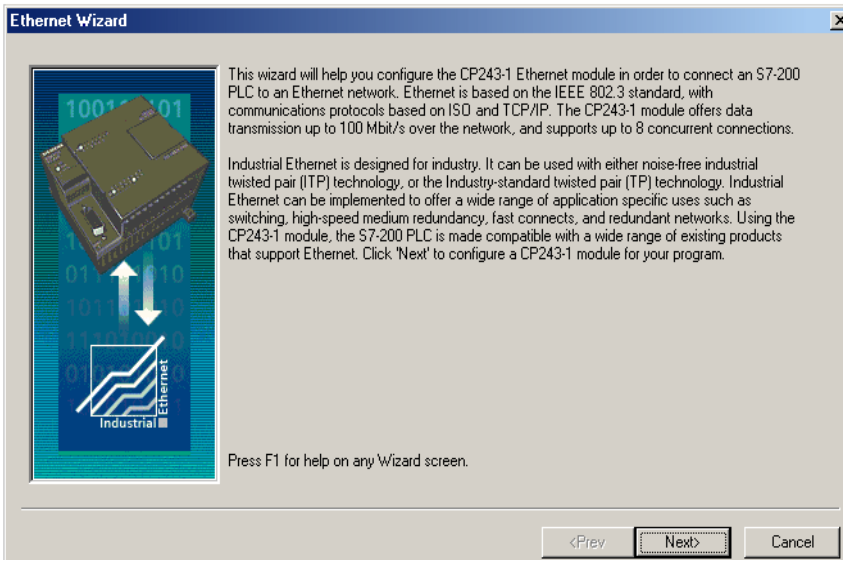
S7200 Ethernet 多台联机设定

步骤 1: 开启以太网络精灵

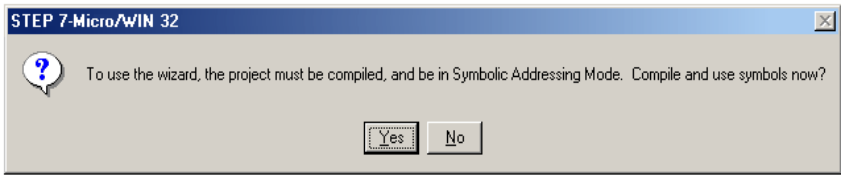
1. 在 Micro/WIN 软件的选单中，选择 **Tools / Ethernet Wizard**



2. 接着点选 **Next**

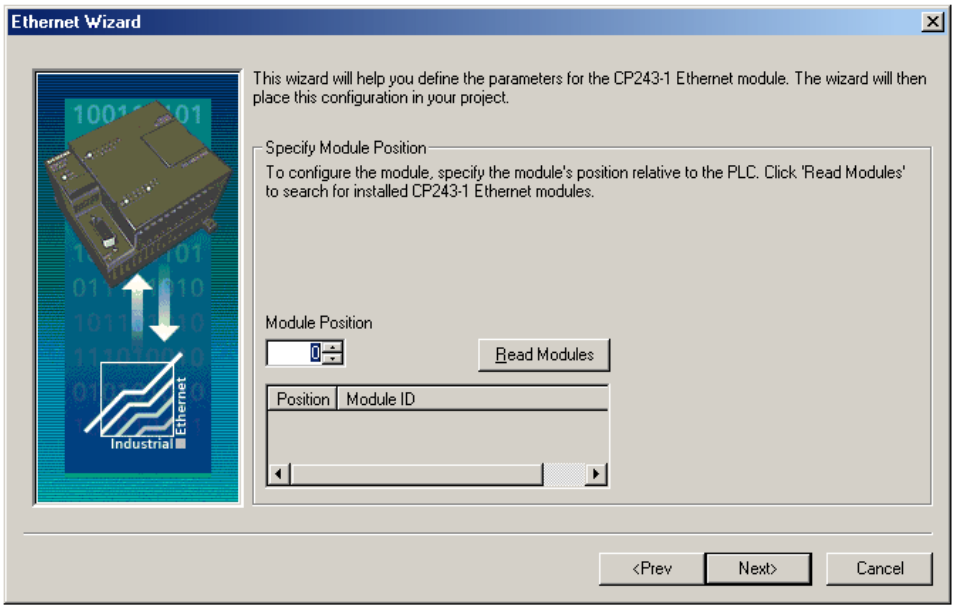


3. 点选 **Yes** 继续

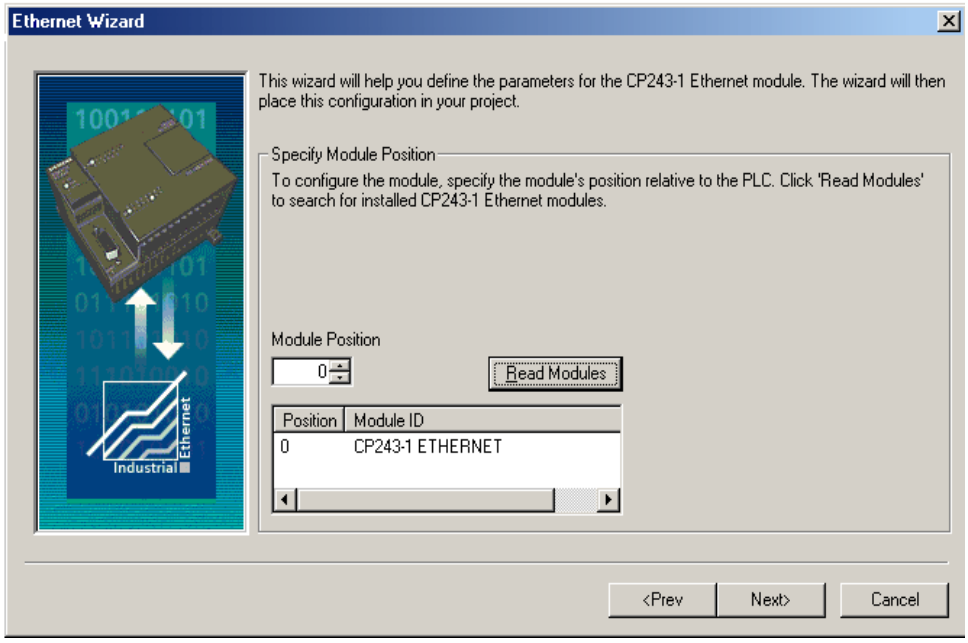


步骤 2: 设定 CP243-1 模块

1. 点选 **Read Modules**

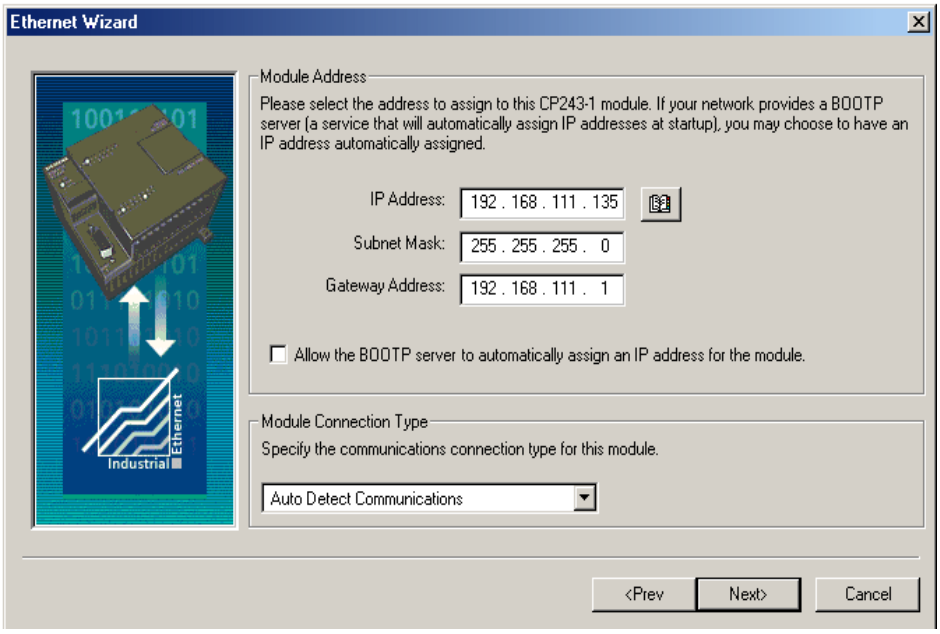


2. 可看到模块读取的结果，选择 **Ethernet module**，点选 **Next**

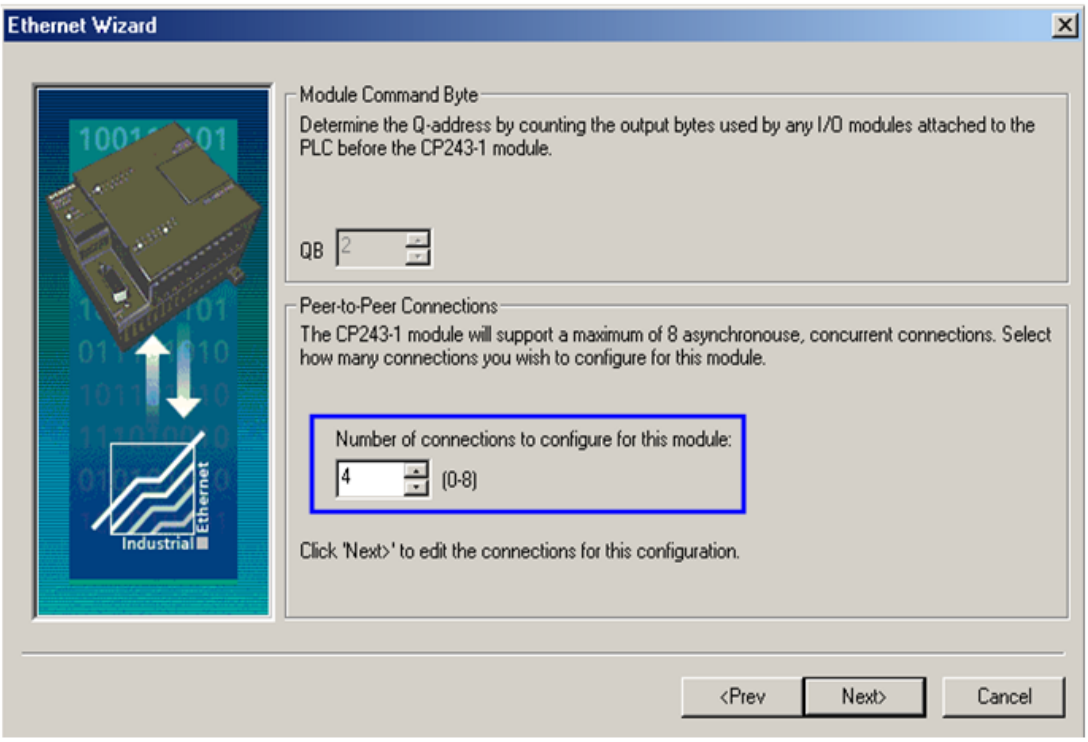


步骤 3: 模块分配地址

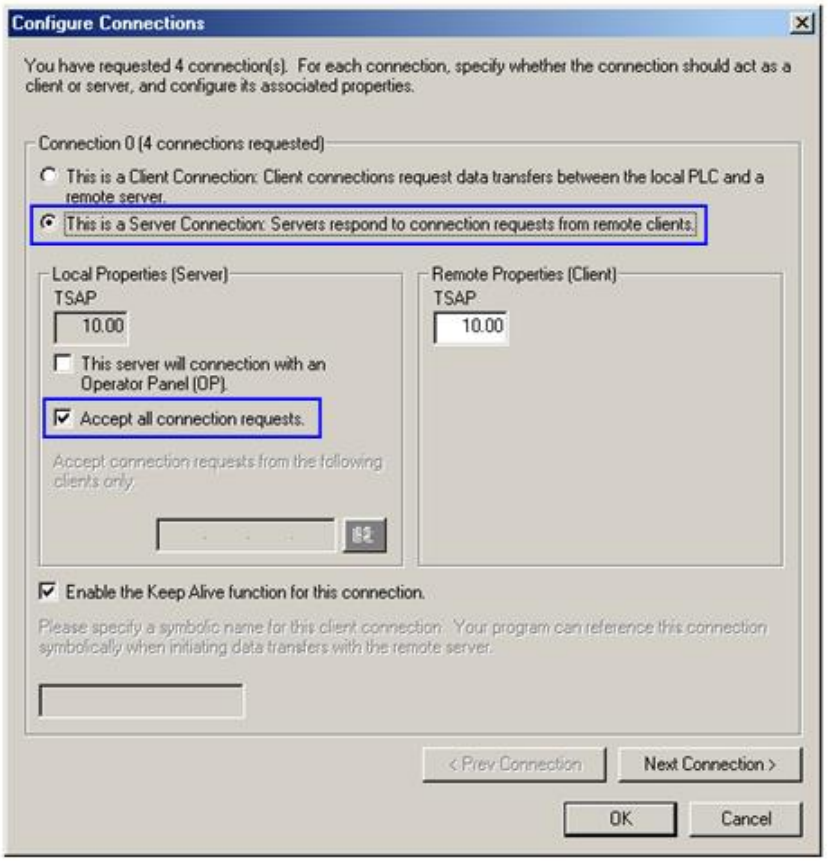
1. 点选 **Next**



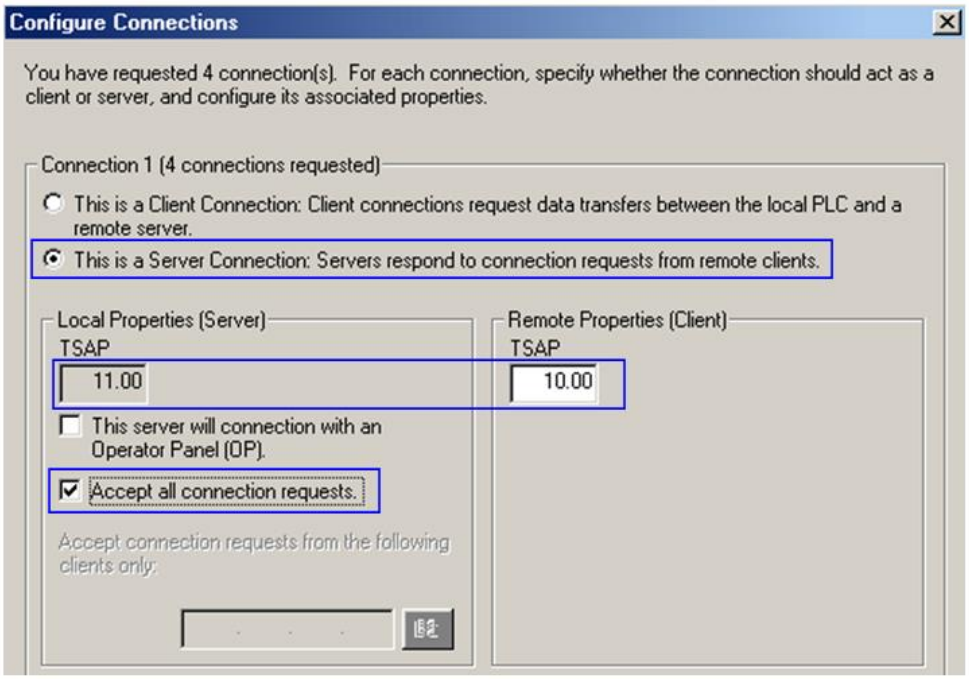
2. 输入欲连接设备的数量，如果输入 0，则只能利用 PG 模式做链接。下图表示包含 4 个连接设备。



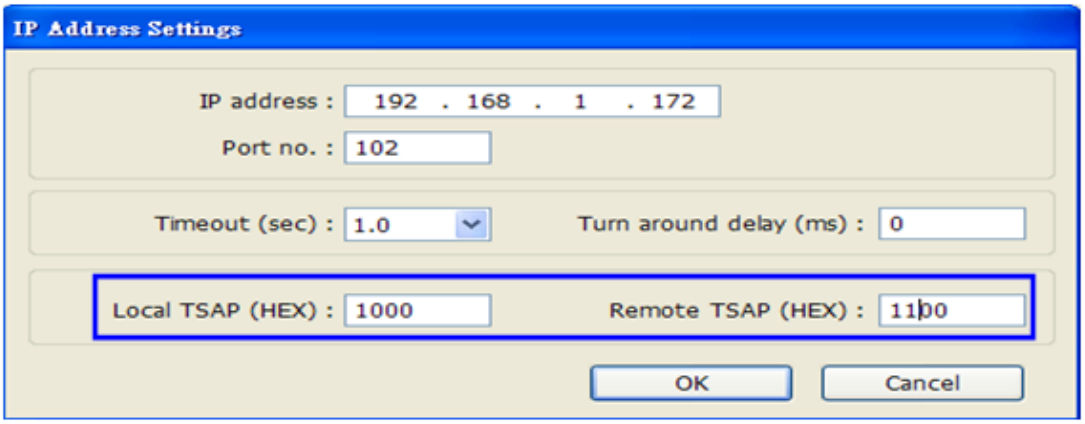
3. Connection0 ->选择 **This is a Server Connection...**.
请注意 **Local TSAP** 自动地被增加到 **10.00**



4. Connection1，选择 **This is a Server Connection...**.
   请注意 **Local TSAP** 自动地被增加到 **11.00**



5. 以上完成设定后，于 EasyBuilder 参数设定部份，输入的 Local TSAP 与 Remote TSAP 必需与原厂软件相反，即可呈现多台联机。



设备类型:

字符/位	设备类型	格式	范围	注释
B	I	DDDDo	0 ~ 40957	Input (I)
B	Q	DDDDo	0 ~ 40957	Output (O)
B	M	DDDDo	0 ~ 40957	Bit Memory
B	VW_Bit	DDDDDo	0 ~ 102397	V Memory Bit Address
B	S	DDDDo	0 ~ 40957	SCR
B	SM	DDDDo	0 ~ 40957	Special Memory
W	VW	DDDDD	0 ~ 10239	V Memory
DW	VD	DDDDD	0 ~ 10239	V Memory Double Word
W	VW_String	DDDDD	0 ~ 10239	String
DW	VD_String	DDDDD	0 ~ 10239	String
DW	MD	DDDDD	0 ~ 10239	Word Memory
Byte	SB	DDDDD	0 ~ 10239	SCR
W	SW	DDDDD	0 ~ 10239	SCR
DW	SD	DDDDD	0 ~ 10239	SCR
Byte	SMB	DDDDD	0 ~ 10239	Special Memory
W	SMW	DDDDD	0 ~ 10239	Special Memory
DW	SMD	DDDDD	0 ~ 10239	Special Memory

- Double word 和 Floating point 数值需使用 VD 设备类型.

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.20	Dec/30/2008	
V1.40	Nov/1/2011	增加 MD 地址
V1.60	Jan/07/2013	增加地址型态 ：S,SB,SW,SD,SM,SMB,SMW,SMD

Siemens S7-200 (VD any address)

支持系列: Siemens S7/200 系列 PLC
(CPU212/214/215/216/221/222/224/226/226XM)

网站: http://www.siemens.com/entry/cc/en/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Siemens S7-200 (VD any address)		
PLC 界面	RS485 2w	RS485 2w	
传输速率	9600	9600, 19200, 187.5K	HMI 后盖贴有 MPI 187.5K 才有支援 187.5 K 传输速率.
校验	Even	Even, Odd, None	
数据位	8	7,8	
停止位	1	1, 2	
PLC 站号	2	1 ~ 126	
通讯延时 (毫秒)	5		
参数 1	30		ACK delay time

在线仿真	YES	扩展模式	NO
广播命令	NO		

PLC 设定:

通讯模式	Set station number as 2

设备类型:

字符/位	设备类型	格式	范围	注释
B	I	DDDDo	0 ~ 40957	Input (I)
B	Q	DDDDo	0 ~ 40957	Output (O)
B	M	DDDDo	0 ~ 40957	Bit Memory
B	VW_Bit	DDDDDo	0 ~ 102397	V Memory Bit Address
B	S	DDDDo	0 ~ 40957	SCR
B	SM	DDDDo	0 ~ 40957	Special Memory

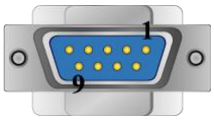
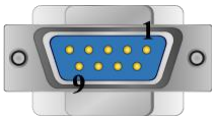
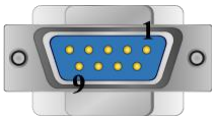
字符/位	设备类型	格式	范围	注释
W	VW	DDDDD	0 ~ 10239	V Memory
DW	VD	DDDDD	0 ~ 10239	V Memory Double Word
W	VW_String	DDDDD	0 ~ 10239	String
DW	VD_String	DDDDD	0 ~ 10239	String
W	MW	DDDDD	0 ~ 10239	Word Memory
W	T	DDD	0 ~ 255	Timer
W	C	DDD	0 ~ 255	Counter
DW	MD	DDDDD	0 ~ 10239	Word Memory
Byte	SB	DDDDD	0 ~ 10239	SCR
W	SW	DDDDD	0 ~ 10239	SCR
DW	SD	DDDDD	0 ~ 10239	SCR
Byte	SMB	DDDDD	0 ~ 10239	Special Memory
W	SMW	DDDDD	0 ~ 10239	Special Memory
DW	SMD	DDDDD	0 ~ 10239	Special Memory

- Double word 和 Floating point 数值需使用 VD 设备类型.
- VD 不一定需要设定为 4 的倍数,可设定范围内的内意值.

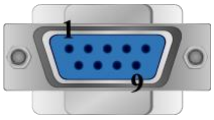
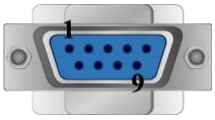
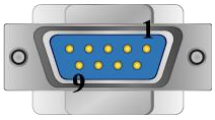
接线图:

以下图表示从连接线的焊接端所视.

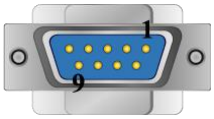
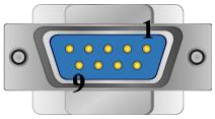
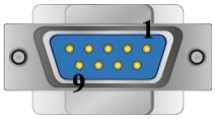
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		8 D-
2 RX+	9 Data+		3 D+
5 GND	5 GND		5 GND
			

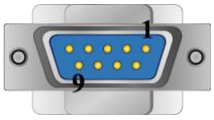
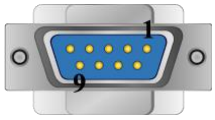
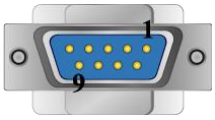
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
7 RX-	4 Data-		8 D-
6 RX+	1 Data+		3 D+
5 GND	5 GND		5 GND
			

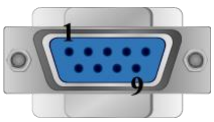
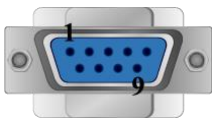
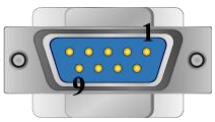
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		8 D-
2 RX+	8 Data+		3 D+
5 GND	9 GND		5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		8 D-
2 RX+	9 Data+		3 D+
5 GND	5 GND		5 GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		8 D-
2 RX+	8 Data+		3 D+
5 GND	5 GND		5 GND
			

驱动版本:

版本	日期	叙述
V1.20	Nov/16/2011	增加 MD 地址
V1.40	Jan/07/2013	增加地址型态 ：S,SB,SW,SD,SM,SMB,SMW,SMD

Siemens S7-200 PPI

支持系列: Siemens S7/200 系列 PLC
(CPU212/214/215/216/221/222/224/226/226XM)
网站: http://www.siemens.com/entry/cc/en/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	SIEMENS S7/200 PPI		
PLC 界面	RS485 2w	RS485 2w	
传输速率	9600	9600, 19200, 187.5K	MT6000/8000V2 才有支援 187.5 K 传输速率.
数据位	8	7,8	
校验	Even	Even, Odd, None	
停止位	1	1, 2	
通讯延时 (毫秒)	5		
ACK 讯号延时(毫妙)	30		
PLC 站号	2	1 ~ 126	

在线仿真	YES	扩展模式	YES
广播命令	NO		

PLC 设定:

PLC 设定	PLC 站号不可与 HMI 站号重复

设备类型:

字符/位	设备类型	格式	范围	注释
B	I	DDDDo	0 ~ 40957	Input (I)
B	Q	DDDDo	0 ~ 40957	Output (O)
B	M	DDDDo	0 ~ 40957	Bit Memory
B	VW_Bit	DDDDDo	0 ~ 102397	V Memory Bit Address
B	S	DDDDo	0 ~ 40957	SCR
B	SM	DDDDo	0 ~ 40957	Special Memory
B	T_Bit	DDD	0 ~ 255	Timer
B	C_Bit	DDD	0 ~ 255	Counter

字符/位	设备类型	格式	范围	注释
Byte	VB	DDDDD	0 ~ 10239	
W	VW	DDDDD	0 ~ 10239	V Memory
W	VW_Odd	DDDDD	0 ~ 10239	V Memory
DW	VD	DDDDD	0 ~ 10239	V Memory Double Word
DW	VD_Odd	DDDDD	0 ~ 10239	V Memory Double Word
W	VW_String	DDDDD	0 ~ 10239	String
W	VW_String_Odd	DDDDD	0 ~ 10239	String
DW	VD_String	DDDDD	0 ~ 10239	String
DW	VD_String_Odd	DDDDD	0 ~ 10239	String
Byte	MB	DDDDD	0 ~ 10239	Byte Memory
W	MW	DDDDD	0 ~ 10239	Word Memory
W	MW_Odd	DDDDD	0 ~ 10239	Word Memory
W	T	DDD	0 ~ 255	Timer
W	C	DDD	0 ~ 255	Counter
DW	MD	DDDDD	0 ~ 10239	Word Memory
Byte	SB	DDDDD	0 ~ 10239	SCR
W	SW	DDDDD	0 ~ 10239	SCR
DW	SD	DDDDD	0 ~ 10239	SCR
Byte	SMB	DDDDD	0 ~ 10239	Special Memory
W	SMW	DDDDD	0 ~ 10239	Special Memory
DW	SMD	DDDDD	0 ~ 10239	Special Memory

- Double Word 和 Floating Point 数值需使用 VD 设备类型

多机多屏通讯架构设定:



当欲使用多机多屏的通讯架构于 S7/200 PLC 时，可选择使用 S7/200 PPI 驱动来实现，请参考以下设定。

在 EasyBuilder 的通讯端口设定方面有二项参数需要设定，如下。



1. [最大站号号码]:

用来设定 PPI 网络上所使用 HMI 的最大站号。

为了让系统运作更有效率，建议 HMI 的站号由 0 开始，并依序编号，假设在 PPI 网络使用 4 台 HMI，则此 4 台站号由 0 到 3 依序编号，并且在[最大站号号码]设定为 3。

HMI 站号请至[系统参数设定] / [HMI 属性] / [HMI 站号]设定，如下图。



2. [Gap update factor(GUF)]:

用来设定 Token 的发送条件，在 PPI 的架构中只有 HMI 拥有 Token 的权利, PLC 纯粹是被动的一方。

当掌握 Token 的 HMI 与 PLC 的通讯次数等于此项设定值时，此台 HMI 会把 Token(或 PLC 的控制权)传递给下一台 HMI。例如 GUF 设定为 1 时，表示此台 HMI 在读写到某一项地址上的数据后，即把 PLC 的控制权传送给下一台 HMI。

GUF 如设定较大，表示该台 HMI 享有较久时间的 PLC 控制权，而其他 HMI 则可能因迟迟无法得到 Token，造成与 PLC 无法通讯的现象。

注意 ：所谓一次通讯次数，表示 HMI 成功完成一次读/写 PLC 上的数据的行为



- 使用此架构时需注意 HMI 及 PLC 的站号不可重复。
- **强烈建议 HMI 站号设定由 0 开始，并依序编号,以便系统运作更有效率。**
- 于 EasyBuilder V4.50 及之后的版本支持此项功能。

穿透设定:

[指定 client IP]: 当开启穿透功能时，此项设定用来指定可以连接到 HMI 的 client 端 IP 地址。Client 端一般是指 Siemens Step 7 应用程序。



与 Siemens S7-200 PPI 和 Siemens S7-300 MPI 穿透功能有关的系统缓存器:

- [LW-10850: 取消/启用 (0 : 取消, 1 : 正常, 2 : IP 限制) (siemens 穿透功能)]。
- [LW-10851: 目的端 COM 端口 (siemens 穿透功能)]。一般是指连接 PLC 的 COM 埠。
- [LW-10852: 目的端 PLC 站号 (siemens 穿透功能)]。
- [LW-10853: 通讯协议 (0 : 未定义, 1 : PPI, 2 : MPI) (siemens 穿透功能)]。
- [LW-10854 ~ LW-10857: 连接 client 的 IP (siemens 穿透功能)]。显示目前与 HMI 连接的 client 端的 IP 地址。
- [LW-10858 ~ LW-10861: 指定的 client 的 IP (siemens 穿透功能)]。当 LW-10850 被设为 1 时，用来指定可连接到 HMI 的 client 端的 IP 地址。
- [LW-10862: 连接状态 (0 : 就绪, 1 : client 连接中) (siemens 穿透功能)]。
- [LW-10863: 执行状态 (0 : 正常, 1 : 错误) (siemens 穿透功能)]。
- [LW-10864: 最后错误码 (siemens 穿透功能)]。

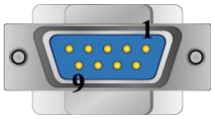
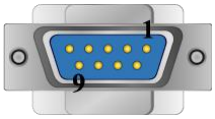
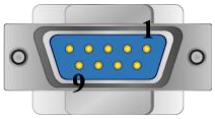
下表解释错误码所表示的内容及可能的错误原因:

错误码	内容描述	错误原因
0	执行正常。	
1	禁止 client 端连接到 HMI。	因 HMI 已在执行穿透功能，不再接受其他 client 端的命令。
2	禁止 client 端连接到 HMI。	当 LW-10850 被设为 1 时，欲连接到 HMI 的 client 端 IP 地址与 LW-10858 ~ LW-10861 所定义的不同。
3	通讯协议错误。	LW-10853 设定错误。
4	PLC 站号错误。	LW-10852 所指定站号的 PLC 不存在。
5	通讯延时。	PLC 未正确连接。
6	通讯忙碌。	PLC 不接受穿透命令，请检查 PLC 的设定。
7	穿透命令错误。	穿透功能架设环境错误。

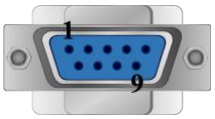
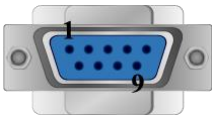
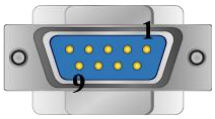
接线图:

以下图表示从连接线的焊接端所视.

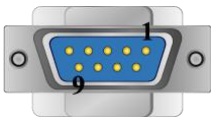
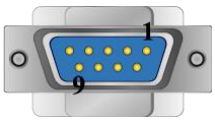
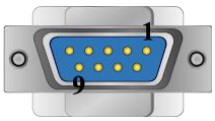
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		8 D-
2 RX+	9 Data+		3 D+
5 GND	5 GND		5 GND
			

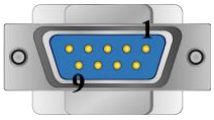
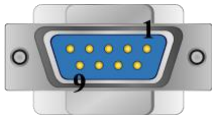
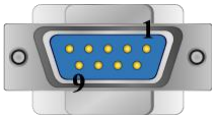
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
7 RX-	4 Data-		8 D-
6 RX+	1 Data+		3 D+
5 GND	5 GND		5 GND
			

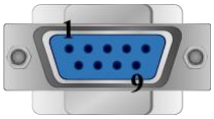
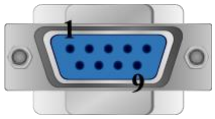
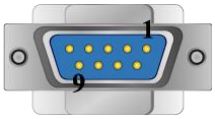
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		8 D-
2 RX+	8 Data+		3 D+
5 GND	9 GND		5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		8 D-
2 RX+	9 Data+		3 D+
5 GND	5 GND		5 GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		8 D-
2 RX+	8 Data+		3 D+
5 GND	5 GND		5 GND
			

驱动版本:

版本	日期	叙述
V1.00	Aug/15/2011	新增驱动
V1.10	Nov/17/2011	增加地址 : MD
V1.50	Jan/07/2013	增加地址 : S,SB,SW,SD,SM,SMB,SMW,SMD
V2.00	Set/06/2013	增加地址 : T_Bit,C_Bit

Siemens S7-200 SMART (Ethernet)

支持系列: Siemens S7/200 SMART 系列 PLC 网络模块
网站: http://www.siemens.com/entry/cc/en/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Siemens S7/200 (Ethernet)		
PLC 界面	Ethernet		
端口	102		
PLC 站号	2		

在线仿真	Yes	多台 HMI 联机	Yes

*最多允许四台 HMI 与 PLC 同时联机。

设备类型:

字符/位	设备类型	格式	范围	注释
B	I	DDo	0 ~ 317	Input
B	Q	DDo	0 ~ 317	Output
B	M	DDo	0 ~ 317	Bit Memory
B	V	DDDDDo	0 ~ 204797	V Memory bit
B	S	DDo	0 ~ 317	SCR
B	SM	DDDDo	0 ~ 15357	Special Memory Bit
B	Timer	DDD	0 ~ 255	Timer
B	Counter	DDD	0 ~ 255	Counter
W	MW	DD	0 ~ 30	Word Memory
W	VW	DDDDD	0 ~ 20478	V Memory
W	SMW	DDDD	0 ~ 1534	Special Memory
W	T	DDD	0 ~ 255	Timer
W	C	DDD	0 ~ 255	Counter
W	AIW	DDD	0 ~ 110	Analog input
W	AQW	DDD	0 ~ 110	Analog Output
DW	VD	DDDDD	0 ~ 20476	V Memory (Double Word)

- Double word 和 Floating point 数值需使用 VD 设备类型.

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.00	Oct/5/2012	发布驱动程序.
V1.20	Jun/14/2013	新增可多台 HMI 同时联机的功能

Siemens S7-200 SMART PPI

支持系列: Siemens S7-200 SMART 系列 PLC
网站: http://www.siemens.com/entry/cc/en/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	SIEMENS S7/200 PPI		
PLC 界面	RS485 2W	RS485 2W	
传输速率	9600	9600, 19200, 187.5K	MT6000/8000V2 才有支援 187.5 K 传输速率.
数据位	8	7,8	
校验	Even	Even, Odd, None	
停止位	1	1, 2	
通讯延时 (毫秒)	5		
ACK 讯号延时(毫妙)	30		
PLC 站号	2	1 ~ 126	

在线仿真	YES	扩展模式	NO
广播命令	NO		

PLC 设定:

PLC 设定	PLC 站号不可与 HMI 站号重复

设备类型:

字符/位	设备类型	格式	范围	注释
B	I	DDo	0 ~ 317	Input
B	Q	DDo	0 ~ 317	Output
B	M	DDo	0 ~ 317	Bit Memory
B	V	DDDDDo	0 ~ 204797	V Memory bit
B	S	DDo	0 ~ 317	SCR
B	SM	DDDDo	0 ~ 15357	Special Memory Bit
B	Timer	DDD	0 ~ 255	Timer
B	Counter	DDD	0 ~ 255	Counter
W	MW	DD	0 ~ 30	Word Memory

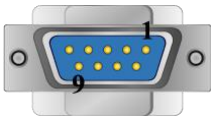
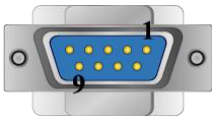
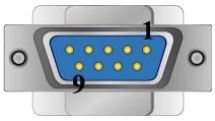
字符/位	设备类型	格式	范围	注释
W	VW	DDDDD	0 ~ 20478	V Memory
W	SMW	DDDD	0 ~ 1534	Special Memory
W	T	DDD	0 ~ 255	Timer
W	C	DDD	0 ~ 255	Counter
W	AIW	DDD	0 ~ 110	Analog input
W	AQW	DDD	0 ~ 110	Analog Output
DW	VD	DDDDD	0 ~ 20476	V Memory (Double Word)

- Double Word 和 Floating Point 数值需使用 VD 设备类型

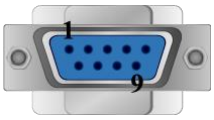
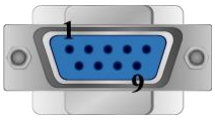
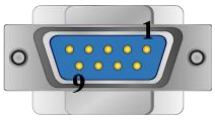
接线图:

以下图表示从连接线的焊接端所视.

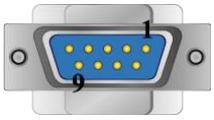
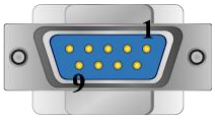
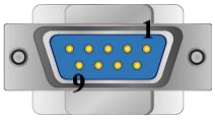
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		8 D-
2 RX+	9 Data+		3 D+
5 GND	5 GND		5 GND
			

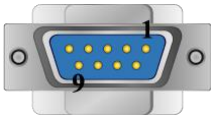
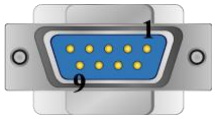
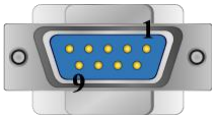
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
7 RX-	4 Data-		8 D-
6 RX+	1 Data+		3 D+
5 GND	5 GND		5 GND
			

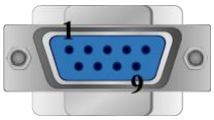
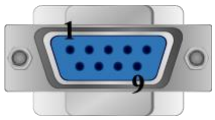
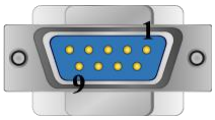
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		8 D-
2 RX+	8 Data+		3 D+
5 GND	9 GND		5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		8 D-
2 RX+	9 Data+		3 D+
5 GND	5 GND		5 GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		8 D-
2 RX+	8 Data+		3 D+
5 GND	5 GND		5 GND
			

驱动版本:

版本	日期	叙述
V1.00	Oct/5/2012	发布驱动程序.

Siemens S7-300

支持系列: Siemens S7/300 系列 PLC

网站: http://www.siemens.com/entry/cc/en/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	SIEMENS S7/300		
PLC 界面	RS232		
传输速率	19200	9600~187.5K	HMI 后盖贴有 MPI 187.5K 才有支援 187.5 K 传输速率.
校验	Odd		
数据位	8		
停止位	1		
PLC 站号	2		需与 PLC 设定相同

设备类型:

字符/位	设备类型	格式	范围	注释
B	I	DDDDo	0 ~ 40957	Input (I)
B	Q	DDDDo	0 ~ 40957	Output (O)
B	M	DDDDo	0 ~ 40957	Bit Memory
B	DBnBit	FFFFDDDDo	0 ~ 409681927	Data Register Bit
B	DB0Bit ~ DB99Bit	DDDDo	0 ~ 81927	
W	IW	DDDD	0 ~ 4095	Input (I)
W	QW	DDDD	0 ~ 4095	Output (O)
W	MW	DDDD	0 ~ 4095	Bit Memory
DW	MD	DDDD	0 ~ 4094	
Byte	MB	DDDD	0 ~ 4095	Bit Memory Byte
Byte	DBBn	FFFFDDDD	0 ~ 40968192	Data Register Byte
W	DBn	FFFFDDDD	0 ~ 40968192	Data Register (需为偶数)
DW	DBDn	FFFFDDDD	0 ~ 40968192	Data Register Double Word (需为 4 的倍数)

字符/位	设备类型	格式	范围	注释
W	DBn_String	FFFFDDDD	0 ~ 40968192	Data Register Double Word (需为 4 的倍数)
DW	DBDn_String	FFFFDDDD	0 ~ 40968192	Data Register Double Word (需为 4 的倍数)
W	DB0-DB99	DDDD	0 ~ 8192	Data Register (需为偶数)

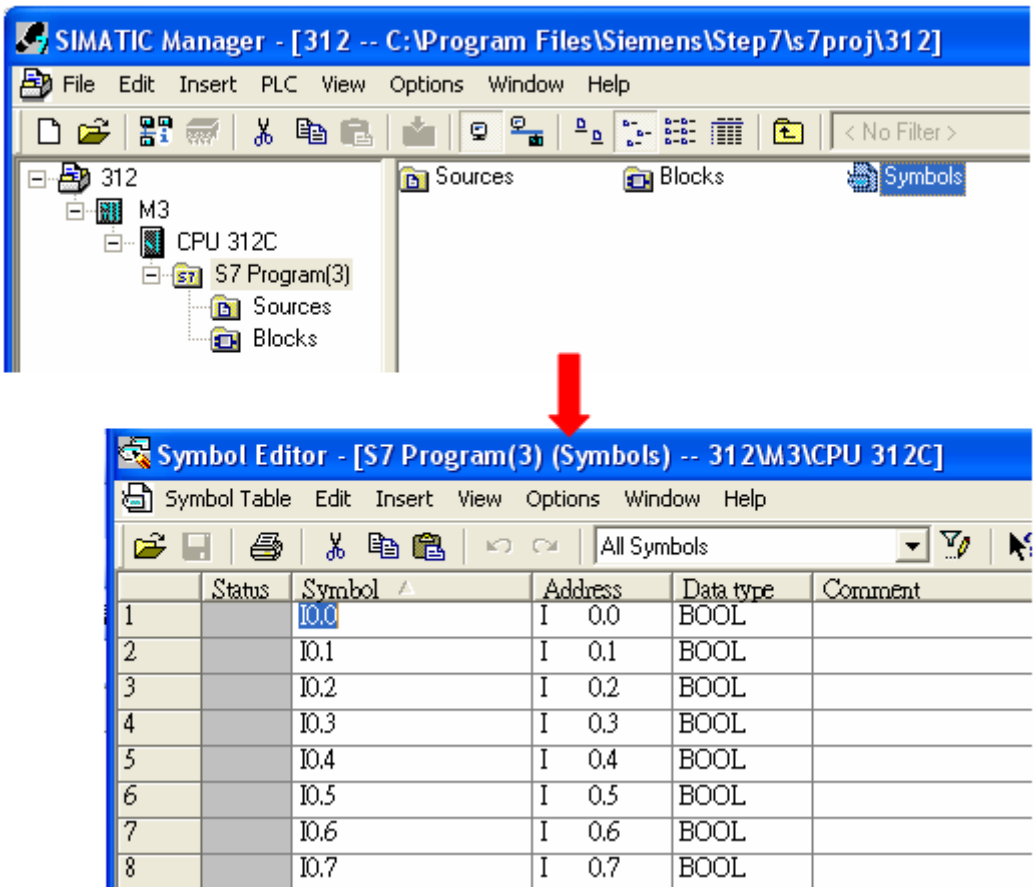
* Double word 和 Floating point 数值需使用 DBDn 设备类型.

如何汇入标签:

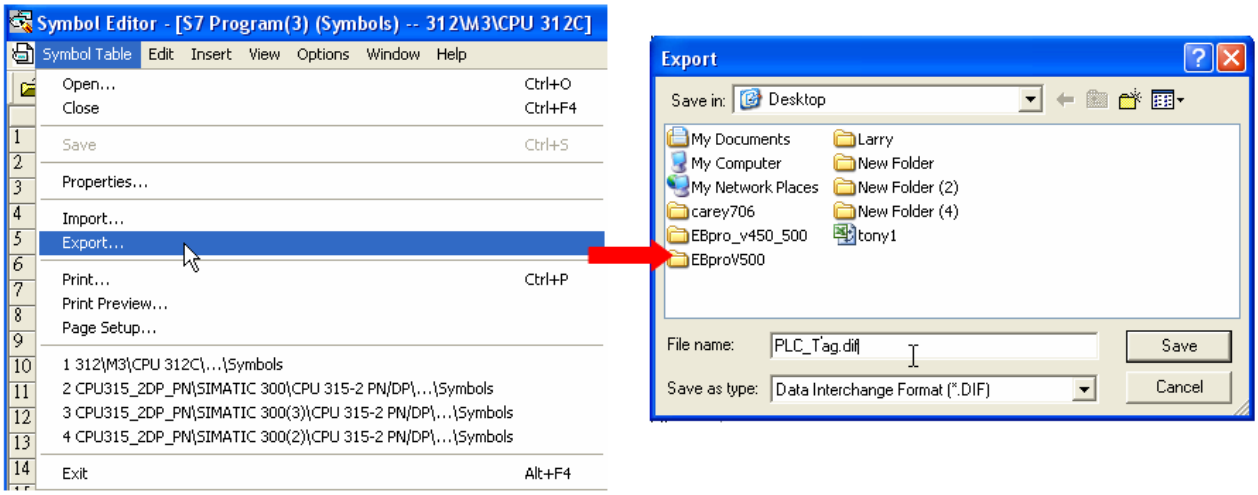
用户可以利用 SIEMENS 的 STEP 7 程序输出用户定义卷标档案(**.dif 檔**以及**.AWL 文件**),并在 EasyBuilder8000/EasyBuilderPro 的系统参数设定里汇入,以下将介绍如何产生及汇出这两种档案。

1. .dif 檔的建立

a、 在 Symbols 里将用户定义标签先建立完成

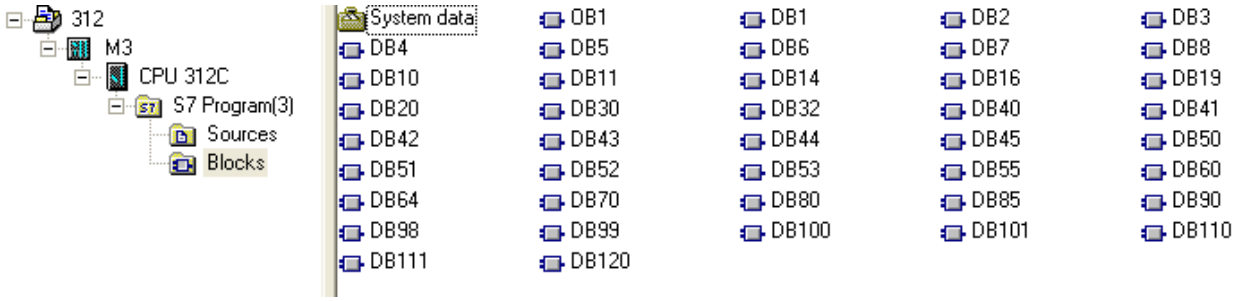


b、 接着按 **Export** 就能将编辑好的档案输出,按下 **Save** 储存完毕。

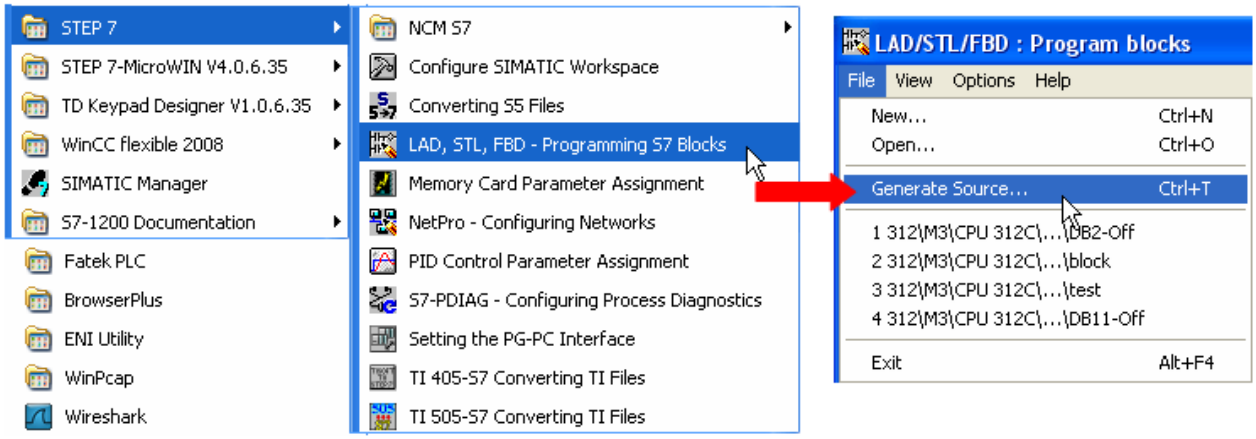


2. .AWF 檔的建立

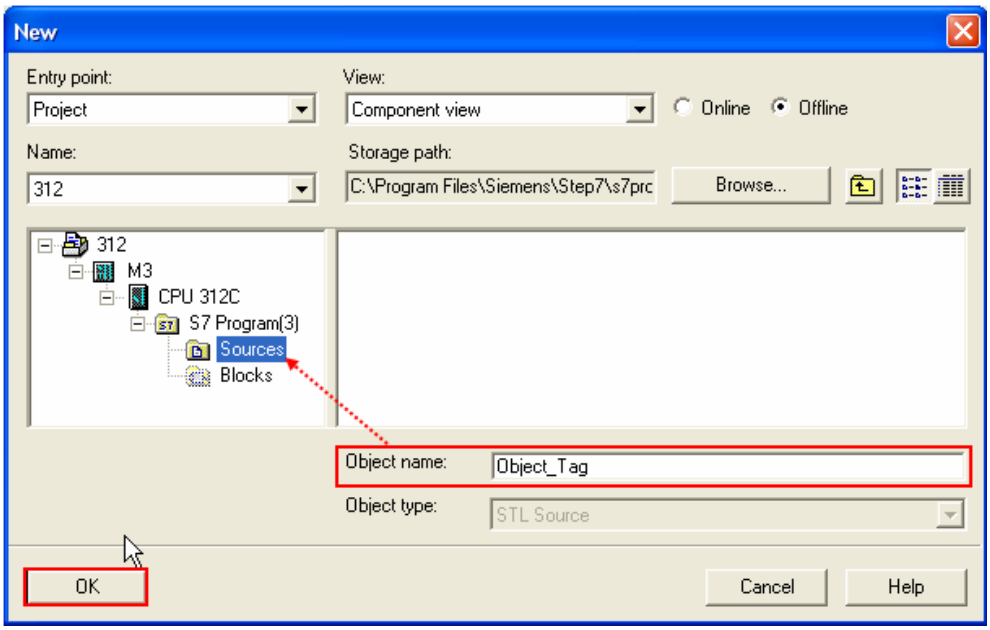
a、 用户可以在 **Blocks** 里建立对象如下图所示



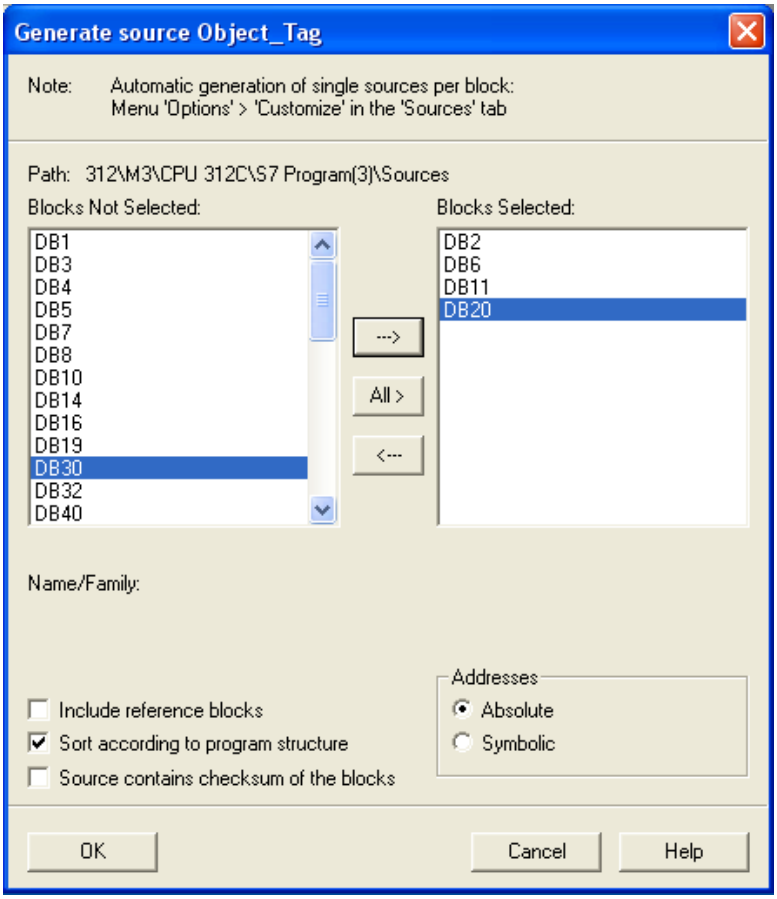
b、 开启 **LAD/STL,FBD – Programming S7 Blocks** 的程序后,点选 **File -> Generate Source**



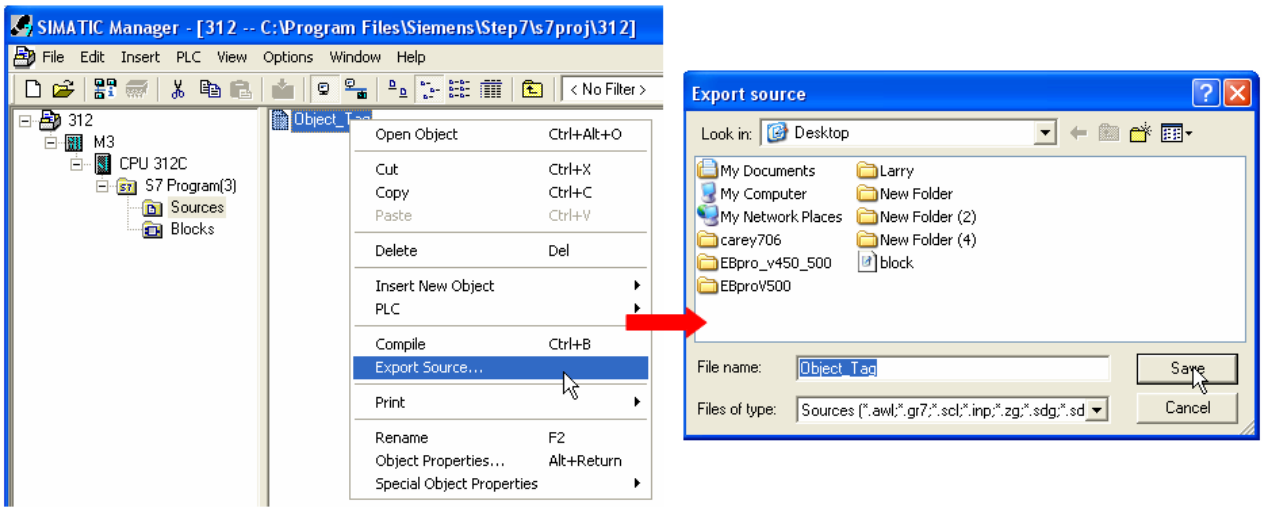
c、 选择 **Sources** 储存地址,并输入欲储存的文件名,按 **OK** 确认完成



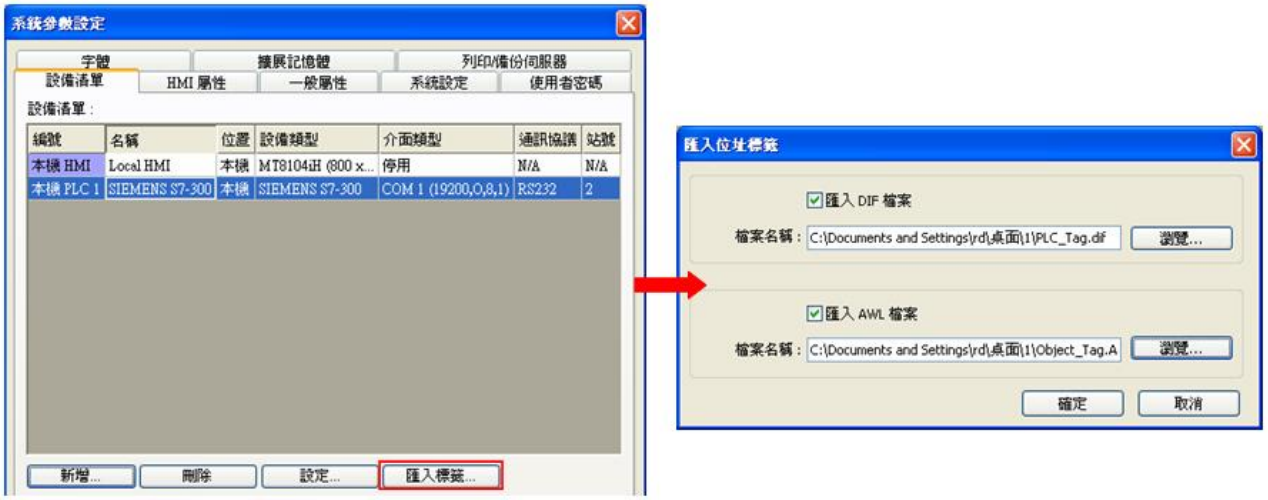
d、 选择欲导出的对象后,按 **OK** 确认



e、 此时 Sources 会出现方才储存的文件名,选择 **Export source**,即可成功的产生 AWL 档案



成功产生 dif 及 AWL 档案后,在 EasyBuilder8000/EasyBuilderPro 的**系统参数设定**里,即可进行**汇入标签**的步骤



成功汇入卷标会显示对话框如下

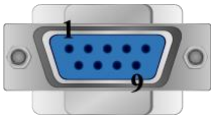
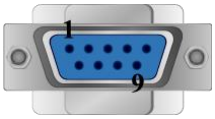
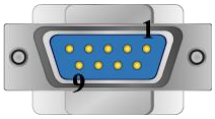


接线图:

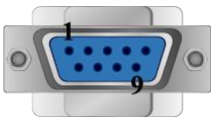
以下图表示从连接线的焊接端所视.

Siemens S7-300 PC Adapter : 9P D-Sub to 9P D-Sub:

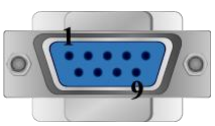
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male	
2 RX	8 RX		3 TXD	
3 TX	7 TX		2 RXD	
5 GND	5 GND		5 GND	
			7 RTS	circuit
			8 CTS	
				

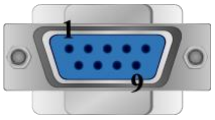
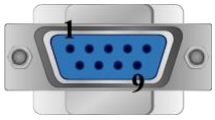
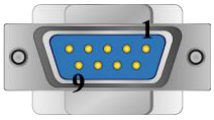
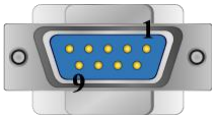
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

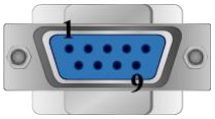
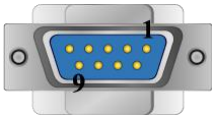
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male	
2 RX	6 RX	8 RX	3 TXD	
3 TX	4 TX	7 TX	2 RXD	
5 GND	5 GND	5 GND	5 GND	
			7 RTS	circuit
			8 CTS	
				

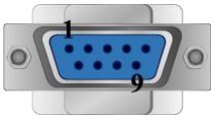
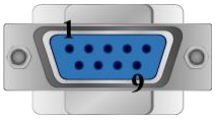
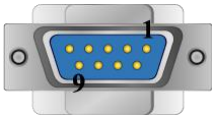
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
9 RX			3 TXD	
6 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

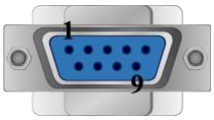
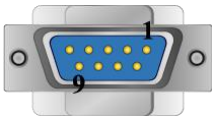
以下图表示从连接线的焊接端所视.

Systeme Helmholz SSW7-TS : 9P D-Sub to 9P D-Sub

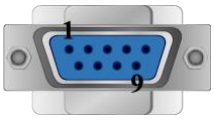
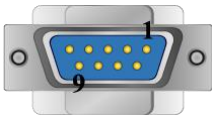
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male	
2 RX	8 RX		3 TXD	
3 TX	7 TX		2 RXD	
5 GND	5 GND		5 GND	
			7 RTS	circuit
			8 CTS	
			4 DTR	circuit
			6 DSR	
				

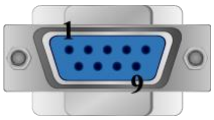
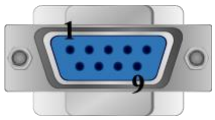
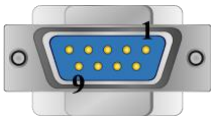
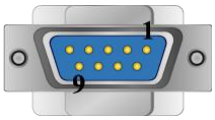
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
			4 DTR	circuit
			6 DSR	
				

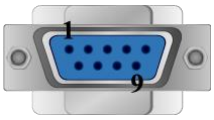
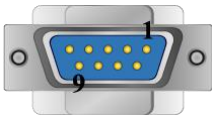
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
			4 DTR	circuit
			6 DSR	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male	
2 RX	6 RX	8 RX	3 TXD	
3 TX	4 TX	7 TX	2 RXD	
5 GND	5 GND	5 GND	5 GND	
			7 RTS	circuit
			8 CTS	
			4 DTR	circuit
			6 DSR	
				

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
9 RX			3 TXD	
6 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
			4 DTR	circuit
			6 DSR	
				

驱动版本:

版本	日期	叙述
V3.10	May/24/2011	新增 MB & DBBn 缓存器

Siemens S7-300 (ISO Ethernet)

支持系列: Siemens S7/300 Ethernet 系列 PLC, Ethernet 模块 CP-343-1, CPU315-2 PN/DP, CPU317-2 PN/DP, CPU319-3 PN/DP, ET200S.
网站: http://www.siemens.com/entry/cc/en/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Siemens S7-300 (ISO Ethernet)		
PLC 界面	Ethernet		



设备类型:

字符/位	设备类型	格式	范围	注释
B	I	DDDDo	0 ~ 40957	Input (I)
B	Q	DDDDo	0 ~ 40957	Output (O)
B	M	DDDDo	0 ~ 40957	Bit Memory
B	DBnBit	FFFFDDDDo	0 ~ 409699997	
B	DB0Bit-DB99Bit	DDDDDo	0 ~ 655327	Data Register Bit
W	IW	DDDD	0 ~ 4095	Input (I)
W	QW	DDDD	0 ~ 4095	Output (O)
W	MW	DDDD	0 ~ 4095	Bit Memory
DW	MD	DDDD	0 ~ 4094	Bit Memory Double Word
DW	MD_Anyaddr	DDDD	0 ~ 4094	Bit Memory Double Word (需为偶数)
W	DBn	FFFFDDDD	0 ~ 40969999	Data Register (需为偶数)
DW	DBDn	FFFFDDDD	0 ~ 40969999	Data Register Double Word (需为 4 的倍数)
DW	DBDn_Anyaddr	FFFFDDDD	0 ~ 40969999	Data Register Double Word (需为偶数)
W	DBn_String	FFFFDDDD	0 ~ 40969999	
DW	DBDn_String	FFFFDDDD	0 ~ 40969999	
W	DB0 ~ DB99	DDDDD	0 ~ 65532	Data Register (需为偶数)
Byte	MB	DDDD	0 ~ 4095	Bit Memory Byte
Byte	DBBn	FFFFDDDD	0 ~ 40969999	Data Register Byte

- Double word 和 Floating point 数值需使用 DBDn 设备类型.

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.00	Jan/15/2014	发布驱动程序
V1.10	Feb/21/2014	1.修正数值写入缓存器时，会先被清除为 0 的问题 2.支持多台 HMI 同时联机

Siemens S7-300 MPI

支持系列: Siemens S7-300 系列 PLC.
网站: http://www.siemens.com/entry/cc/en/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	SIEMENS S7-300 MPI		
PLC 界面	RS-485 2W		
传输速率	187.5K		HMI 背盖贴有 MPI 187.5K 才有支持 MPI 通讯.
校验	Even		
数据位	8		
停止位	1		
PLC 站号	2	2 ~ 31	

在线仿真	NO	扩展模式	Yes (X 系列不支持)
广播命令	NO		

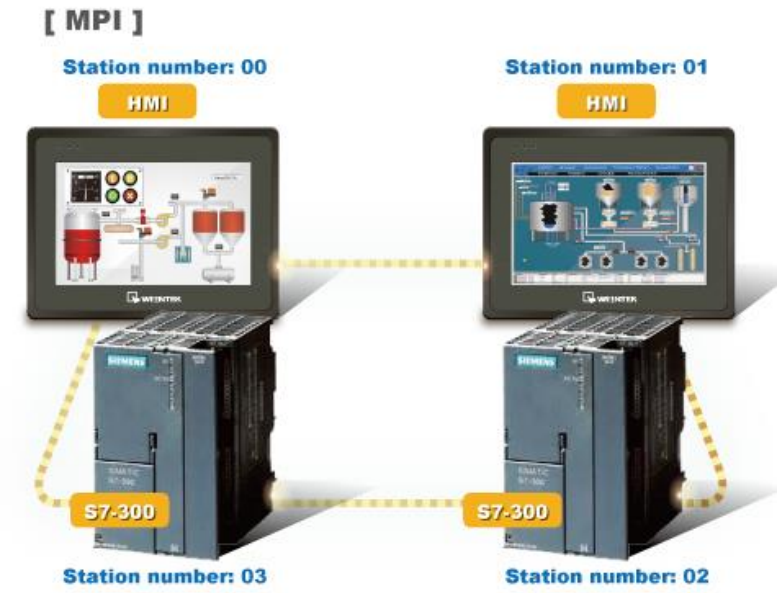
设备类型:

字符/位	设备类型	格式	范围	注释
B	I	DDDDo	0 ~ 40957	Input (I)
B	Q	DDDDo	0 ~ 40957	Output (O)
B	M	DDDDo	0 ~ 40957	Bit Memory
B	DBnBit	FFFFDDDDo	0 ~ 409699997	Data Register Bit
B	DB0Bit ~ DB99Bit	DDDDDo	0 ~ 655327	Data Register Bit
W	IW	DDDD	0 ~ 4095	Input (I)
W	QW	DDDD	0 ~ 4095	Output (O)
W	MW	DDDD	0 ~ 4095	Bit Memory
DW	MD	DDDD	0 ~ 4094	
Byte	MB	DDDD	0 ~ 4095	Bit Memory Byte
Byte	DBBn	FFFFDDDD	0 ~ 40969999	Data Register
W	DBn	FFFFDDDD	0 ~ 40969999	Data Register (需为偶数)

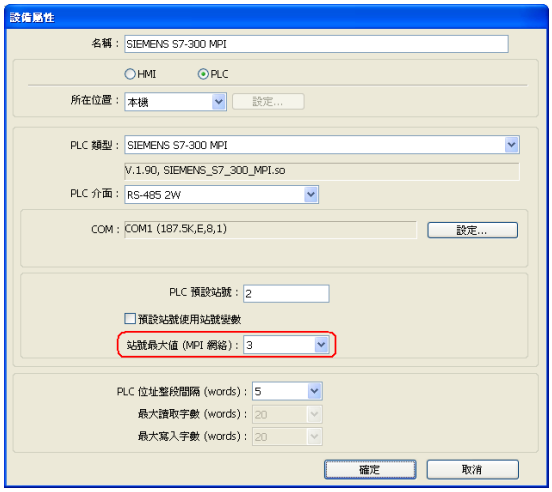
字符/位	设备类型	格式	范围	注释
DW	DBDn	FFFFDDDD	0 ~ 40969999	Data Register Double Word (需为 4 的倍数)
W	DBn_String	FFFFDDDD	0 ~ 40969999	
DW	DBDn_String	FFFFDDDD	0 ~ 40969999	
W	DB0 ~ DB99	DDDDD	0 ~ 65532	Data Register (需为偶数)

* Double word 和 Floating point 数值需使用 DBDn 设备类型.

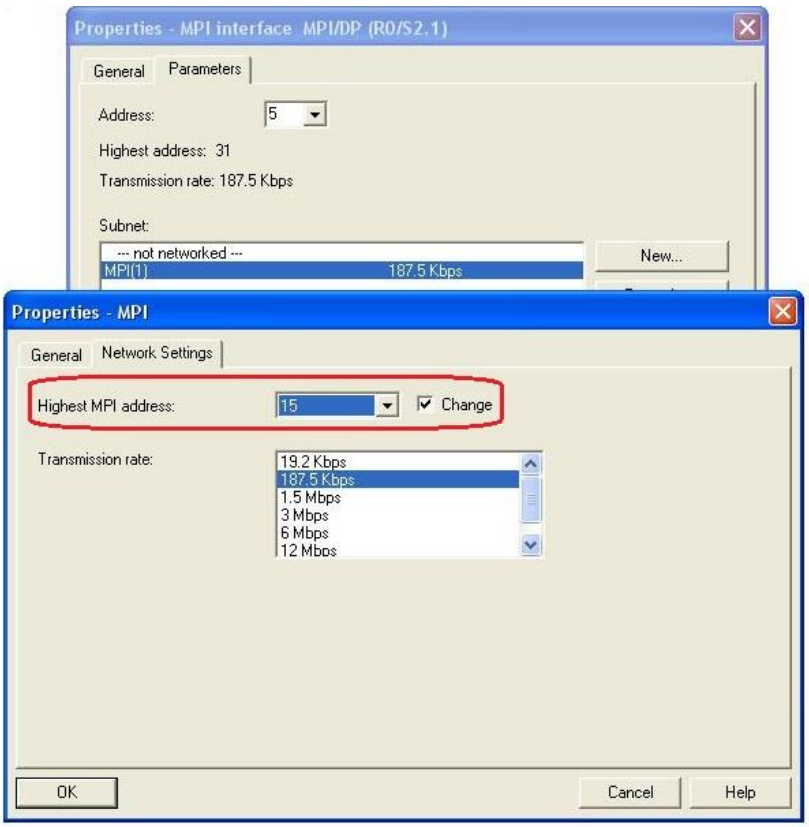
多机多屏通讯架构设定:



当欲使用 SIEMENS S7-300 MPI 驱动实现多机多屏通讯架构时，用户需正确设定 [站号最大值 (MPI 网络)]，此设定需考虑各装置的站号。如上示意图，MPI 网络上包含两台 HMI (站号分别为 0, 1) 与两台 PLC (站号分别为 2, 3)，此时站号最大值需设定为 3。



为了使得通讯更有效率，用户也可在 STEP 7 设定 PLC 的装置，如下，Properties MPI / Network Settings 页签将 Highest MPI address 选项设为最接近实际装置的站号。



■ 使用此架构时需注意 HMI 及 PLC 的站号不可重复。

■ 为了让系统运作更有效率，强烈建议网络装置间的站号从 0 开始且尽可能使用为连续数值，并正确设定 [站号最大值]。

■ 于 EasyBuilder V4.50 及之后的版本支持此项功能。

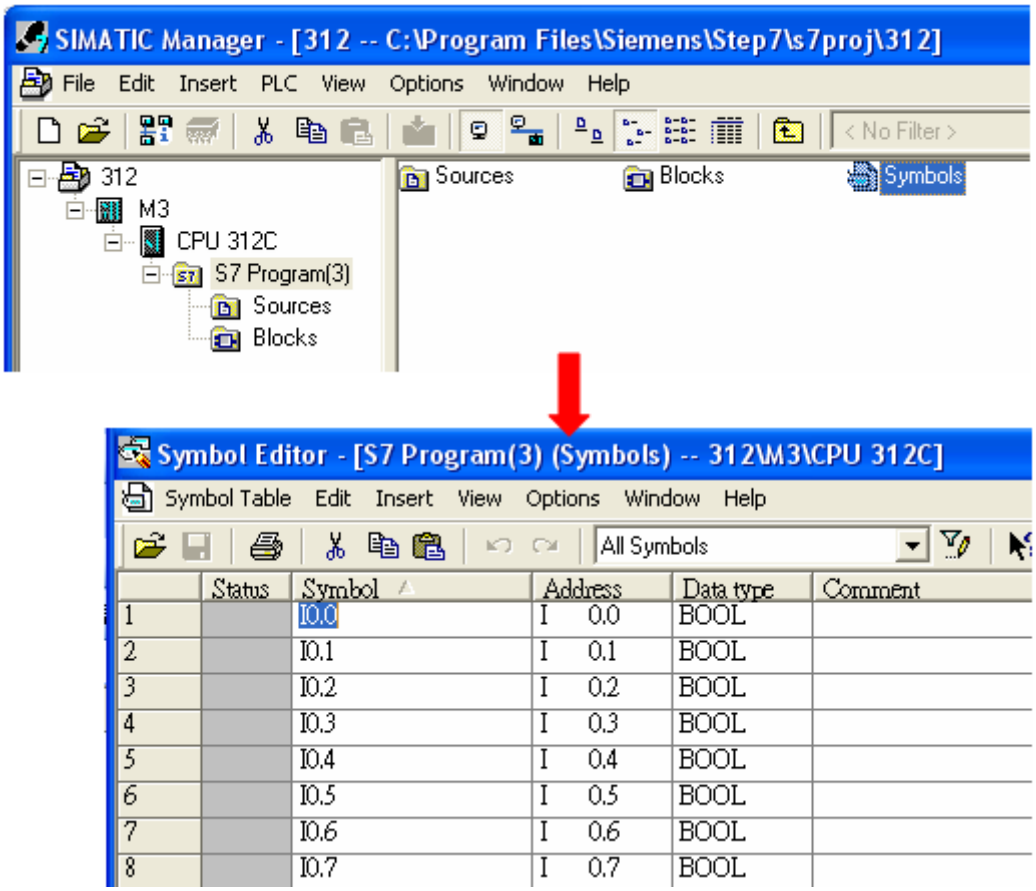
■ X 系列人机不支持多机多屏架构，仅支持单机单屏通讯架构。

如何汇入标签:

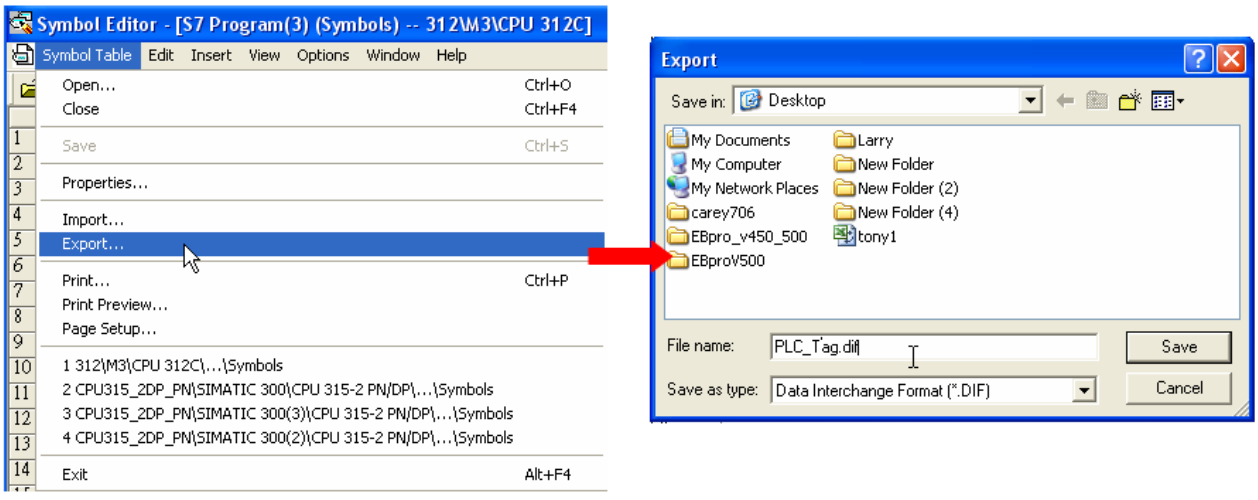
用户可以利用 SIEMENS 的 STEP 7 程序输出用户定义卷标档案(**.dif 檔**以及**.AWL 文件**),并在 EasyBuilder8000/EasyBuilderPro 的系统参数设定里汇入,以下将介绍如何产生及汇出这两种档案。

1. .dif 檔的建立

a、 在 Symbols 里将用户定义标签先建立完成

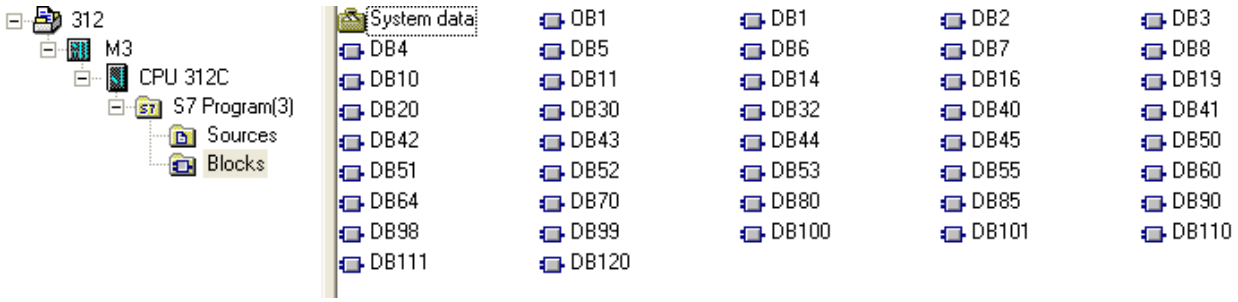


b、 接着按 **Export** 就能将编辑好的档案输出,按下 **Save** 储存完毕。

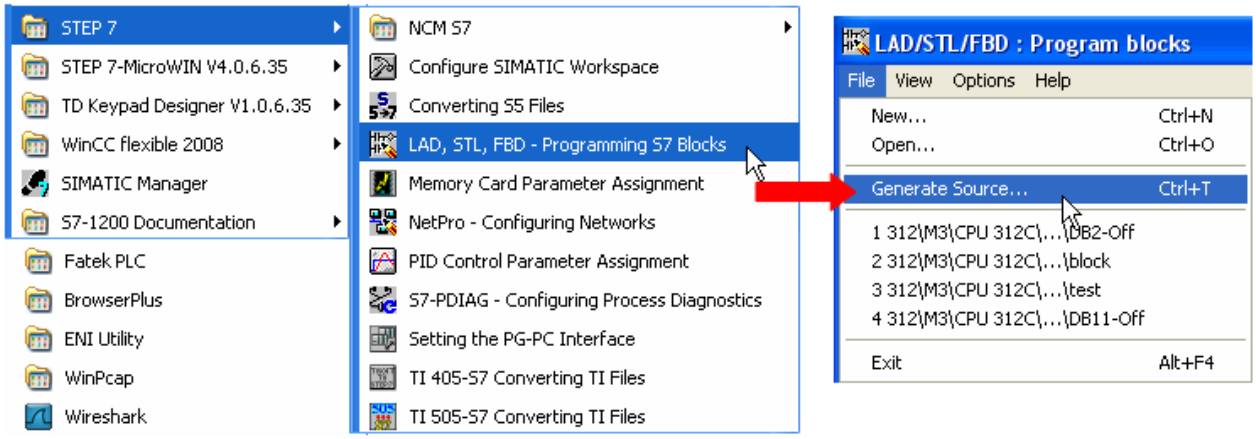


2. .AWF 檔的建立

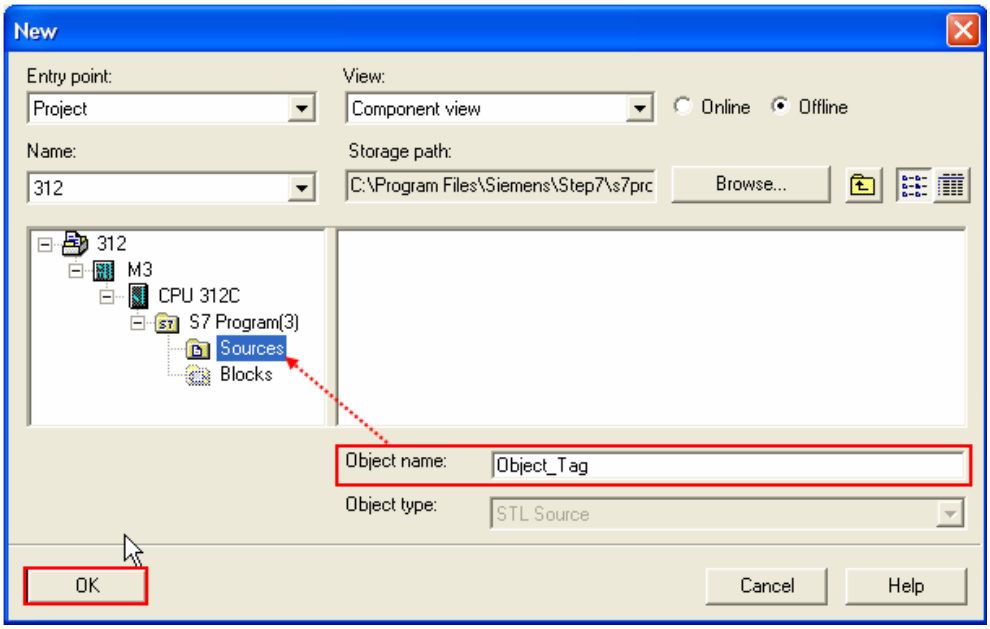
a、 用户可以在 **Blocks** 里建立对象如下图所示



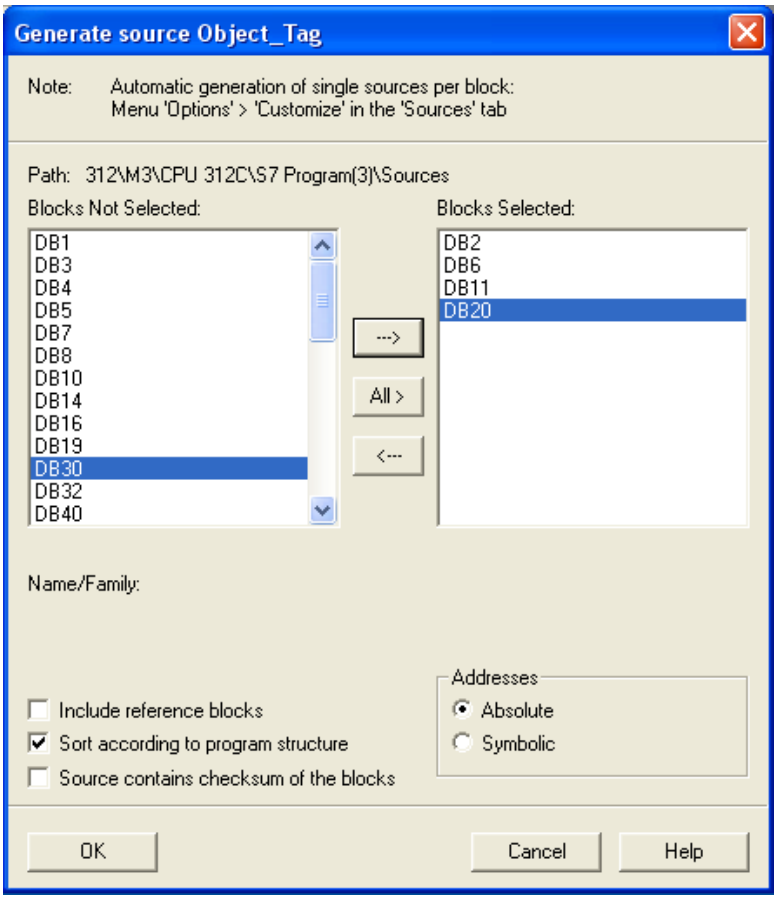
b、 开启 **LAD/STL,FBD – Programming S7 Blocks** 的程序后,点选 **File -> Generate Source**



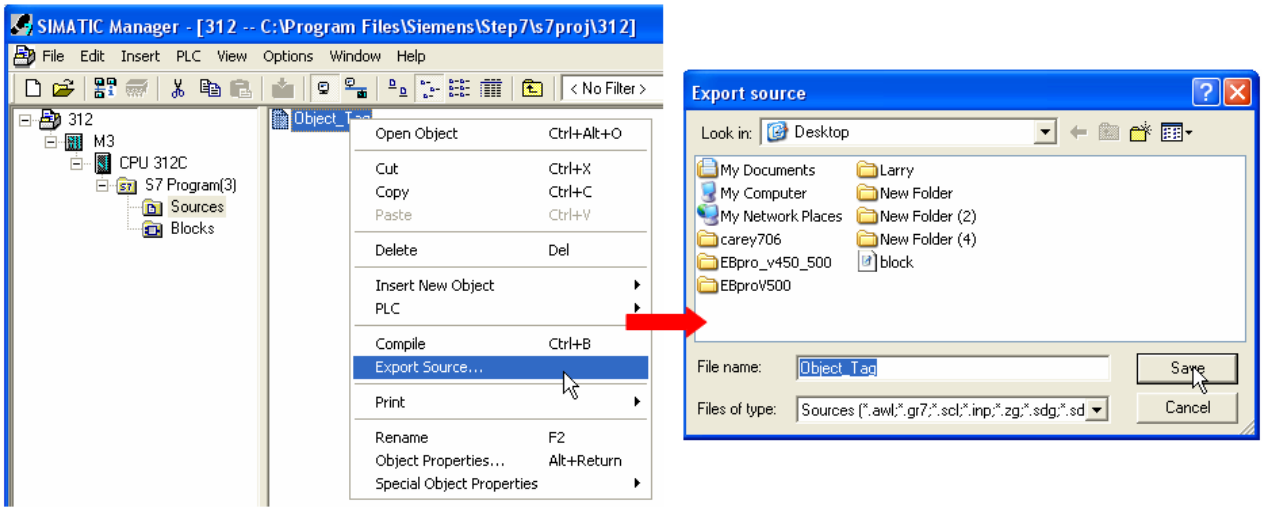
c、 选择 **Sources** 储存地址,并输入欲储存的文件名,按 **OK** 确认完成



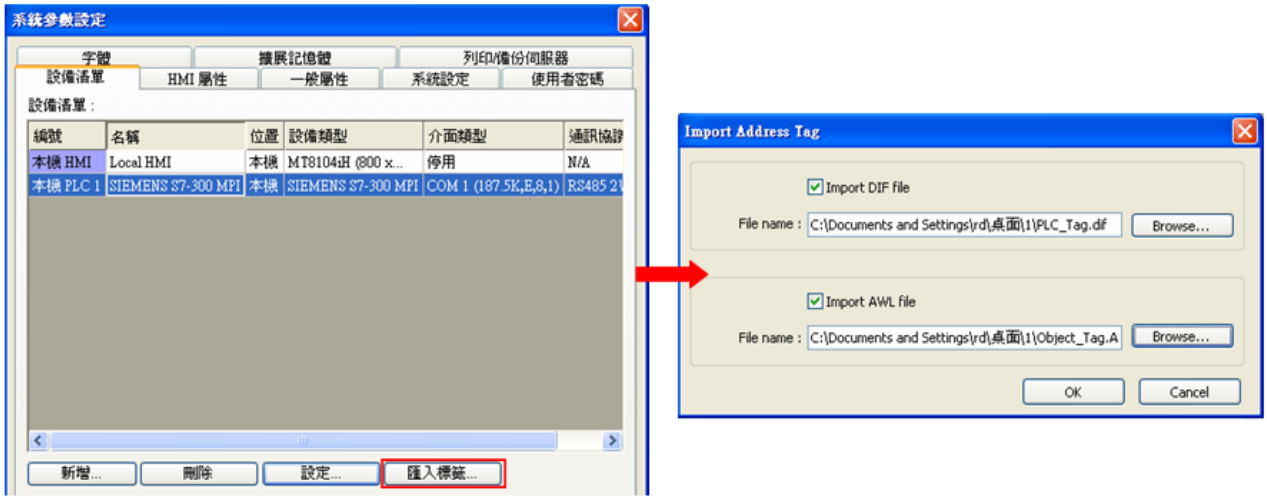
d、 选择欲导出的对象后,按 **OK** 确认



e、 此时 Sources 会出现方才储存的文件名,选择 **Export source**,即可成功的产生 AWL 档案



成功产生 dif 及 AWL 档案后,在 EasyBuilder8000/EasyBuilderPro 的**系统参数设定**里,即可进行**汇入标签**的步骤



成功汇入卷标会显示对话框如下



穿透设定:

[指定 client IP]: 当开启穿透功能时，此项设定用来指定可以连接到 HMI 的 client 端 IP 地址。Client 端一般是指 Siemens Step 7 应用程序。



与 Siemens S7-200 PPI 和 Siemens S7-300 MPI 穿透功能有关的系统缓存器:

- [LW-10850: 取消/启用 (0：取消, 1：正常, 2 : IP 限制) (siemens 穿透功能)]。
- [LW-10851: 目的端 COM 端口 (siemens 穿透功能)]。一般是指连接 PLC 的 COM 埠。
- [LW-10852: 目的端 PLC 站号 (siemens 穿透功能)]。
- [LW-10853: 通讯协议 (0：未定义, 1 : PPI, 2 : MPI) (siemens 穿透功能)]。
- [LW-10854 ~ LW-10857: 连接 client 的 IP (siemens 穿透功能)]。显示目前与 HMI 连接的 client 端的 IP 地址。
- [LW-10858 ~ LW-10861: 指定的 client 的 IP (siemens 穿透功能)]。当 LW-10850 被设为 1 时，用来指定可连接到 HMI 的 client 端的 IP 地址。
- [LW-10862: 连接状态 (0：就绪, 1 : client 连接中) (siemens 穿透功能)]。
- [LW-10863: 执行状态 (0：正常, 1：错误) (siemens 穿透功能)]。
- [LW-10864: 最后错误码 (siemens 穿透功能)]。

下表解释错误码所表示的内容及可能的错误原因:

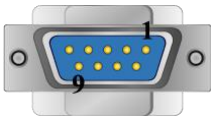
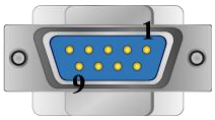
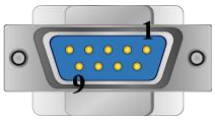
错误码	内容描述	错误原因
0	执行正常。	
1	禁止 client 端连接到 HMI。	因 HMI 已在执行穿透功能，不再接受其他 client 端的命令。
2	禁止 client 端连接到 HMI。	当 LW-10850 被设为 1 时，欲连接到 HMI 的 client 端 IP 地址与 LW-10858 ~ LW-10861 所定义的不同。
3	通讯协议错误。	LW-10853 设定错误。
4	PLC 站号错误。	LW-10852 所指定站号的 PLC 不存在。
5	通讯延时。	PLC 未正确连接。
6	通讯忙碌。	PLC 不接受穿透命令，请检查 PLC 的设定。
7	穿透命令错误。	穿透功能架设环境错误。

接线图:

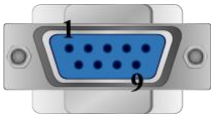
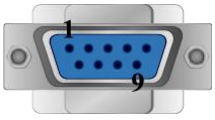
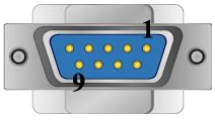
以下图表示从连接线的焊接端所视.

S7-200 PPI , S7-300 MPI :RS485 2W

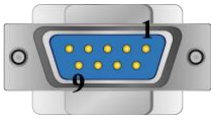
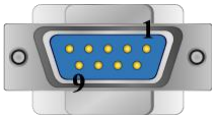
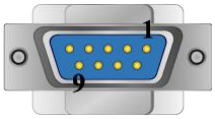
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		8 D-
2 RX+	9 Data+		3 D+
5 GND	5 GND		5 GND
			

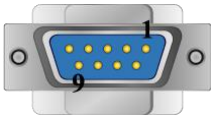
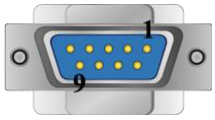
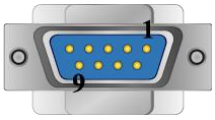
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
7 RX-	4 Data-		8 D-
6 RX+	1 Data+		3 D+
5 GND	5 GND		5 GND
			

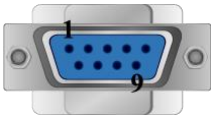
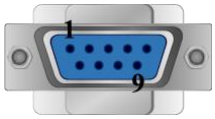
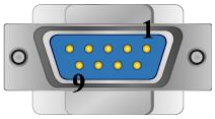
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		8 D-
2 RX+	8 Data+		3 D+
5 GND	9 GND		5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		8 D-
2 RX+	9 Data+		3 D+
5 GND	5 GND		5 GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		8 D-
2 RX+	8 Data+		3 D+
5 GND	5 GND		5 GND
			

驱动版本:

版本	日期	叙述
V1.90	May/26/2011	新增 MB & DBBn 缓存器
V2.00	Aug/19/2011	i 系列 HMI 支持多机多屏通讯架构

Siemens S7-300/ET200S (Ethernet)

支持系列: Siemens S7/300 Ethernet 系列 PLC, Ethernet 模块 CP-343-1, CPU315-2 PN/DP, CPU317-2 PN/DP, CPU319-3 PN/DP, ET200S.
网站: http://www.siemens.com/entry/cc/en/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	SIEMENS S7-300/ET200S (Ethernet)		
PLC 界面	Ethernet		
端口	102		
PLC 站号	1	0-31	

设备类型:

字符/位	设备类型	格式	范围	注释
B	I	DDDDo	0 ~ 40957	Input (I)
B	Q	DDDDo	0 ~ 40957	Output (O)
B	M	DDDDo	0 ~ 40957	Bit Memory
B	DBnBit	FFFFDDDDo	0 ~ 409699997	
B	DB0Bit-DB99Bit	DDDDDo	0 ~ 655327	Data Register Bit
W	IW	DDDD	0 ~ 4095	Input (I)
W	QW	DDDD	0 ~ 4095	Output (O)
W	MW	DDDD	0 ~ 4095	Bit Memory
DW	MD	DDDD	0 ~ 4094	Bit Memory Double Word
DW	MD_Anyaddr	DDDD	0 ~ 4094	Bit Memory Double Word (需为偶数)
W	DBn	FFFFDDDD	0 ~ 40969999	Data Register (需为偶数)
DW	DBDn	FFFFDDDD	0 ~ 40969999	Data Register Double Word (需为 4 的倍数)
DW	DBDn_Anyaddr	FFFFDDDD	0 ~ 40969999	Data Register Double Word (需为偶数)
W	DBn_String	FFFFDDDD	0 ~ 40969999	
DW	DBDn_String	FFFFDDDD	0 ~ 40969999	
W	DB0 ~ DB99	DDDDD	0 ~ 65532	Data Register (需为偶数)

字符/位	设备类型	格式	范围	注释
Byte	MB	DDDD	0 ~ 4095	Bit Memory Byte
Byte	DBBn	FFFFDDDD	0 ~ 40969999	Data Register Byte

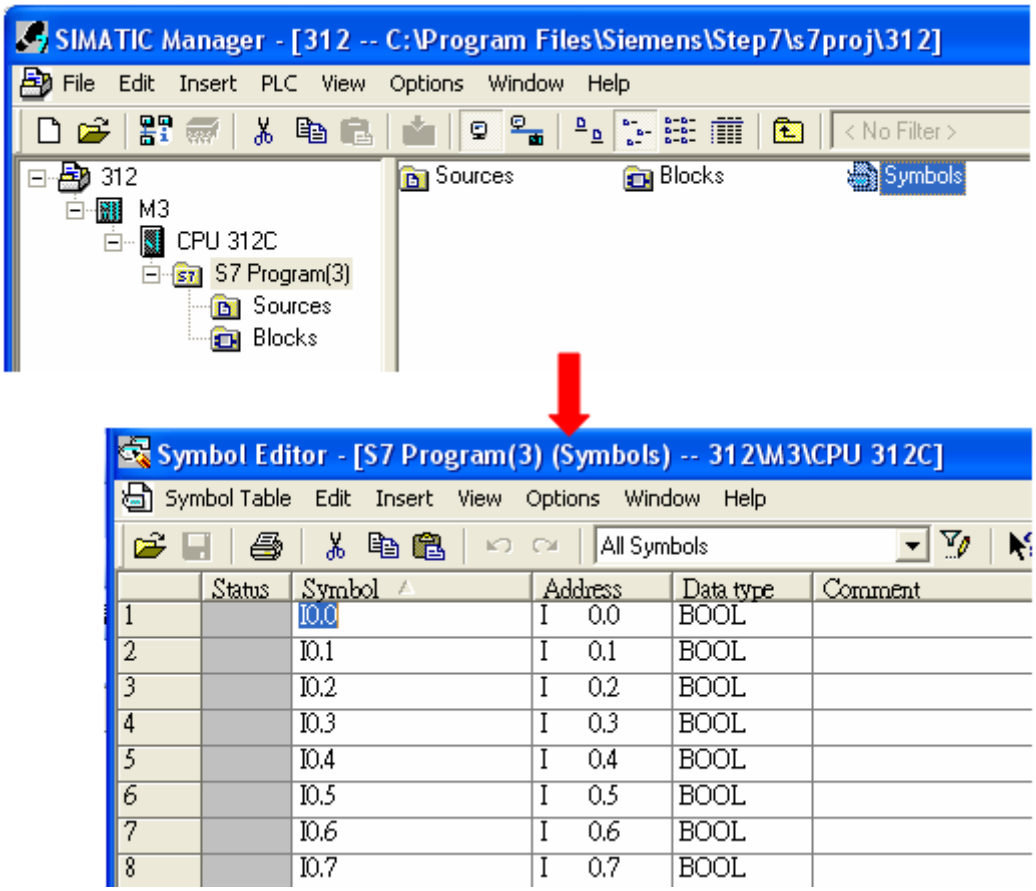
- Double word 和 Floating point 数值需使用 DBDn 设备类型.

如何汇入标签:

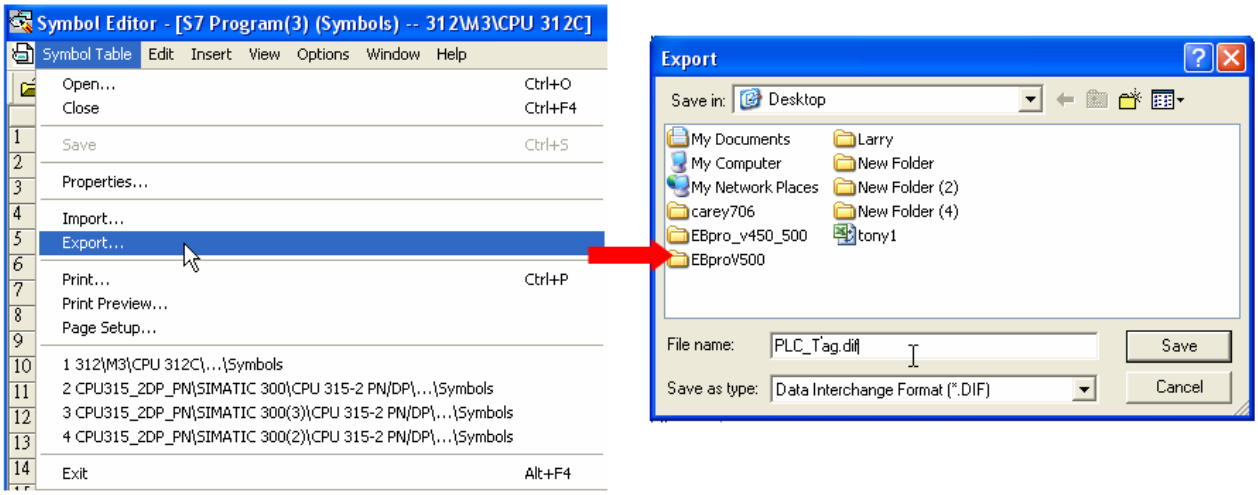
用户可以利用 SIEMENS 的 STEP 7 程序输出用户定义卷标档案(**.dif 檔**以及**.AWL 文件**),并在 EasyBuilder8000/EasyBuilderPro 的系统参数设定里汇入,以下将介绍如何产生及汇出这两种档案。

1. .dif 檔的建立

a、 在 Symbols 里将用户定义标签先建立完成

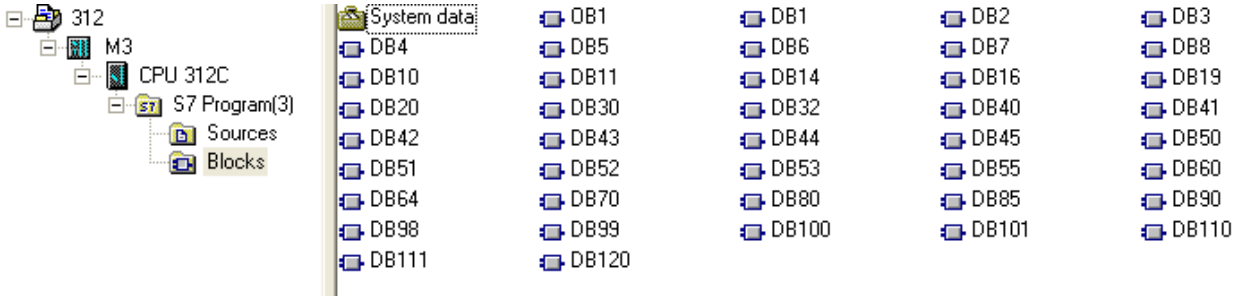


b、 接着按 **Export** 就能将编辑好的档案输出,按下 **Save** 储存完毕。

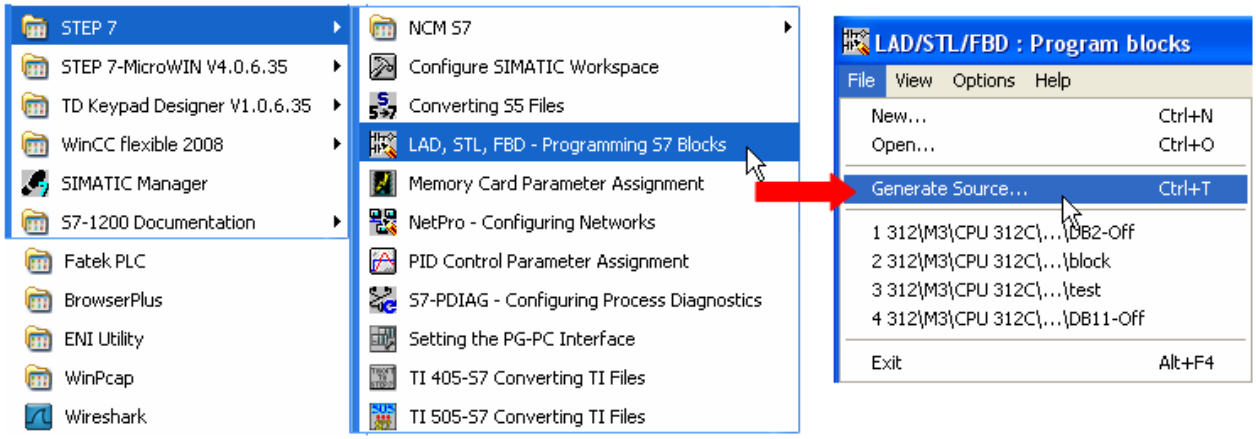


2. .AWF 檔的建立

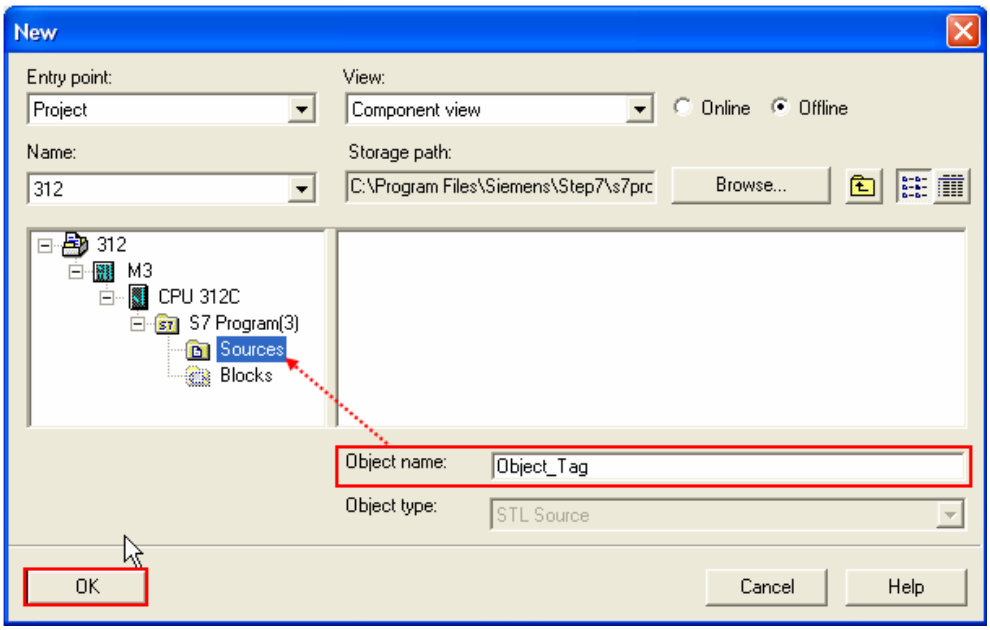
a、 用户可以在 **Blocks** 里建立对象如下图所示



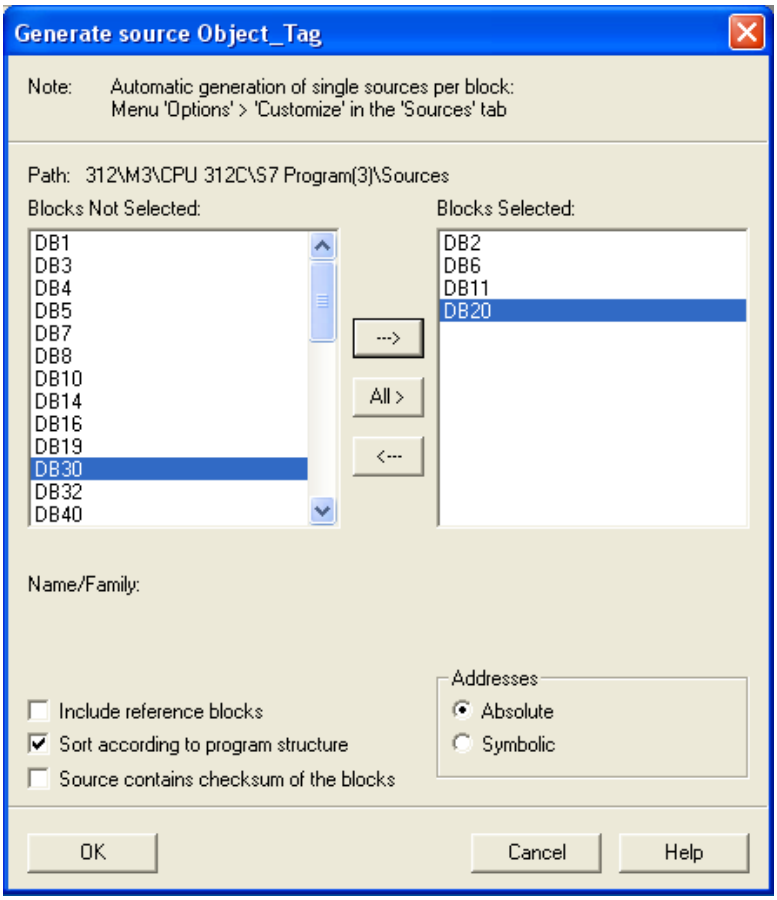
b、 开启 **LAD/STL,FBD – Programming S7 Blocks** 的程序后,点选 **File -> Generate Source**



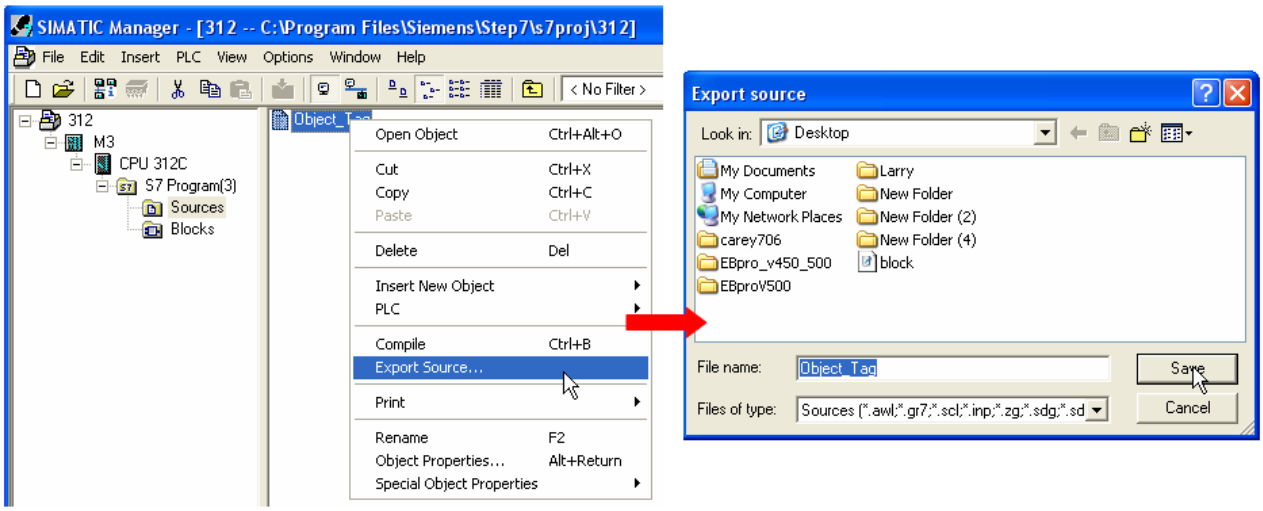
c、 选择 **Sources** 储存地址,并输入欲储存的文件名,按 **OK** 确认完成



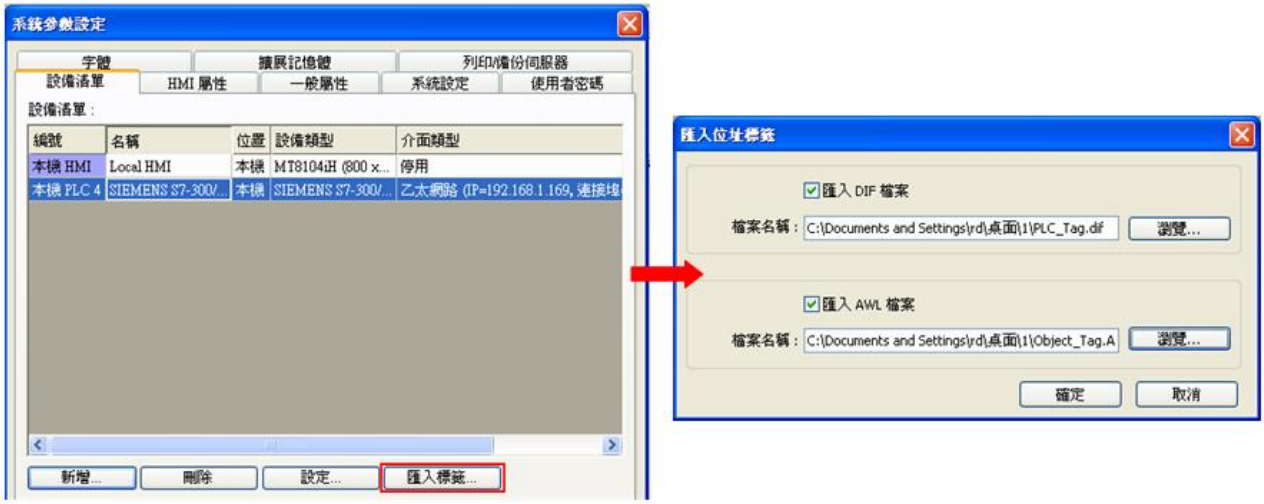
d、 选择欲导出的对象后,按 **OK** 确认



e、 此时 Sources 会出现方才储存的文件名,选择 **Export source**,即可成功的产生 AWL 档案



成功产生 dif 及 AWL 档案后,在 EasyBuilder8000/EasyBuilderPro 的**系统参数设定**里,即可进行**汇入标签**的步骤



成功汇入卷标会显示对话框如下



接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

驱动版本:

版本	日期	叙述
V2.10	May/21/2011	新增 MB & DBBn 缓存器
V2.20	Apr/25/2012	新增 MD_Anyaddr & DBDn_Anyaddr 缓存器

Siemens S7-400 (Ethernet)

支持系列: Siemens S7/400/1200 Ethernet PLC.
网站: http://www.siemens.com/entry/cc/en/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Siemens S7/400 (Ethernet)		
PLC 界面	Ethernet		
端口	102		
PLC 站号	0	0-31	
连结类型	PG	PC, OP	
机座	0	0-7	
CPU 插槽	3	1-31	连接 S7-1200 必须选择插槽 1

设备类型:

字符/位	设备类型	格式	范围	注释
B	I	DDDDo	0 ~ 40957	Input (I)
B	Q	DDDDo	0 ~ 40957	Output (O)
B	M	DDDDo	0 ~ 40957	Bit Memory
B	DBnBit	FFFFFDDDDo	0 ~ 6553599997	
B	DB0Bit-DB99Bit	DDDDDo	0 ~ 655327	Data Register Bit
W	IW	DDDD	0 ~ 4095	Input (I)
W	QW	DDDD	0 ~ 4095	Output (O)
W	MW	DDDD	0 ~ 4095	Bit Memory
DW	MD	DDDD	0 ~ 4094	
W	DBn	FFFFFDDDD	0 ~ 655359999	Data Register (需为偶数)
DW	DBDn	FFFFFDDDD	0 ~ 655359999	Data Register Double Word (需为 4 的倍数)
W	DBn_String	FFFFFDDDD	0 ~ 655359999	
DW	DBDn_String	FFFFFDDDD	0 ~ 655359999	
W	DB0 ~ DB99	DDDDD	0 ~ 65532	Data Register (需为偶数)
Byte	MB	DDDD	0 ~ 4095	Bit Memory Byte
Byte	DBBn	FFFFFDDDD	0 ~ 655359999	Data Register Byte

* Double word 和 Floating point 数值需使用 DBDn 设备类型.

接线图:

直连网络线 (跳接网络线):

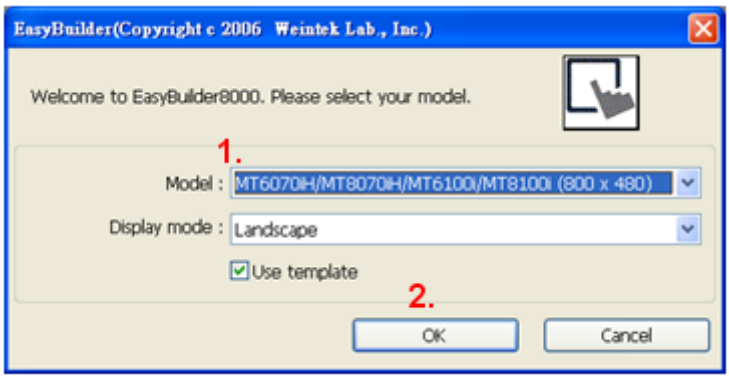
HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

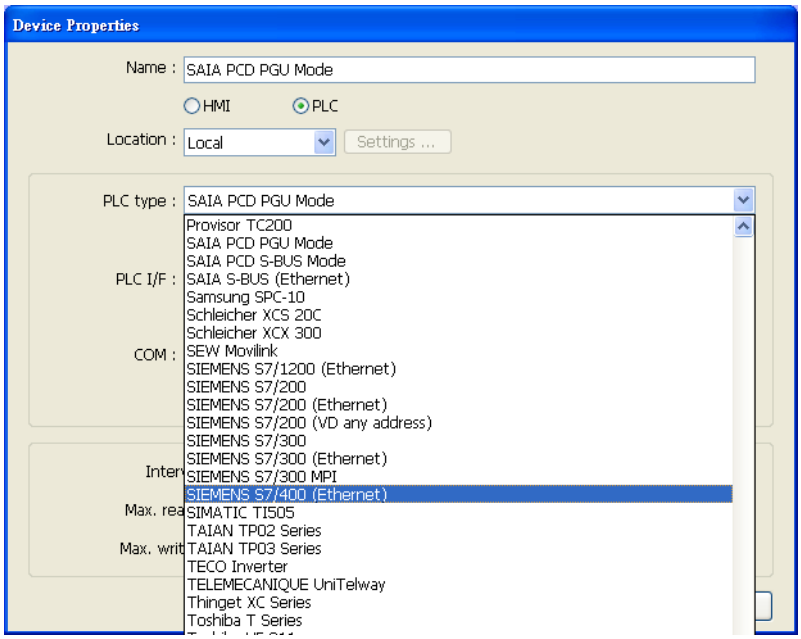
EasyBuilder 设备设定步骤

1. 开启 EasyBuilder Pro，档案 -> 开新档案，选择 HMI 机型后，点选确定。



2. 开启系统参数设定，新增设备.

3. 选择 “SIEMENS S7-400 (Ethernet)”.

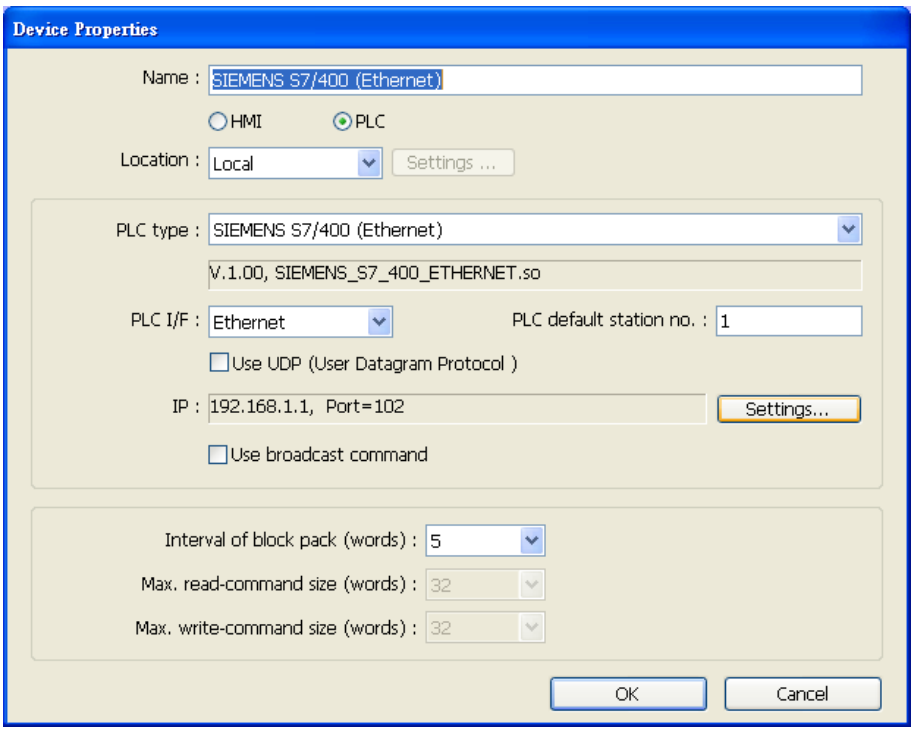


4. 点选 “设定” 按键.

5. 设定 S7-400 IP 地址，端口，连结类型，机座和 CPU 插槽. (需与 PLC 设定相同)



6. 设定画面最终如下图所示:

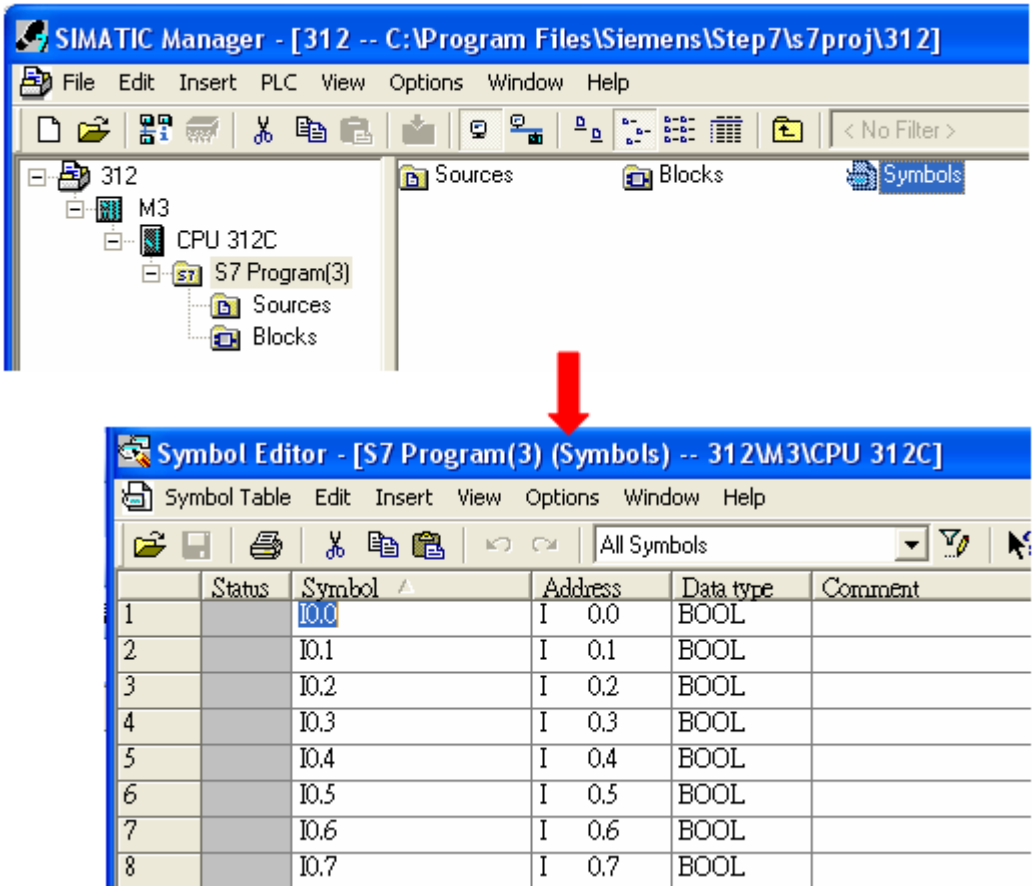


如何汇入标签:

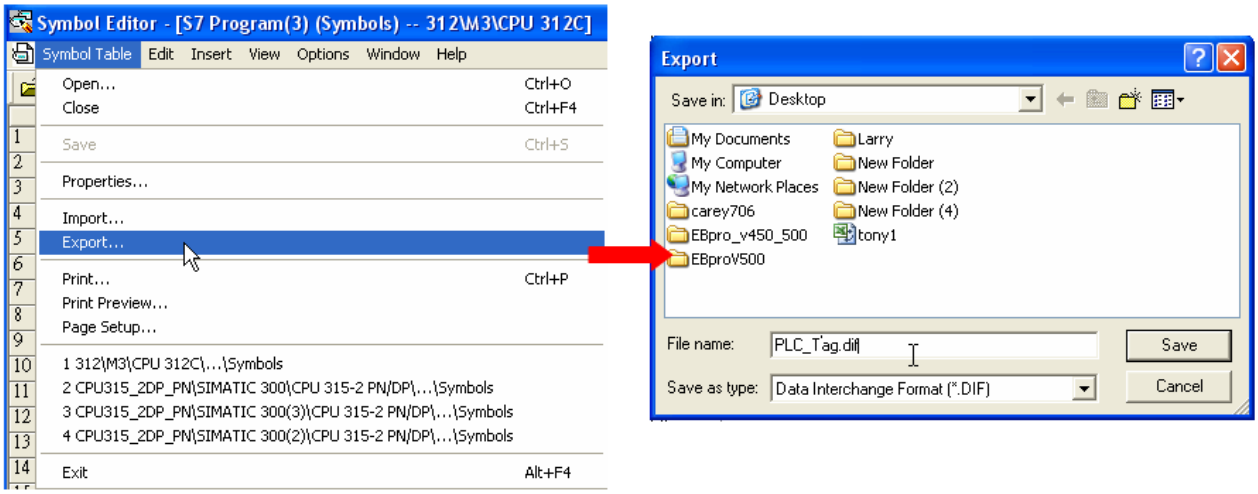
用户可以利用 SIEMENS 的 STEP 7 程序输出用户定义卷标档案(**.dif 檔**以及**.AWL 文件**),并在 EasyBuilder8000/EasyBuilderPro 的系统参数设定里汇入,以下将介绍如何产生及汇出这两种档案。

1. .dif 檔的建立

a、 在 Symbols 里将用户定义标签先建立完成

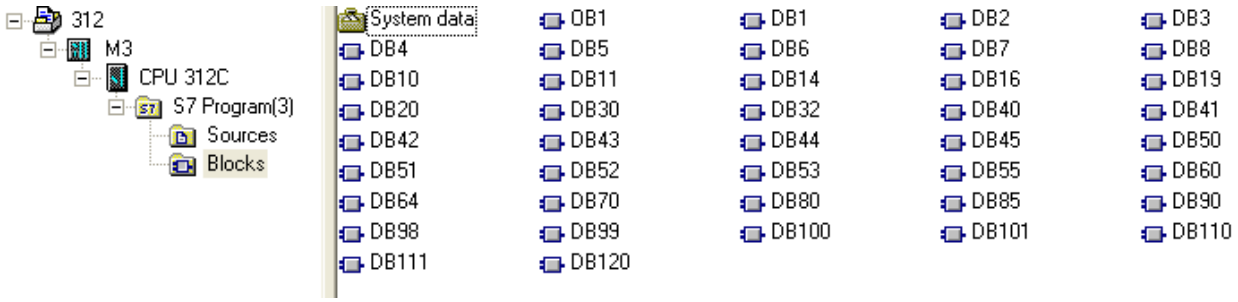


b、 接着按 **Export** 就能将编辑好的档案输出,按下 **Save** 储存完毕。

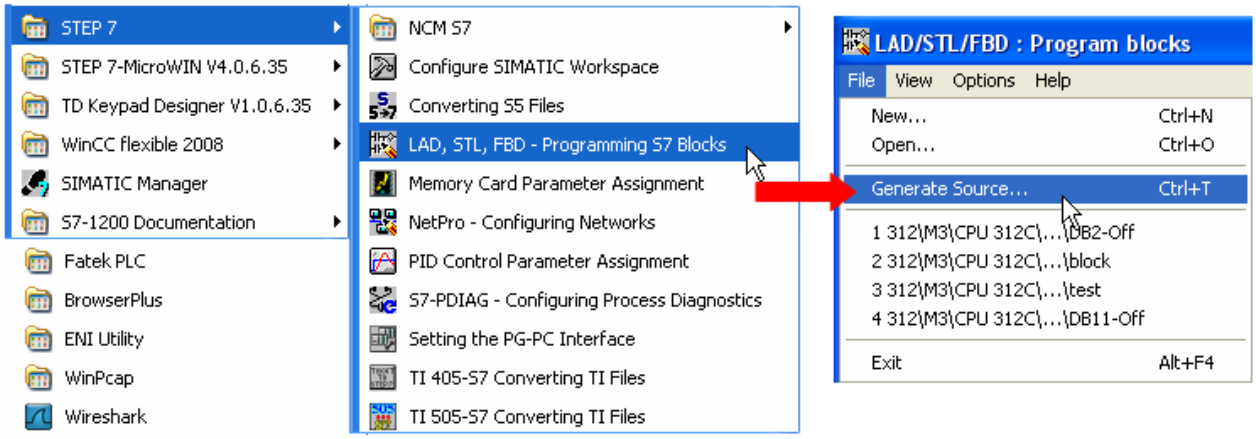


2. .AWF 檔的建立

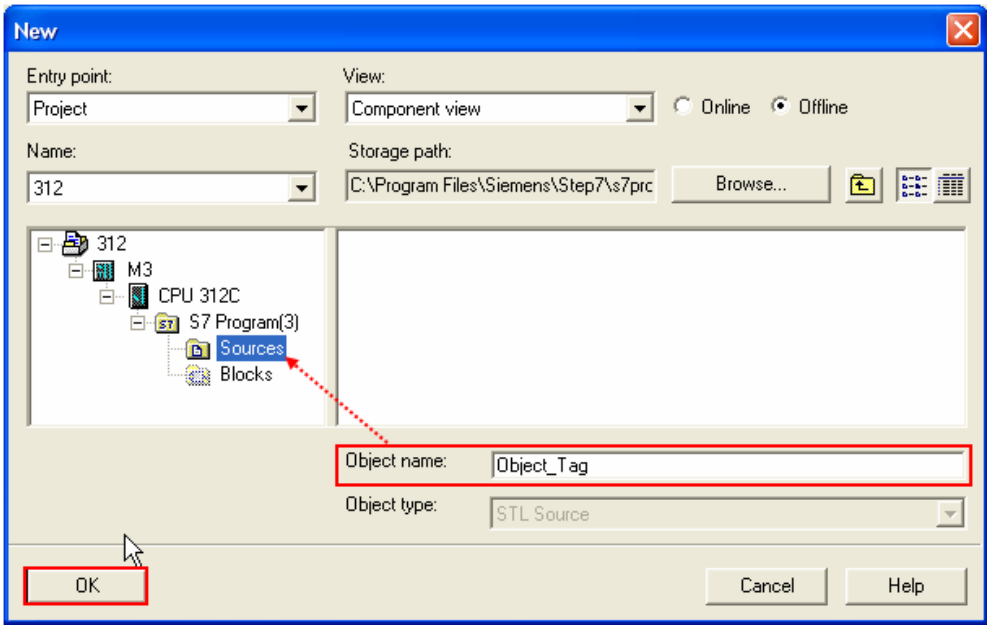
a、 用户可以在 **Blocks** 里建立对象如下图所示



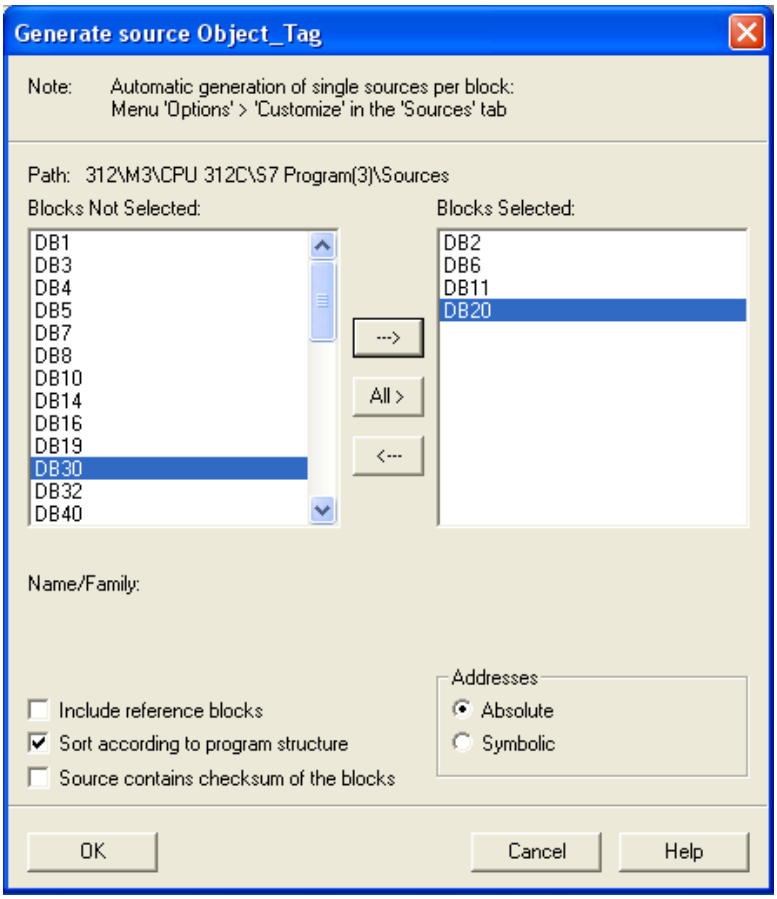
b、 开启 **LAD/STL,FBD – Programming S7 Blocks** 的程序后,点选 **File -> Generate Source**



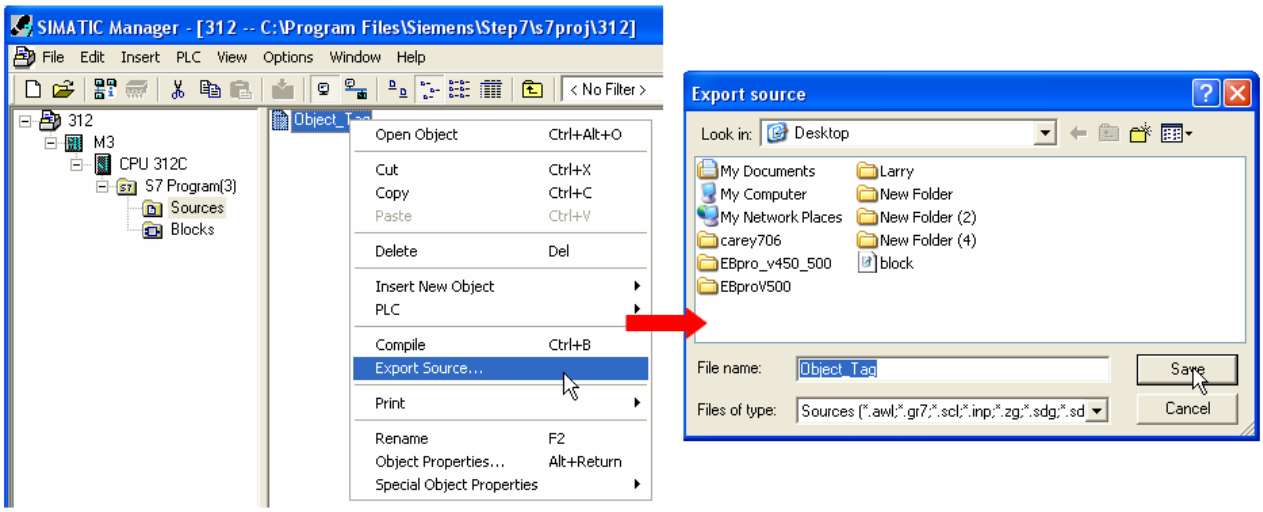
c、 选择 **Sources** 储存地址,并输入欲储存的文件名,按 **OK** 确认完成



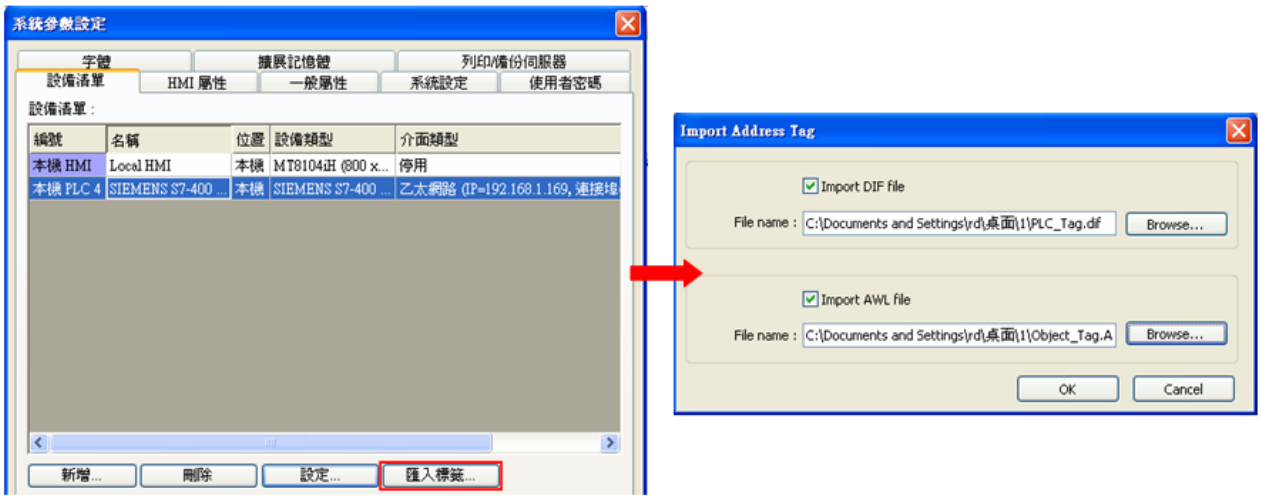
d、 选择欲导出的对象后,按 **OK** 确认



e、 此时 Sources 会出现方才储存的文件名,选择 **Export source**,即可成功的产生 AWL 档案



成功产生 dif 及 AWL 档案后,在 EasyBuilder8000/EasyBuilderPro 的**系统参数设定**里,即可进行**汇入标签**的步骤



成功汇入卷标会显示对话框如下



驱动版本:

版本	日期	叙述
V1.40	May/25/2011	新增 MB & DBBn 缓存器
V1.50	Aug/03/2012	DBn,DBDn 地址范围扩充至 65359999.

Siemens TI505

支持系列: SIMATIC TI505 系列 PLCs: TI520, TI525, TI530, TI535, TI545, TI555, TI560, TI565, TI575. 使用 NITP 通讯协议 (点对点 single master, single slave 格式.)

网站: http://www.siemens.com/entry/cc/en/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	SIMATIC TI505		NITP 通讯协议
PLC 界面	RS232	RS232,	
传输速率	19200	19200	
校验	Odd	Odd	
数据位	7	7	
停止位	1	1	
PLC 站号	0	不支援	

设备类型:

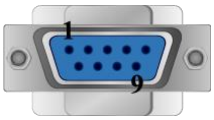
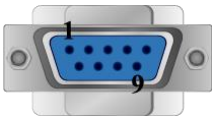
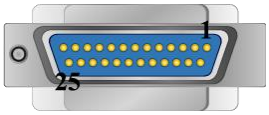
字符/位	设备类型	格式	范围	注释
B	CR	DDDDD	1 ~ 65536	Internal Relay
B	X	DDDDD	1 ~ 65536	Discrete input coils
B	Y	DDDDD	1 ~ 65536	Discrete output coils
W	V	DDDDD	1 ~ 65536	User data registers
W	STW	DDDDD	1 ~ 65536	Status word registers
W	TCP	DDDDD	1 ~ 65536	Timer/counter preset values
W	TCC	DDDDD	1 ~ 65536	Timer/counter current values
W	WX	DDDDD	1 ~ 65536	Word discrete inputs
W	WY	DDDDD	1 ~ 65536	Word discrete outputs

接线图:

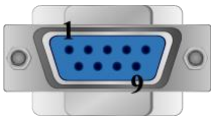
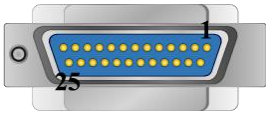
以下图表示从连接线的焊接端所视.

SIMATIC TI505 RS232 : 9P D-Sub to 25P D-Sub

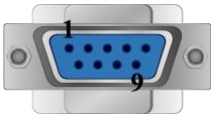
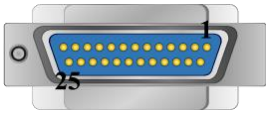
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 25P D-Sub Male	
2 RX	8 RX		2 TXD	
3 TX	7 TX		3 RXD	
5 GND	5 GND		7 GND	
			4 RTS	circuit
			5 CTS	
			6 DSR	circuit
			8 DCD	
			20 DTR	
				

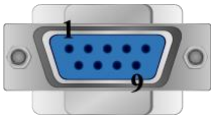
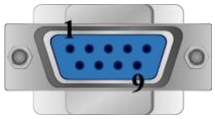
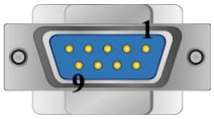
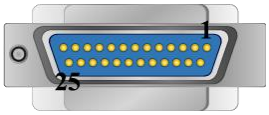
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 25P D-Sub Male	
2 RX			2 TXD	
3 TX			3 RXD	
5 GND			7 GND	
			4 RTS	circuit
			5 CTS	
			6 DSR	circuit
			8 DCD	
			20 DTR	
				

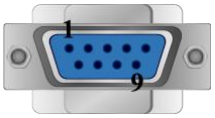
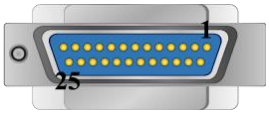
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 25P D-Sub Male	
2 RX			2 TXD	
3 TX			3 RXD	
5 GND			7 GND	
			4 RTS	circuit
			5 CTS	
			6 DSR	circuit
			8 DCD	
			20 DTR	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 25P D-Sub Male	
2 RX	6 RX	8 RX	2 TXD	
3 TX	4 TX	7 TX	3 RXD	
5 GND	5 GND	5 GND	7 GND	
			4 RTS	circuit
			5 CTS	
			6 DSR	circuit
			8 DCD	
			20 DTR	
				

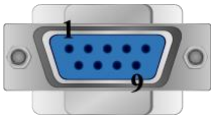
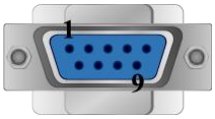
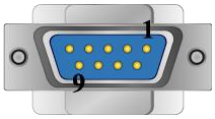
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 25P D-Sub Male	
9 RX			2 TXD	
6 TX			3 RXD	
5 GND			7 GND	
			4 RTS	circuit
			5 CTS	
			6 DSR	circuit
			8 DCD	
			20 DTR	
				

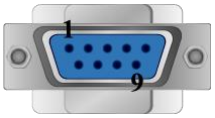
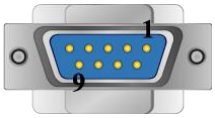
以下图表示从连接线的焊接端所视.

SIMATIC TI505 RS232 : 9P D-Sub to 9P D-Sub

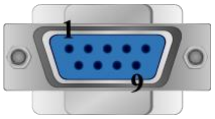
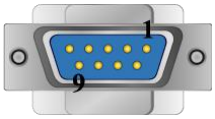
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male	
2 RX	8 RX		3 TXD	
3 TX	7 TX		2 RXD	
5 GND	5 GND		5 GND	
			7 RTS	circuit
			8 CTS	
			1 DCD	circuit
			4 DTR	
			6 DSR	
				

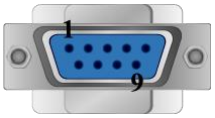
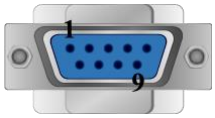
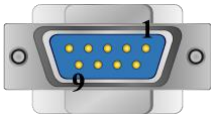
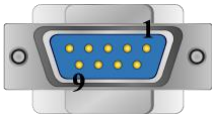
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
			1 DCD	circuit
			4 DTR	
			6 DSR	
				

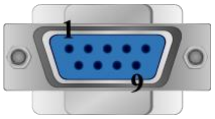
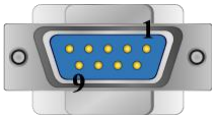
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
			1 DCD	circuit
			4 DTR	
			6 DSR	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male	
2 RX	6 RX	8 RX	3 TXD	
3 TX	4 TX	7 TX	2 RXD	
5 GND	5 GND	5 GND	5 GND	
			7 RTS	7 RTS
			8 CTS	8 CTS
			1 DCD	1 DCD
			4 DTR	4 DTR
			6 DSR	
				

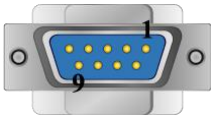
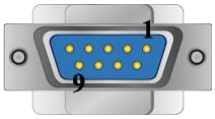
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
9 RX			3 TXD	
6 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
			1 DCD	circuit
			4 DTR	
			6 DSR	
				

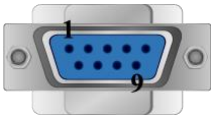
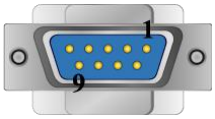
以下图表示从连接线的焊接端所视.

SIMATIC TI505 RS485 4W : 9P D-Sub to 9P D-Sub

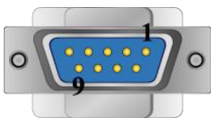
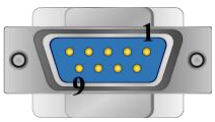
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			7 DO (-)
2 RX+			1 DO (+)
3 TX-			8 DI (-)
4 TX+			5 DI (+)
5 GND			6 GND
			

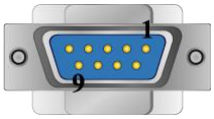
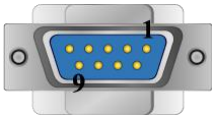
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS485 4W 9P D-Sub Male
7 RX-			7 DO (-)
6 RX+			1 DO (+)
9 TX-			8 DI (-)
8 TX+			5 DI (+)
5 GND			6 GND
			

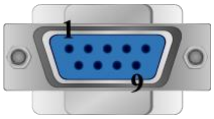
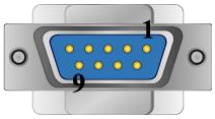
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			7 DO (-)
2 RX+			1 DO (+)
3 TX-			8 DI (-)
4 TX+			5 DI (+)
5 GND			6 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			7 DO (-)
2 RX+			1 DO (+)
3 TX-			8 DI (-)
4 TX+			5 DI (+)
5 GND			6 GND
			

MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			RS485 4W 9P D-Sub Male
1 RX-			7 DO (-)
2 RX+			1 DO (+)
3 TX-			8 DI (-)
4 TX+			5 DI (+)
5 GND			6 GND
			

驱动版本:

版本	日期	叙述
V1.10	Apr/22/2009	

Siemens TI505 (Ethernet)

支持系列: SIMATIC TI505 系列 PLCs: TI520, TI525, TI530, TI535, TI545, TI555, TI560, TI565, TI575 网络模块。

网站: http://www.siemens.com/entry/cc/en/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Siemens TI505 (Ethernet)		
PLC 界面	Ethernet		
端口	1505		
PLC 站号	0		

设备类型:

字符/位	设备类型	格式	范围	注释
B	CR	DDDDD	1 ~ 65535	Internal Relay
B	X	DDDDD	1 ~ 65535	Discrete input coils
B	Y	DDDDD	1 ~ 65535	Discrete output coils
W	V	DDDDD	1 ~ 65535	User data registers
W	STW	DDDDD	1 ~ 65535	Status word registers
W	TCP	DDDDD	1 ~ 65535	Timer/counter preset values
W	TCC	DDDDD	1 ~ 65535	Timer/counter current values
W	WX	DDDDD	1 ~ 65535	Word discrete inputs
W	WY	DDDDD	1 ~ 65535	Word discrete outputs

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.00	Feb/10/2014	发布驱动程序.

Siemens TI565/C400

网站: http://www.siemens.com/entry/cc/en/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	SIMATIC TI565/C400		
PLC 界面	RS232	RS232,	
传输速率	19200	19200	
校验	Odd	Odd	
数据位	7	7	
停止位	1	1	
PLC 站号	0	不支援	

设备类型:

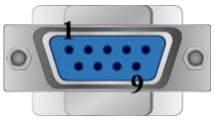
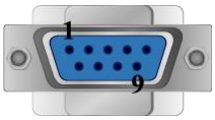
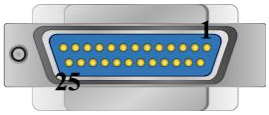
字符/位	设备类型	格式	范围	注释
B	CR	DDDDD	1 ~ 65535	Internal Relay
B	X	DDDDD	1 ~ 65535	Discrete input coils
B	Y	DDDDD	1 ~ 65535	Discrete output coils
B	V_Bit	DDDDDdd	100~ 6553515	User data registers
W	V	DDDDD	1 ~ 65535	User data registers
W	STW	DDDDD	1 ~ 65535	Status word registers
W	TCP	DDDDD	1 ~ 65535	Timer/counter preset values
W	TCC	DDDDD	1 ~ 65535	Timer/counter current values
W	WX	DDDDD	1 ~ 65535	Word discrete inputs
W	WY	DDDDD	1 ~ 65535	Word discrete outputs

接线图:

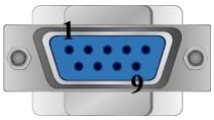
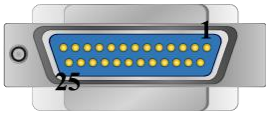
以下图表示从连接线的焊接端所视.

9P D-Sub to 25P D-Sub: RS232

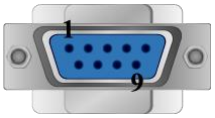
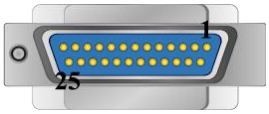
eMT3000 series

<table>
<tr><td>COM1 RS232 9P D-Sub Female</td><td>COM3 RS232 9P D-Sub Female</td><td></td><td colspan="2">RS232 25P D-Sub Male</td></tr>
<tr><td>2 RX</td><td>8 RX</td><td></td><td colspan="2">2 TXD</td></tr>
<tr><td>3 TX</td><td>7 TX</td><td></td><td colspan="2">3 RXD</td></tr>
<tr><td>5 GND</td><td>5 GND</td><td></td><td colspan="2">7 GND</td></tr>
<tr><td colspan="3" rowspan="5"></td><td>4 RTS</td><td rowspan="2">circuit</td></tr>
<tr><td>5 CTS</td></tr>
<tr><td>6 DSR</td><td rowspan="3">circuit</td></tr>
<tr><td>8 DCD</td></tr>
<tr><td>20 DTR</td></tr>
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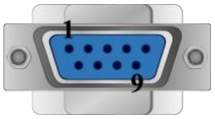
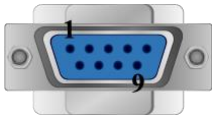
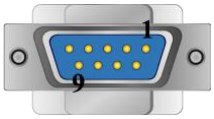
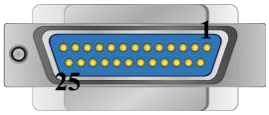
cMT-SVR/cMT-HD series

<table>
<tr><td>COM1 RS232 9P D-Sub Female</td><td></td><td></td><td colspan="2">RS232 25P D-Sub Male</td></tr>
<tr><td>2 RX</td><td></td><td></td><td colspan="2">2 TXD</td></tr>
<tr><td>3 TX</td><td></td><td></td><td colspan="2">3 RXD</td></tr>
<tr><td>5 GND</td><td></td><td></td><td colspan="2">7 GND</td></tr>
<tr><td colspan="3" rowspan="5"></td><td>4 RTS</td><td rowspan="2">circuit</td></tr>
<tr><td>5 CTS</td></tr>
<tr><td>6 DSR</td><td rowspan="3">circuit</td></tr>
<tr><td>8 DCD</td></tr>
<tr><td>20 DTR</td></tr>
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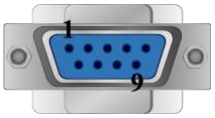
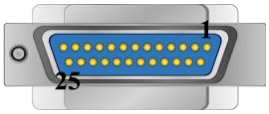
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 25P D-Sub Male	
2 RX			2 TXD	
3 TX			3 RXD	
5 GND			7 GND	
			4 RTS	circuit
			5 CTS	
			6 DSR	circuit
			8 DCD	
			20 DTR	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 25P D-Sub Male	
2 RX	6 RX	8 RX	2 TXD	
3 TX	4 TX	7 TX	3 RXD	
5 GND	5 GND	5 GND	7 GND	
			4 RTS	circuit
			5 CTS	
			6 DSR	circuit
			8 DCD	
			20 DTR	
				

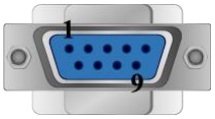
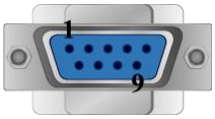
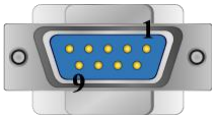
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 25P D-Sub Male	
9 RX			2 TXD	
6 TX			3 RXD	
5 GND			7 GND	
			4 RTS	circuit
			5 CTS	
			6 DSR	circuit
			8 DCD	
			20 DTR	
				

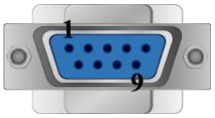
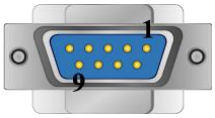
以下图表示从连接线的焊接端所视.

9P D-Sub to 9P D-Sub: RS232

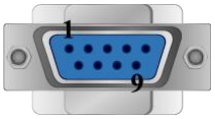
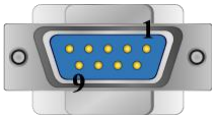
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male	
2 RX	8 RX		3 TXD	
3 TX	7 TX		2 RXD	
5 GND	5 GND		5 GND	
			7 RTS	circuit
			8 CTS	
			1 DCD	circuit
			4 DTR	
			6 DSR	
				

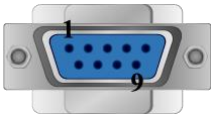
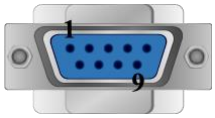
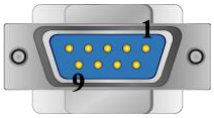
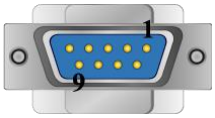
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
			1 DCD	circuit
			4 DTR	
			6 DSR	
				

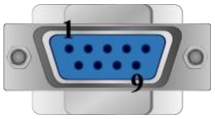
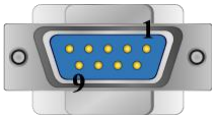
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
			1 DCD	circuit
			4 DTR	
			6 DSR	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male	
2 RX	6 RX	8 RX	3 TXD	
3 TX	4 TX	7 TX	2 RXD	
5 GND	5 GND	5 GND	5 GND	
			7 RTS	circuit
			8 CTS	
			1 DCD	circuit
			4 DTR	
			6 DSR	
				

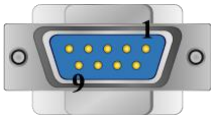
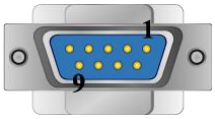
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
9 RX			3 TXD	
6 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
			1 DCD	circuit
			4 DTR	
			6 DSR	
				

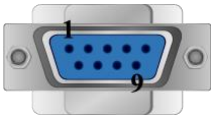
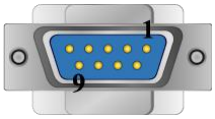
以下图表示从连接线的焊接端所视.

9P D-Sub to 9P D-Sub: RS-485 4W

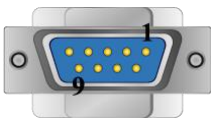
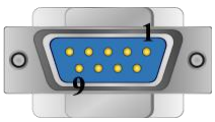
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			7 DO (-)
2 RX+			1 DO (+)
3 TX-			8 DI (-)
4 TX+			5 DI (+)
5 GND			6 GND
			

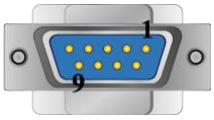
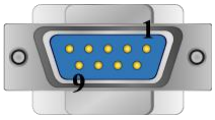
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS485 4W 9P D-Sub Male
7 RX-			7 DO (-)
6 RX+			1 DO (+)
9 TX-			8 DI (-)
8 TX+			5 DI (+)
5 GND			6 GND
			

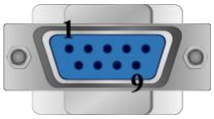
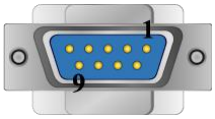
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			7 DO (-)
2 RX+			1 DO (+)
3 TX-			8 DI (-)
4 TX+			5 DI (+)
5 GND			6 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			7 DO (-)
2 RX+			1 DO (+)
3 TX-			8 DI (-)
4 TX+			5 DI (+)
5 GND			6 GND
			

MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			RS485 4W 9P D-Sub Male
1 RX-			7 DO (-)
2 RX+			1 DO (+)
3 TX-			8 DI (-)
4 TX+			5 DI (+)
5 GND			6 GND
			

驱动版本:

版本	日期	叙述
V1.00	Aug/31/2011	发布驱动程序

SSTC SSD Series

支持系列: SSTC SSD 系列

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	SSTC SSD Series		
PLC 界面	RS232	RS232/RS485 2W	
传输速率	19200	9600 ~ 115200	
校验	None	None,Odd	
数据位	8	8	
停止位	1	1	
PLC 站号	1	1~32	

*X 系列不支持 RS-485 2W 通讯模式

设备类型:

字符/位	设备型态	格式	范围	注释
W	ID	DDDDD	0 ~ 99999	
W	ID_30	DDDDD	30	使用 Unicode
W	ID_35000	DDDDD	35000	String
W	ID_35001	DDDDD	35001	String

ID 地址一览表:

ID No.	数据长度	数据型态	写/读	小数点位数*
1	BYT2	UDEC	Yes/Yes	1
30	BYT4	HEX	No/Yes	使用 Unicode
36	BYT4	SDEC	Yes/Yes	0.0001
38	BYT4	UDEC	Yes/Yes	0.0001
39	BYT4	SDEC	Yes/Yes	0.0001
40	BYT4	SDEC	No/Yes	0.0001
41	BYT4	SDEC	No/Yes	0.0001
43	BYT2	UDEC	Yes/Yes	1
47	BYT4	SDEC	Yes/Yes	1
48	BYT4	SDEC	Yes/Yes	1

ID No.	数据长度	数据型态	写/读	小数点位数*
49	BYT4	SDEC	Yes/Yes	1
50	BYT4	SDEC	Yes/Yes	1
51	BYT4	SDEC	Yes/Yes	1
53	BYT4	SDEC	Yes/Yes	1
55	BYT2	UDEC	Yes/Yes	1
57	BYT4	UDEC	Yes/Yes	1
80	BYT2	SDEC	Yes/Yes	0.1
82	BYT2	UDEC	Yes/Yes	0.1
83	BYT2	SDEC	Yes/Yes	0.1
84	BYT2	SDEC	No/Yes	0.1
85	BYT2	UDEC	Yes/Yes	1
100	BYT2	UDEC	Yes/Yes	1
101	BYT2	UDEC	Yes/Yes	0.1
102	BYT2	UDEC	Yes/Yes	0.1
103	BYT4	SDEC	Yes/Yes	1
104	BYT2	UDEC	Yes/Yes	1
109	BYT4	UDEC	Yes/Yes	0.001
110	BYT4	UDEC	No/Yes	0.001
111	BYT4	UDEC	Yes/Yes	0.001
112	BYT4	UDEC	No/Yes	0.001
113	BYT4	UDEC	Yes/Yes	0.0001
116	BYT4	UDEC	Yes/Yes	1
124	BYT4	SDEC	Yes/Yes	0.0001
125	BYT4	SDEC	Yes/Yes	0.0001
126	BYT2	SDEC	Yes/Yes	0.1
136	BYT4	SDEC	Yes/Yes	1
137	BYT4	SDEC	Yes/Yes	1
147	BYT2	HEX	Yes/Yes	Hex
150	BYT4	SDEC	Yes/Yes	1
153	BYT4	SDEC	Yes/Yes	1
154	BUT2	HEX	Yes/Yes	Hex
157	BYT4	SDEC	Yes/Yes	0.0001
159	BYT4	UDEC	Yes/Yes	1
173	BYT4	SDEC	Yes/Yes	1

ID No.	数据长度	数据型态	写/读	小数点位数*
193	BYT2	UDEC	Yes/Yes	1
209	BYT4	UDEC	Yes/Yes	0.0001
210	BYT4	UDEC	Yes/Yes	0.0001
211	BYT2	UDEC	Yes/Yes	0.1
212	BYT2	UDEC	Yes/Yes	0.1
222	BYT4	SDEC	Yes/Yes	1
225	BYT2	HEX	Yes/Yes	Hex
228	BYT4	UDEC	Yes/Yes	1
230	BYT4	UDEC	Yes/Yes	1
268	BYT4	UDEC	Yes/Yes	1
278	BYT4	UDEC	Yes/Yes	1
32768	BYT2	UDEC	Yes/Yes	0.1
32769	BYT4	UDEC	Yes/Yes	0.001
32770	BYT4	UDEC	Yes/Yes	0.001
32771	BYT2	UDEC	Yes/Yes	0.1
32772	BYT4	UDEC	Yes/Yes	0.0001
32773	BYT4	HEX	Yes/Yes	Hex
32774	BYT2	UDEC	Yes/Yes	0.1
32775	BYT2	UDEC	Yes/Yes	1
32776	BYT2	UDEC	Yes/Yes	1
32777	BYT2	SDEC	Yes/Yes	0.1
32778	BYT4	SDEC	Yes/Yes	0.0001
32779	BYT4	SDEC	Yes/Yes	0.0001
32780	BYT4	UDEC	Yes/Yes	0.1
32781	BYT4	UDEC	Yes/Yes	0.1
32782	BYT4	UDEC	Yes/Yes	0.1
32783	BYT2	UDEC	Yes/Yes	1
32784	BYT4	SDEC	Yes/Yes	1
32785	BYT2	UDEC	Yes/Yes	1
32786	BYT4	SDEC	Yes/Yes	1
32787	BYT4	UDEC	Yes/Yes	1
32788	BYT4	SDEC	Yes/Yes	1
32789	BYT4	UDEC	Yes/Yes	1
32790	BYT4	SDEC	Yes/Yes	1

ID No.	数据长度	数据型态	写/读	小数点位数*
32791	BYT4	UDEC	Yes/Yes	1
32792	BYT4	SDEC	Yes/Yes	1
32793	BYT4	UDEC	Yes/Yes	1
32794	BYT4	SDEC	Yes/Yes	1
32797	BYT4	HEX	No/Yes	Hex
32798	BYT4	HEX	No/No	Hex
32799	BYT4	HEX	No/No	Hex
32800	BYT4	HEX	Yes/Yes	Hex
32801	BYT4	HEX	Yes/Yes	Hex
32802	BYT4	HEX	Yes/Yes	Hex
32803	BYT4	HEX	Yes/Yes	Hex
32804	BYT4	HEX	Yes/Yes	Hex
32805	BYT4	HEX	Yes/Yes	Hex
32806	BYT4	UDEC	Yes/Yes	1
32807	BYT4	UDEC	Yes/Yes	1
32808	BYT4	UDEC	Yes/Yes	1
32809	BYT4	UDEC	Yes/Yes	1
32836	BYT2	UDEC	No/Yes	1
32845	BYT2	UDEC	Yes/Yes	1
32846	BYT2	SDEC	Yes/Yes	1
32847	BYT2	SDEC	Yes/Yes	1
32848	BYT2	UDEC	Yes/Yes	1
32849	BYT2	SDEC	Yes/Yes	1
32850	BYT2	SDEC	Yes/Yes	1
32851	BYT2	SDEC	Yes/Yes	1
32852	BYT2	SDEC	Yes/Yes	1
32853	BYT2	SDEC	Yes/Yes	1
32854	BYT2	SDEC	Yes/Yes	1
32865	BYT2	UDEC	Yes/Yes	1
32866	BYT2	UDEC	Yes/Yes	1
32867	BYT2	UDEC	Yes/Yes	1
32868	BYT2	UDEC	Yes/Yes	1
32874	BYT2	UDEC	Yes/Yes	1
32875	BYT2	UDEC	Yes/Yes	1

ID No.	数据长度	数据型态	写/读	小数点位数*
32876	BYT2	UDEC	Yes/Yes	1
32877	BYT2	UDEC	Yes/Yes	1
32880	BYT2	UDEC	Yes/Yes	1
32881	BYT2	UDEC	Yes/Yes	1
32882	BYT2	UDEC	Yes/Yes	1
32883	BYT2	UDEC	Yes/Yes	1
32891	BYT2	UDEC	Yes/Yes	1
32892	BYT4	UDEC	Yes/Yes	1
32893	BYT4	UDEC	Yes/Yes	1
32922	BYT2	UDEC	Yes/Yes	1
32925	BYT2	HEX	Yes/Yes	Hex
32926	BYT2	HEX	Yes/Yes	Hex
32927	BYT2	HEX	Yes/Yes	Hex
32928	BYT2	UDEC	Yes/Yes	0.1
32929	BYT2	UDEC	Yes/Yes	0.1
32934	BYT2	UDEC	Yes/Yes	1
32935	BYT2	UDEC	Yes/Yes	0.1
32936	BYT4	HEX	Yes/Yes	Hex
32940	BYT4	SDEC	Yes/Yes	1
32947	BYT4	UDEC	Yes/Yes	1
32952	BYT4	UDEC	Yes/Yes	1
32953	BYT2	HEX	Yes/Yes	Hex
32956	BYT2	UDEC	Yes/Yes	1
32958	BYT2	UDEC	Yes/Yes	1
32959	BYT2	UDEC	Yes/Yes	1
32964	BYT2	UDEC	Yes/Yes	1
32966	BYT2	SDEC	Yes/Yes	1
32967	BYT2	UDEC	Yes/Yes	1
32968	BYT2	UDEC	Yes/Yes	0.1
32978	BYT2	UDEC	Yes/Yes	1
32979	BYT2	UDEC	Yes/Yes	1
32980	BYT2	UDEC	Yes/Yes	1
32981	BYT2	UDEC	Yes/Yes	1
32992	BYT2	UDEC	Yes/Yes	0.1

ID No.	数据长度	数据型态	写/读	小数点位数*
32993	BYT2	UDEC	Yes/Yes	0.1
33700	BYT2	UDEC	Yes/Yes	1
33701	BYT2	UDEC	Yes/Yes	1
33702	BYT2	UDEC	Yes/Yes	1
33703	BYT2	UDEC	Yes/Yes	1
33704	BYT2	UDEC	Yes/Yes	1
33705	BYT2	UDEC	Yes/Yes	1
33706	BYT2	UDEC	Yes/Yes	1
33707	BYT2	UDEC	Yes/Yes	1
33708	BYT2	UDEC	Yes/Yes	1
33709	BYT2	UDEC	Yes/Yes	1
33710	BYT2	UDEC	Yes/Yes	1
33711	BYT2	UDEC	Yes/Yes	1
33712	BYT2	UDEC	Yes/Yes	1
33713	BYT2	UDEC	Yes/Yes	1
33714	BYT2	UDEC	Yes/Yes	1
33721	BYT2	UDEC	Yes/Yes	1
33722	BYT2	UDEC	Yes/Yes	1
33724	BYT2	UDEC	Yes/Yes	1
33725	BYT2	UDEC	Yes/Yes	1
33729	BYT2	UDEC	Yes/Yes	1
33730	BYT2	UDEC	Yes/Yes	1
33731	BYT2	UDEC	Yes/Yes	1
33732	BYT2	UDEC	No/Yes	1
33800	BYT2	UDEC	Yes/Yes	1
33801	BYT2	UDEC	Yes/Yes	1
33802	BYT2	UDEC	Yes/Yes	1
33803	BYT2	UDEC	Yes/Yes	1
33804	BYT2	UDEC	Yes/Yes	1
33805	BYT2	UDEC	Yes/Yes	1
33806	BYT2	UDEC	Yes/Yes	1
33807	BYT2	UDEC	Yes/Yes	1
33808	BYT2	UDEC	Yes/Yes	1
33809	BYT2	UDEC	Yes/Yes	1

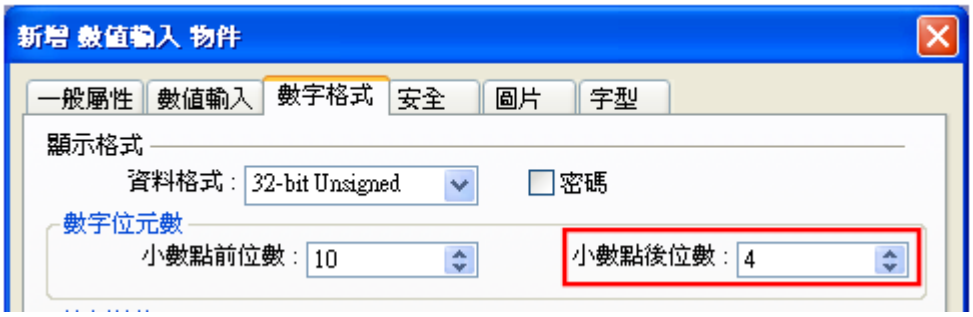
ID No.	数据长度	数据型态	写/读	小数点位数*
33810	BYT2	UDEC	Yes/Yes	1
33811	BYT2	UDEC	Yes/Yes	1
33812	BYT2	UDEC	Yes/Yes	1
33813	BYT2	UDEC	Yes/Yes	1
33814	BYT2	UDEC	Yes/Yes	1
33815	BYT2	UDEC	Yes/Yes	1
33816	BYT2	UDEC	Yes/Yes	1
33817	BYT2	UDEC	Yes/Yes	1
33818	BYT2	UDEC	Yes/Yes	1
33819	BYT2	UDEC	Yes/Yes	1
33820	BYT2	UDEC	Yes/Yes	1
33839	BYT2	UDEC	Yes/Yes	1
33840	BYT2	UDEC	Yes/Yes	1
33859	BYT2	UDEC	Yes/Yes	1
33860	BYT2	UDEC	Yes/Yes	1
33869	BYT2	UDEC	Yes/Yes	1
33880	BYT2	UDEC	Yes/Yes	1
33889	BYT2	UDEC	Yes/Yes	1
33890	BYT2	UDEC	Yes/Yes	1
33899	BYT2	UDEC	Yes/Yes	1
34000	BYT2	UDEC	Yes/Yes	1
34001	BYT2	UDEC	Yes/Yes	1
34002	BYT2	UDEC	Yes/Yes	1
34003	BYT2	UDEC	Yes/Yes	1
34004	BYT2	UDEC	Yes/Yes	1
34005	BYT2	UDEC	Yes/Yes	1
34006	BYT2	UDEC	Yes/Yes	1
34007	BYT2	UDEC	Yes/Yes	1
34008	BYT2	UDEC	Yes/Yes	1
34009	BYT2	UDEC	Yes/Yes	1
34010	BYT2	UDEC	Yes/Yes	1
34011	BYT2	UDEC	Yes/Yes	1
34012	BYT2	UDEC	Yes/Yes	1
34013	BYT2	UDEC	Yes/Yes	1

ID No.	数据长度	数据型态	写/读	小数点位数*
34014	BYT2	UDEC	Yes/Yes	1
34015	BYT2	UDEC	Yes/Yes	1
34016	BYT2	UDEC	Yes/Yes	1
34017	BYT2	UDEC	Yes/Yes	1
34018	BYT2	UDEC	Yes/Yes	1
34019	BYT2	UDEC	Yes/Yes	1
34023	BYT2	UDEC	Yes/Yes	1
34025	BYT2	UDEC	Yes/Yes	1
34042	BYT2	UDEC	Yes/Yes	1
34043	BYT2	UDEC	Yes/Yes	0.01
34044	BYT2	UDEC	Yes/Yes	0.01
34045	BYT2	UDEC	Yes/Yes	0.01
34046	BYT2	UDEC	Yes/Yes	0.01
34047	BYT2	UDEC	Yes/Yes	0.01
34048	BYT2	UDEC	Yes/Yes	0.01
34049	BYT2	UDEC	Yes/Yes	0.01
34050	BYT2	UDEC	Yes/Yes	0.1
34051	BYT2	UDEC	Yes/Yes	0.01
34052	BYT2	UDEC	Yes/Yes	0.1
34053	BYT2	UDEC	Yes/Yes	1
34054	BYT2	UDEC	Yes/Yes	0.1
34055	BYT2	UDEC	Yes/Yes	0.1
34056	BYT2	UDEC	Yes/Yes	1
34070	BYT2	UDEC	Yes/Yes	1
34148	BYT2	UDEC	Yes/Yes	0.001
34149	BYT2	UDEC	Yes/Yes	0.1
34164	BYT2	UDEC	Yes/Yes	0.01
34167	BYT2	UDEC	Yes/Yes	0.01
34177	BYT2	UDEC	Yes/Yes	1
34178	BYT2	UDEC	Yes/Yes	1
34179	BYT2	UDEC	Yes/Yes	1
34180	BYT2	UDEC	Yes/Yes	1
34182	BYT4	SDEC	Yes/Yes	1
35000	/* Depends on Text */ 0	ASCI	No/Yes	ASCII

ID No.	数据长度	数据型态	写/读	小数点位数*
35001	/* Depends on Text */ 0	ASCI	No/Yes	ASCII
35002	BYT4	HEX	No/Yes	1
35003	BYT2	HEX	No/Yes	Hex
35004	BYT2	UDEC	No/Yes	0.1
35005	BYT2	UDEC	No/Yes	0.1
35006	BYT2	UDEC	No/Yes	0.1
35007	BYT2	UDEC	No/Yes	0.1
35008	BYT2	UDEC	No/Yes	0.1
35009	BYT2	UDEC	No/Yes	0.1
35010	BYT2	UDEC	No/Yes	0.1
35011	BYT2	UDEC	No/Yes	1
36000	BYT2	UDEC	No/Yes	1
36001	BYT2	UDEC	No/Yes	1
36002	BYT4	SDEC	No/Yes	1
36003	BYT4	SDEC	No/Yes	1
36004	BYT4	UDEC	No/Yes	1
36005	BYT4	UDEC	No/Yes	1
36006	BYT2	UDEC	No/Yes	1
36007	BYT2	UDEC	No/Yes	1
36008	BYT2	UDEC	No/Yes	1
36009	BYT2	UDEC	No/Yes	1
36010	BYT2	UDEC	No/Yes	1
36011	BYT2	UDEC	No/Yes	1
36012	BYT4	UDEC	No/Yes	1
36013	BYT4	UDEC	No/Yes	1
36019	BYT2	UDEC	Yes/Yes	1
36020	BYT2	UDEC	Yes/Yes	1
36021	BYT2	UDEC	Yes/Yes	1
36022	BYT2	UDEC	Yes/Yes	1
36023	BYT2	UDEC	Yes/Yes	1
36100	BYT4	UDEC	Yes/Yes	1
36101	BYT4	UDEC	Yes/Yes	1
36102	BYT4	UDEC	Yes/Yes	1
36103	BYT4	UDEC	Yes/Yes	1

ID No.	数据长度	数据型态	写/读	小数点位数*
36104	BYT4	UDEC	Yes/Yes	1

*备注:若该 ID 的小数点位数为 0.001，则应设定组件为小数点以下四位。

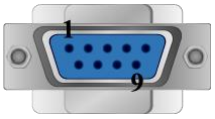
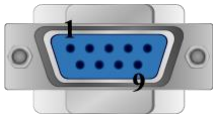
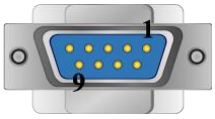


接线图:

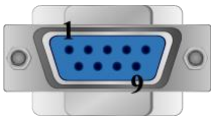
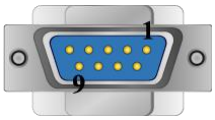
以下图表示从连接线的焊接端所视.

RS-232

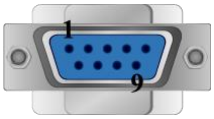
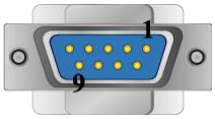
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		X5 Port RS232 9P D-Sub Male
2 RX	8 RX		2 TX
3 TX	7 TX		3 RX
5 GND	5 GND		5 GND
			

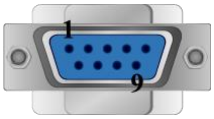
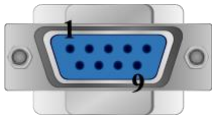
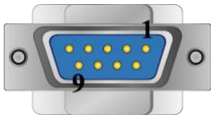
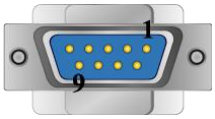
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			X5 Port RS232 9P D-Sub Male
2 RX			2 TX
3 TX			3 RX
5 GND			5 GND
			

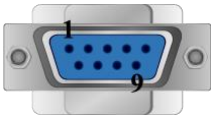
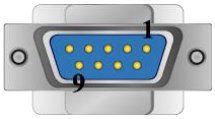
MT8000iE series

COM1 RS232 9P D-Sub Female			X5 Port RS232 9P D-Sub Male
2 RX			2 TX
3 TX			3 RX
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	X5 Port RS232 9P D-Sub Male
2 RX	6 RX	8 RX	2 TX
3 TX	4 TX	7 TX	3 RX
5 GND	5 GND	5 GND	5 GND
			

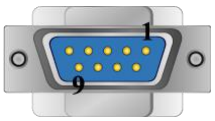
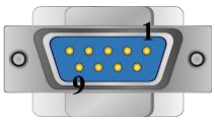
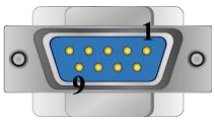
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			X5 Port RS232 9P D-Sub Male
9 RX			2 TX
6 TX			3 RX
5 GND			5 GND
			

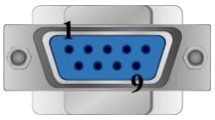
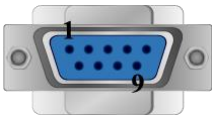
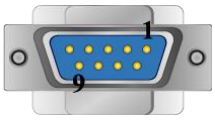
以下图表示从连接线的焊接端所视.

RS485 2W

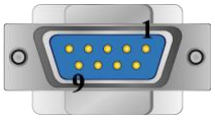
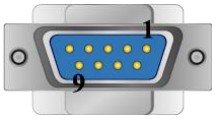
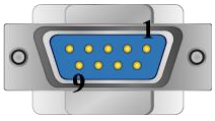
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		X5 Port RS485 2W 9P D-Sub Male
1 RX-	6 Data-		4 RS485-
2 RX+	9 Data+		1 RS485+
5 GND	5 GND		5 GND
			

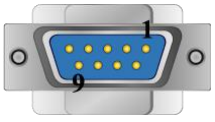
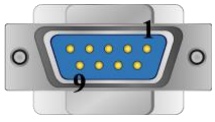
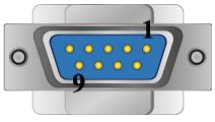
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		X5 Port RS485 2W 9P D-Sub Male
7 RX-	4 Data-		4 RS485-
6 RX+	1 Data+		1 RS485+
5 GND	5 GND		5 GND
			

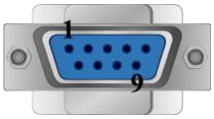
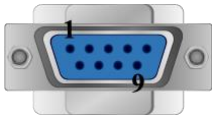
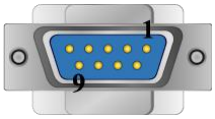
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		X5 Port RS485 2W 9P D-Sub Male
1 RX-	7 Data-		4 RS485-
2 RX+	8 Data+		1 RS485+
5 GND	9 GND		5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		X5 Port RS485 2W 9P D-Sub Male
1 RX-	6 Data-		4 RS485-
2 RX+	9 Data+		1 RS485+
5 GND	5 GND		5 GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		X5 Port RS485 2W 9P D-Sub Male
1 RX-	7 Data-		4 RS485-
2 RX+	8 Data+		1 RS485+
5 GND	5 GND		5 GND
			

驱动版本:

版本	日期	叙述
V1.00	Mar/27/2012	发布驱动程序.
V1.10	Jul/20/2012	新增支持软件 SSTC_PAS_V2.3 所支持的 ID 地址.

TECHSOFT Intelligent Servo

支持系列: Intelligent Servo supports IDM640, IDM240.

网站: http://www.techsoftmotion.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Intelligent Servo		
PLC 界面	RS232		
传输速率	9600	9600~115200	
校验	None	Even, Odd, None	
数据位	8	7 or 8	
停止位	1	1 or 2	
PLC 站号	1		

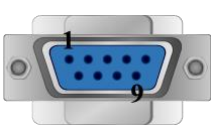
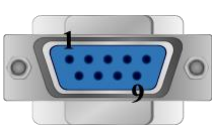
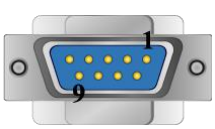
设备类型:

字符/位	设备类型	格式	范围	注释
W	Register_32bit	HHHH	0 ~ 270f	32bit signed
DW	Register_H	HHHH	0 ~ 270f	32bit Hex
W	UPD	HHHHH	0 ~ 1869f	传送 UDP 命令
W	STOP	HHHHH	0 ~ 1869f	传送 STOP 命令

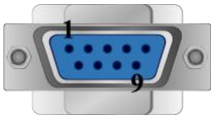
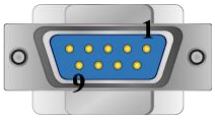
接线图:

以下图表示从连接线的焊接端所视.

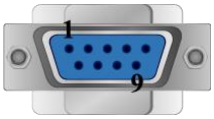
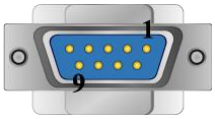
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		Servo RS232 D-Sub Male
2 RX	8 RX		2 TD
3 TX	7 TX		3 RD
5 GND	5 GND		5 GND
			

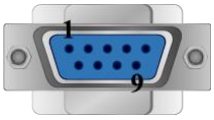
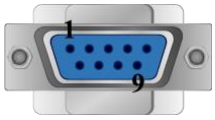
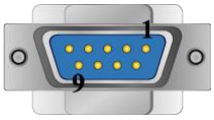
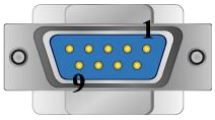
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			Servo RS232 D-Sub Male
2 RX			2 TD
3 TX			3 RD
5 GND			5 GND
			

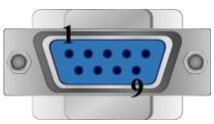
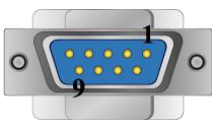
MT8000iE series

COM1 RS232 9P D-Sub Female			Servo RS232 D-Sub Male
2 RX			2 TD
3 TX			3 RD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	Servo RS232 D-Sub Male
2 RX	6 RX	8 RX	2 TD
3 TX	4 TX	7 TX	3 RD
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			Servo RS232 D-Sub Male
9 RX			2 TD
6 TX			3 RD
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.00	Nov/06/2009	发布驱动程序.

TECO Inverter

支持系列: TECO Inverter 系列, 7300CV 型号.

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	TECO Inverter		
PLC 界面	RS232	RS232/RS485	
传输速率	38400		
校验	None		
数据位	8		
停止位	1		
PLC 站号	1		

设备类型:

字符/位	设备类型	格式	范围	注释
B	0x	DDDDD	1 ~ 65535	Output bit
B	1x	DDDDD	1 ~ 65535	Input bit (只读)
B	3x_Bit	DDDDDdd	100 ~ 6553515	Input Register bit (只读)
B	4x_Bit	DDDDDdd	100 ~ 6553515	Output Register bit
B	6x_Bit	DDDDDdd	100 ~ 6553515	
B	0x (0x0f)	DDDDD	1 ~ 65535	Write Multiple Coils
W	3x	DDDDD	1 ~ 65535	Input Register (只读)
W	4x	DDDDD	1 ~ 65535	Output Register
DW	5x	DDDDD	1 ~ 65535	4x double word swap
W	6x	DDDDD	1 ~ 65535	4x single word write

接线图:



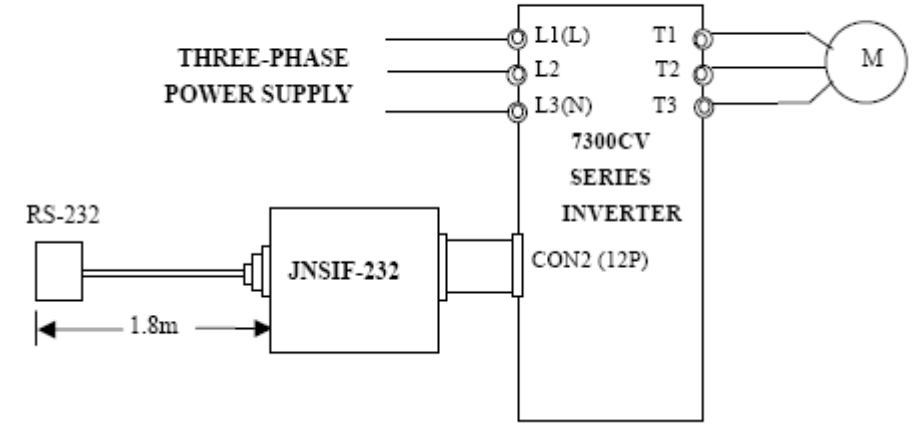
MT8000



JNSIF-232



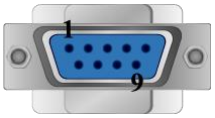
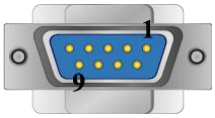
JNSIF-232Wiring Diagram:



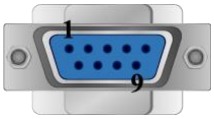
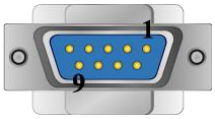
以下图表示从连接线的焊接端所视.

9P D-Sub to 9P D-Sub:

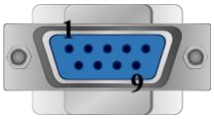
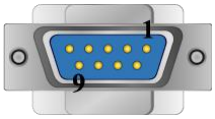
eMT3000 series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
2 RX			2 TX
3 TX			3 RX
5 GND			5 GND
7 RTS			7 VCC
			

MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
2 RX			2 TX
3 TX			3 RX
5 GND			5 GND
7 RTS			7 VCC
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
2 RX			2 TX
3 TX			3 RX
5 GND			5 GND
7 RTS			7 VCC
			

驱动版本:

版本	日期	叙述
V1.00	Jul/27/2009	发布驱动程序.

TECO TP02 Series

支持系列: TAIAN TP02 系列.
网站: http://www.taian-technology.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	TECO TP02 Series		
PLC 界面	RS485 4W/2W	RS485 4W/2W	MMI 422 埠: 4W; RS485 端子台: 2W
传输速率	19200	9600, 19200, 38400	
校验	Even	Even, Odd, None	
数据位	7	7, 8	
停止位	2	1, 2	
PLC 站号	1	0-255	

PLC 设定:

RS422 埠t: WS041=120, WS042=1;
RS485 端子台: WS044=120, WS045=1.

设备类型:

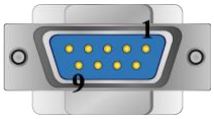
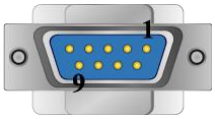
字符/位	设备类型	格式	范围	注释
B	X	DDD	1 ~ 384	Input relay
B	Y	DDD	1 ~ 384	Output relay
B	C	DDDD	1 ~ 2048	Auxiliary relay
W	X	DDD	1 ~ 369	Input register (must be 1 or a multiple of plus 1)
W	Y	DDD	1 ~ 369	Output register(must be 1 or a multiple of plus 1)
W	V	DDDD	1 ~ 1024	Auxiliary register
W	D	DDDD	1 ~ 2048	Auxiliary register
W	WS	DDD	1 ~ 128	System register
W	C	DDDD	1 ~ 2033	Auxiliary relay register(must be 1 or a multiple of plus 1)
W	WC	DDD	1 ~ 912	Constant register

接线图:

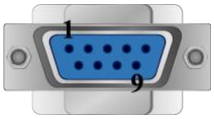
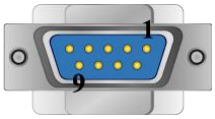
以下图表示从连接线的焊接端所视.

TP02 Series MMI RS422 port : 9P D-Sub to 9P D-Sub

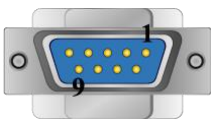
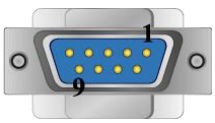
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			8 TX-
2 RX+			3 TX+
3 TX-			7 RX-
4 TX+			2 RX+
5 GND			
			

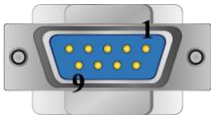
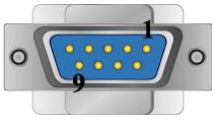
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS485 4W 9P D-Sub Male
7 RX-			8 TX-
6 RX+			3 TX+
9 TX-			7 RX-
8 TX+			2 RX+
5 GND			
			

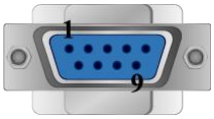
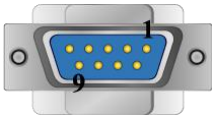
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			8 TX-
2 RX+			3 TX+
3 TX-			7 RX-
4 TX+			2 RX+
5 GND			
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			8 TX-
2 RX+			3 TX+
3 TX-			7 RX-
4 TX+			2 RX+
5 GND			
			

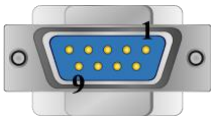
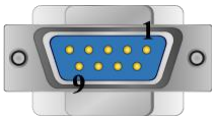
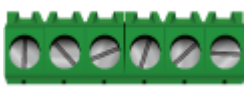
MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			RS485 4W 9P D-Sub Male
1 RX-			8 TX-
2 RX+			3 TX+
3 TX-			7 RX-
4 TX+			2 RX+
5 GND			
			

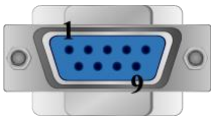
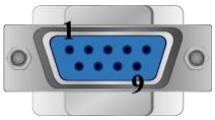
以下图表示从连接线的焊接端所视.

TP02 Series RS485 Terminal : 9P D-Sub to 9P D-Sub

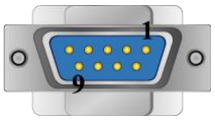
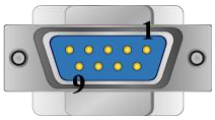
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W Terminal
1 RX-	6 Data-		T/R-
2 RX+	9 Data+		T/R+
5 GND	5 GND		
			

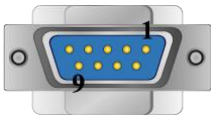
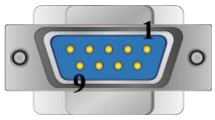
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W Terminal
7 RX-	4 Data-		T/R-
6 RX+	1 Data+		T/R+
5 GND	5 GND		
			

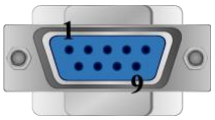
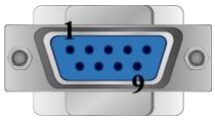
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W Terminal
1 RX-	7 Data-		T/R-
2 RX+	8 Data+		T/R+
5 GND	9 GND		
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W Terminal
1 RX-	6 Data-		T/R-
2 RX+	9 Data+		T/R+
5 GND	5 GND		
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W Terminal
1 RX-	7 Data-		T/R-
2 RX+	8 Data+		T/R+
5 GND	5 GND		
			

驱动版本:

版本	日期	叙述
V1.10	Jan/25/2010	

TECO TP03 Series

支持系列: TECO (TAIAN TP03) 系列 PLC.

网站: http://www.teco.com.tw/sa/en/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	TECO TP03 Series		
PLC 界面	RS485 4W		
传输速率	19200	9600, 19200	
校验	None	Even, Odd, None	
数据位	8	8	
停止位	2	1	
PLC 站号	1	1-31	

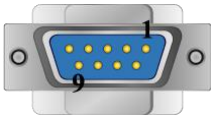
设备类型:

字符/位	设备类型	格式	范围	注释
B	C	DDDD	0 ~ 9999	
B	M	DDDD	0 ~ 9999	
B	S	DDDD	0 ~ 9999	
B	T	DDDD	0 ~ 9999	
B	X	OOO	0 ~ 377	
B	Y	OOO	0 ~ 377	
W	D	DDDD	0 ~ 9999	
W	V	DDDD	0 ~ 9999	
W	Z	DDDD	0 ~ 9999	
W	T_Curent	DDDD	0 ~ 9999	
W	C_Curent	DDDD	0 ~ 9999	
W	T_Preset	DDDD	0 ~ 9999	
W	C_Preset	DDDD	0 ~ 9999	

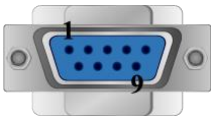
接线图:

以下图表示从连接线的焊接端所视.

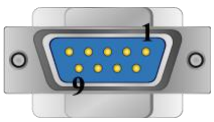
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 8P Mini-DIN Female socket
1 RX-			4 TX-
2 RX+			7 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			3 GND
			

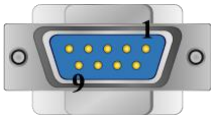
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS485 4W 8P Mini-DIN Female socket
7 RX-			4 TX-
6 RX+			7 TX+
9 TX-			1 RX-
8 TX+			2 RX+
5 GND			3 GND
			

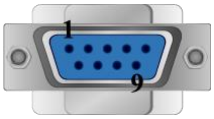
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 8P Mini-DIN Female socket
1 RX-			4 TX-
2 RX+			7 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			3 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS485 4W 8P Mini-DIN Female socket
1 RX-			4 TX-
2 RX+			7 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			3 GND
			

MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			RS485 4W 8P Mini-DIN Female socket
1 RX-			4 TX-
2 RX+			7 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			3 GND
			

驱动版本:

版本	日期	叙述
V1.10	Nov/13/2009	

TINHAO

网站: www.chinastrand.com

HMI 设定

参数设定	推荐	选项	注释
PLC 类型	TINHAO		
PLC 界面	RS485 2W		
传输速率	19200		
校验	None		
数据位	8		
停止位	1		
PLC 站号	1		

设备类型:

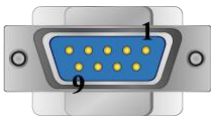
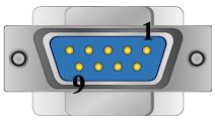
字符/位	设备型态	格式	范围	注释
W	Commend1	DDD	0 ~ 255	
W	Commend2	DDD	0 ~ 255	
W	Commend3	DDD	0 ~ 255	
W	Commend4	DDD	0 ~ 255	
W	Commend5	DDD	0 ~ 255	
W	Commend6	DDD	0 ~ 255	
W	Commend7	DDD	0 ~ 255	
W	Commend8	DDD	0 ~ 255	
W	Commend9	DDD	0 ~ 255	
W	Commend10	DDD	0 ~ 255	
W	Commend11	DDD	0 ~ 255	
W	Commend12	DDD	0 ~ 255	
W	Commend13	DDD	0 ~ 255	
W	Commend14	DDD	0 ~ 255	
W	Commend15	DDD	0 ~ 255	
W	Commend16	DDD	0 ~ 255	
W	Commend17	DDD	0 ~ 255	
W	Commend18	DDD	0 ~ 255	
W	Commend19	DDD	0 ~ 255	

字符/位	设备型态	格式	范围	注释
W	Commend20	DDD	0 ~ 255	
W	Commend21	DDD	0 ~ 255	
W	Commend22	DDD	0 ~ 255	

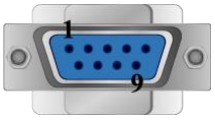
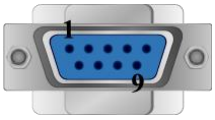
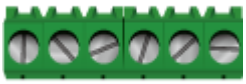
接线图:

以下图表示从连接线的焊接端所视.

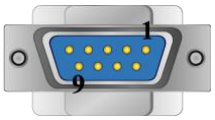
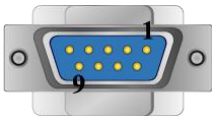
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 terminal
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		
			

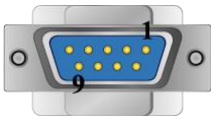
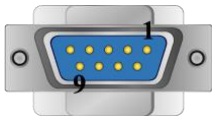
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 terminal
7 RX-	4 Data-		D-
6 RX+	1 Data+		D+
5 GND	5 GND		
			

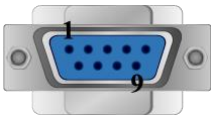
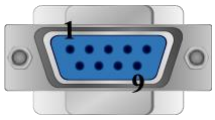
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 terminal
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	9 GND		
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 terminal
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 terminal
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	5 GND		
			

驱动版本:

版本	日期	叙述
V1.00	Oct/14/2011	发布驱动程序.

Toptek Topvert

支持系列: TOPVERT G1/H1/P1 系列.

网站: http://www.toptek.biz/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Toptek Topvert		
PLC 界面	RS485 2W		
传输速率	9600		
校验	None		
数据位	7		
停止位	2		
PLC 站号	1		

在线仿真	YES	广播命令	YES
扩展模式	YES	广播站号	0

PLC 设定:

通讯模式	Pr 7-15 = 0 (7, N, 2 ASCII)

设备类型:

字符/位	设备类型	格式	范围	注释
B	PR_Bit	DDDDDdd	0 ~ 6553515	G=Groups, F=Function no. dd=0~15 bit no.
W	PR	DDDDD	0 ~ 65535	G=Groups, F=Function no.

Note:

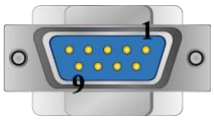
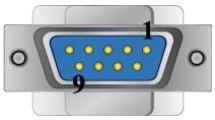
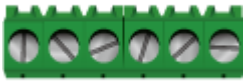
最大读取字数 (words): 16
最大写入字数 (words): 1
G1/H1/P1 系列 Inverter, 若标准参数地址 10 进制 = 100*G+F:
G=Group (参数群组码 0 ~ 9); F=Function no. (参数编号 0 ~ 99)
例如: Pr5-20 (decimal Dec.) 参数地址为 100*5+20=520.

参数 (PrX-XX)	地址 (decimal)
0-00	0*100+0=0
0-14	0*100+14=14
1-00	1*100+0=100

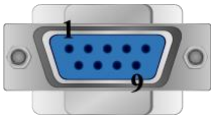
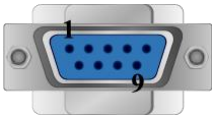
接线图:

以下图表示从连接线的焊接端所视.

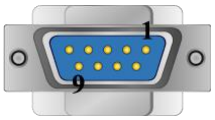
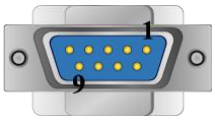
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W Terminal
1 RX-	6 Data-		SG-
2 RX+	9 Data+		SG+
5 GND	5 GND		
			

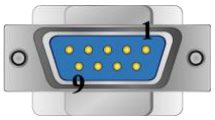
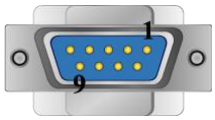
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W Terminal
7 RX-	4 Data-		SG-
6 RX+	1 Data+		SG+
5 GND	5 GND		
			

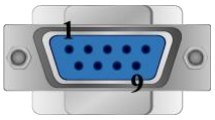
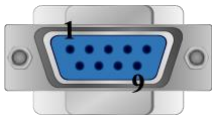
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W Terminal
1 RX-	7 Data-		SG-
2 RX+	8 Data+		SG+
5 GND	9 GND		
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W Terminal
1 RX-	6 Data-		SG-
2 RX+	9 Data+		SG+
5 GND	5 GND		
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W Terminal
1 RX-	7 Data-		SG-
2 RX+	8 Data+		SG+
5 GND	5 GND		
			

驱动版本:

版本	日期	叙述
V1.00	Dec/08/2010	发布驱动程序

TOSHIBA INVERTER VF

支持系列: Toshiba Invertor 通讯协议 (ASCII code).

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	TOSHIBA INVERTER VF		
PLC 界面	RS485 2W	RS422, RS485	
传输速率	9600	9600, 19200	
校验	Even	Even, Odd, None	
数据位	8	7 or 8	
停止位	1	1 or 2	
PLC 站号	0	0-99	

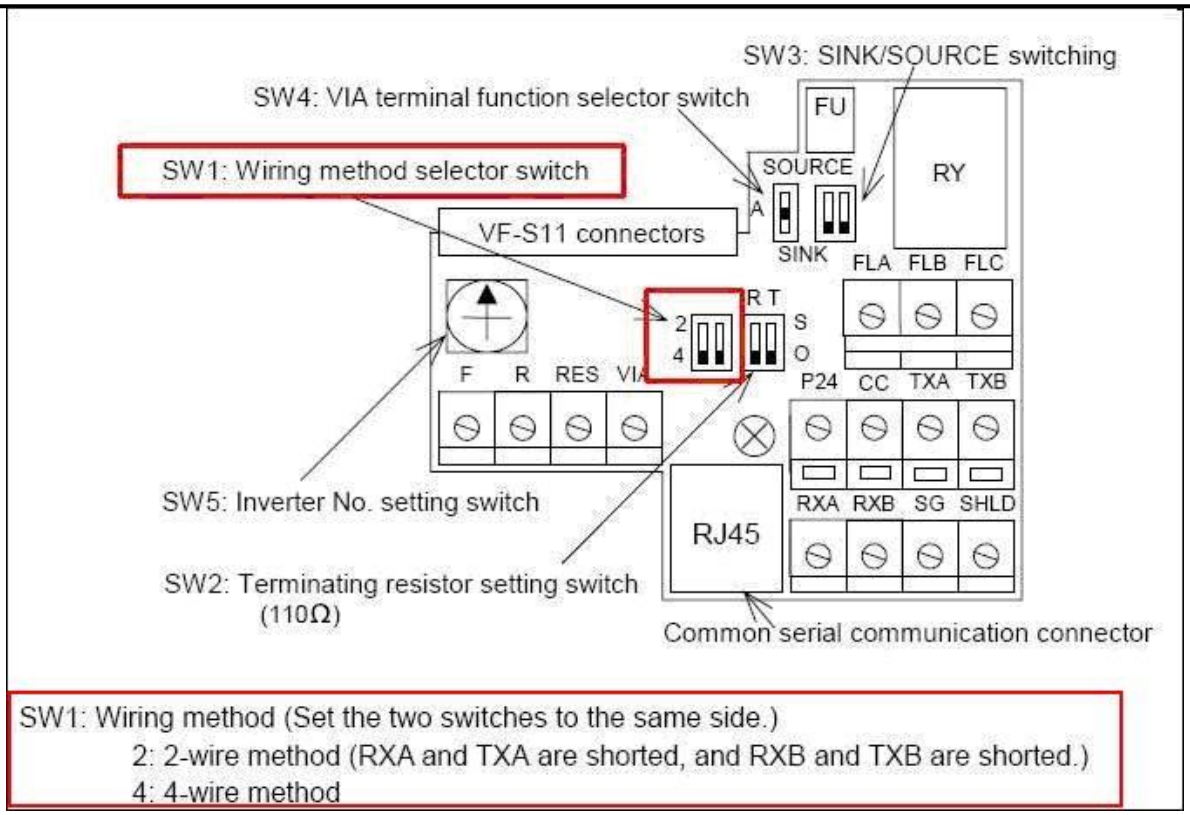
在线仿真	YES	扩展模式	YES
广播命令	YES		

设备类型:

字符/位	设备类型	格式	范围	注释
B	Cmd. No B	HHHHdd	0 ~ 270f15	
W	Cmd. No	HHHH	0 ~ ffff	parameter & data memory

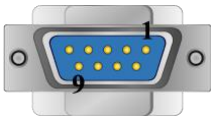
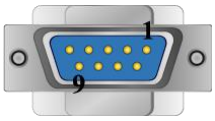
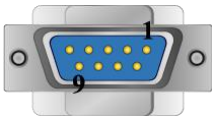
接线图:

注意:
在连接 TOSHIBA INVERTER VF 之前, 请确认已将 SW1 指拨开关拨至相关位置. (SW1: Wiring method selector switch)

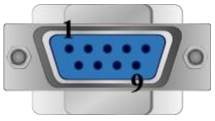
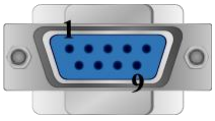


以下图表示从连接线的焊接端所视.

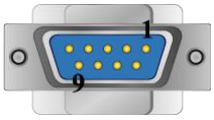
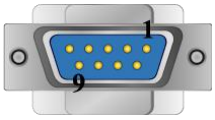
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 8P RJ45 Male
1 RX-	6 Data-		5 Data-
2 RX+	9 Data+		4 Data+
5 GND	5 GND		8 Gnd
			

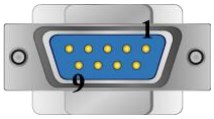
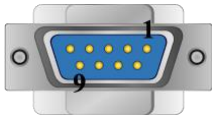
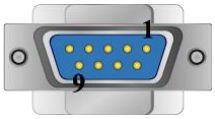
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 8P RJ45 Male
7 RX-	4 Data-		5 Data-
6 RX+	1 Data+		4 Data+
5 GND	5 GND		8 Gnd
			

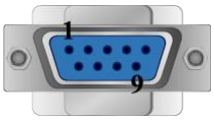
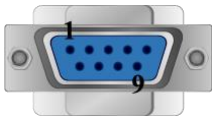
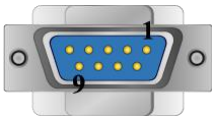
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 8P RJ45 Male
1 RX-	7 Data-		5 Data-
2 RX+	8 Data+		4 Data+
5 GND	9 GND		8 Gnd
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 8P RJ45 Male
1 RX-	6 Data-		5 Data-
2 RX+	9 Data+		4 Data+
5 GND	5 GND		8 Gnd
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 8P RJ45 Male
1 RX-	7 Data-		5 Data-
2 RX+	8 Data+		4 Data+
5 GND	5 GND		8 Gnd
			

驱动版本:

版本	日期	叙述
V1.20	Apr/03/2013	TOSHIBA VF-S11 驱动程序更名为 TOSHIBA INVERTER VF.

TOSHIBA T Series

支持系列: Toshiba T 系列, S2E.

网站: http://www.tic.toshiba.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	TOSHIBA T Series		
PLC 界面	RS232	RS232/RS485	
传输速率	9600	9600, 19200, 38400, 57600, 115200	
校验	Odd	Even, Odd, None	
数据位	8	7,8	
停止位	1	1, 2	
PLC 站号	0	0-255	

在线仿真	YES	扩展模式	YES

PLC 设定:

通讯模式	需设定 PLC 节点 ID

设备类型:

字符/位	设备类型	格式	范围	注释
B	X	DDDDh	0 ~ 4095f	Input Bit
B	Y	DDDDh	0 ~ 4095f	Output Bit
B	R	DDDDh	0 ~ 8191f	Auxiliary Bit
B	S	DDDDh	0 ~ 4095f	Special Bit
B	L	DDDDh	0 ~ 4095f	
B	Z	DDDDh	0 ~ 8191f	
W	T	DDD	0 ~ 999	Timer Register
W	C	DDD	0 ~ 511	Counter Register
W	D	DDDD	0 ~ 8191	Data Memory
W	SW	DDD	0 ~ 255	Special Register
W	XW	DDD	0 ~ 255	Input Register

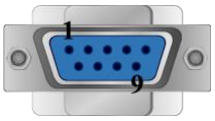
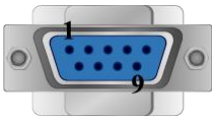
字符/位	设备类型	格式	范围	注释
W	YW	DDD	0 ~ 255	Output Register
W	RW	DDD	0 ~ 999	Auxiliary Register
W	LW	DDD	0 ~ 255	
W	W	DDDD	0 ~ 1023	
W	F	DDDD	0 ~ 8191	

接线图:

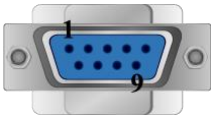
以下图表示从连接线的焊接端所视.

Toshiba T1 PRG RS232 : 9P D-Sub to 8P Mini-DIN

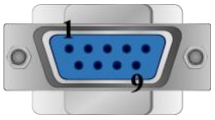
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 8P Mini-DIN Female socket	
2 RX	8 RX		6 TXD	
3 TX	7 TX		8 RXD	
5 GND	5 GND		5 GND	
			4 RTS 7 CTS	circuit
				

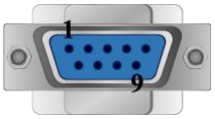
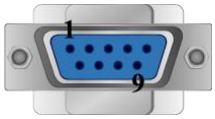
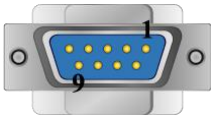
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 8P Mini-DIN Female socket	
2 RX			6 TXD	
3 TX			8 RXD	
5 GND			5 GND	
			4 RTS 7 CTS	circuit
				

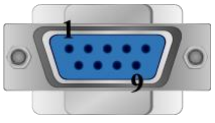
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 8P Mini-DIN Female socket	
2 RX			6 TXD	
3 TX			8 RXD	
5 GND			5 GND	
			4 RTS 7 CTS	circuit
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 8P Mini-DIN Female socket	
2 RX	6 RX	8 RX	6 TXD	
3 TX	4 TX	7 TX	8 RXD	
5 GND	5 GND	5 GND	5 GND	
			4 RTS 7 CTS	circuit
				

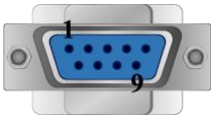
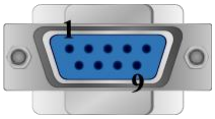
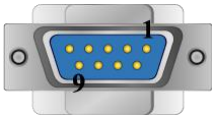
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 8P Mini-DIN Female socket	
9 RX			6 TXD	
6 TX			8 RXD	
5 GND			5 GND	
			4 RTS 7 CTS	circuit
				

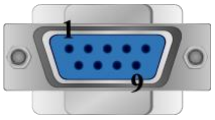
以下图表示从连接线的焊接端所视.

Toshiba T2 PRG RS232 : 9P D-Sub to 9P D-Sub

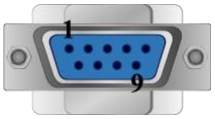
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male	
2 RX	8 RX		3 TXD	
3 TX	7 TX		2 RXD	
5 GND	5 GND		5 GND	
			7 RTS	circuit
			8 CTS	
				

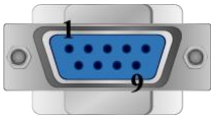
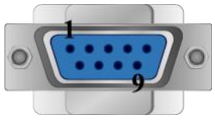
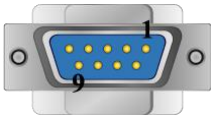
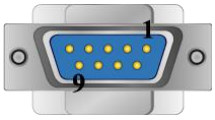
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

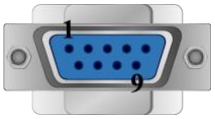
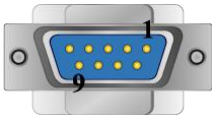
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male	
2 RX	6 RX	8 RX	3 TXD	
3 TX	4 TX	7 TX	2 RXD	
5 GND	5 GND	5 GND	5 GND	
			7 RTS	circuit
			8 CTS	
				

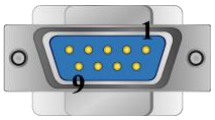
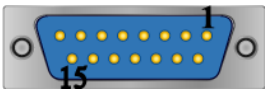
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
9 RX			3 TXD	
6 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

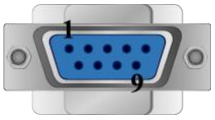
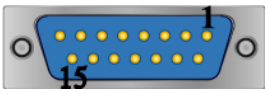
以下图表示从连接线的焊接端所视.

Toshiba T2 LINK Port RS485 4W : 9P D-Sub to 15P D-Sub

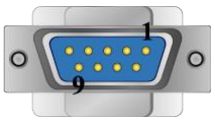
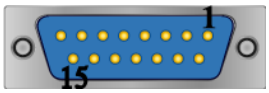
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 15P D-Sub Male	
1 RX-			11 TXB	
2 RX+			3 TXA	
3 TX-			10 RXB	
4 TX+			2 RXA	
5 GND			7 SG	
			5 RTSA	circuit
			4 CTSA	
			13 RTSB	circuit
			12 CTSB	
				

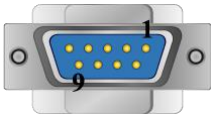
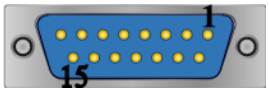
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS485 4W 15P D-Sub Male	
7 RX-			11 TXB	
6 RX+			3 TXA	
9 TX-			10 RXB	
8 TX+			2 RXA	
5 GND			7 SG	
			5 RTSA	circuit
			4 CTSA	
			13 RTSB	circuit
			12 CTSB	
				

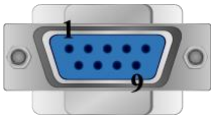
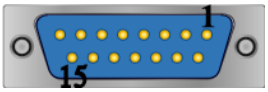
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 15P D-Sub Male	
1 RX-			11 TXB	
2 RX+			3 TXA	
3 TX-			10 RXB	
4 TX+			2 RXA	
5 GND			7 SG	
			5 RTSA	circuit
			4 CTSA	
			13 RTSB	circuit
			12 CTSB	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS485 4W 15P D-Sub Male	
1 RX-			11 TXB	
2 RX+			3 TXA	
3 TX-			10 RXB	
4 TX+			2 RXA	
5 GND			7 SG	
			5 RTSA	circuit
			4 CTSA	
			13 RTSB	circuit
			12 CTSB	
				

MT6050i/MT8050i

<table>
<tr><td>COM1 RS485 4W 9P D-Sub Female</td><td></td><td></td><td colspan="2">RS485 4W 15P D-Sub Male</td></tr>
<tr><td>1 RX-</td><td></td><td></td><td colspan="2">11 TXB</td></tr>
<tr><td>2 RX+</td><td></td><td></td><td colspan="2">3 TXA</td></tr>
<tr><td>3 TX-</td><td></td><td></td><td colspan="2">10 RXB</td></tr>
<tr><td>4 TX+</td><td></td><td></td><td colspan="2">2 RXA</td></tr>
<tr><td>5 GND</td><td></td><td></td><td colspan="2">7 SG</td></tr>
<tr><td colspan="3" rowspan="4"></td><td>5 RTSA</td><td rowspan="2">circuit</td></tr>
<tr><td>4 CTSA</td></tr>
<tr><td>13 RTSB</td><td rowspan="2">circuit</td></tr>
<tr><td>12 CTSB</td></tr>
<tr><td> 
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</table>

驱动版本:

版本	日期	叙述
V1.20	May/13/2011	TOSHIBA T 系列驱动可以正确读写 “L”, “LW”, “F” 地址类型.

TOSHIBA MACHINE Provisor TC200

支持系列: TOSHIBA MACHINE CO., JAPAN

网站: http://www.toshiba-machine.co.jp

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	TOSHIBA MACHINE Provisor TC200		
PLC 界面	RS232	RS232	
传输速率	9600	9600, 19200	
校验	None	Even, Odd, None	
数据位	8	7,8	
停止位	1	1, 2	

设备类型:

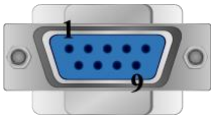
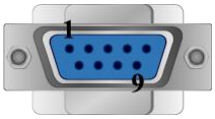
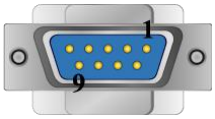
字符/位	设备类型	格式	范围	注释
B	R_bit	HHHh	0 ~ ffff	h : Bit no.(0~f)
B	X_bit	HHHh	0 ~ ffff	h : Bit no.(0~f)
B	Y_bit	HHHh	0 ~ ffff	h : Bit no.(0~f)
B	L_bit	HHHh	0 ~ ffff	h : Bit no.(0~f)
B	G_bit	HHHh	0 ~ ffff	h : Bit no.(0~f)
B	H_bit	HHHh	0 ~ ffff	h : Bit no.(0~f)
B	T_bit	HHHh	0 ~ ffff	h : Bit no.(0~f)
B	C_bit	HHHh	0 ~ ffff	h : Bit no.(0~f)
B	S_bit	HHHh	0 ~ ffff	h : Bit no.(0~f)
B	E_bit	HHHh	0 ~ ffff	h : Bit no.(0~f)
W	P	HHH	0 ~ fff	
W	V	HHH	0 ~ fff	
W	X	HHH	0 ~ fff	
W	Y	HHH	0 ~ fff	
W	D	HHH	0 ~ fff	
W	R	HHH	0 ~ fff	
W	L	HHH	0 ~ fff	
W	B	HHH	0 ~ fff	
W	G	HHH	0 ~ fff	

字符/位	设备类型	格式	范围	注释
W	H	HHH	0 ~ fff	
W	T	HHH	0 ~ fff	
W	C	HHH	0 ~ fff	
W	S	HHH	0 ~ fff	
W	E	HHH	0 ~ fff	

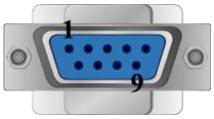
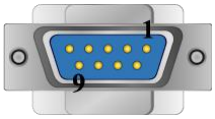
接线图:

以下图表示从连接线的焊接端所视.

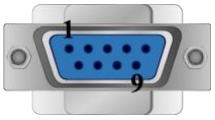
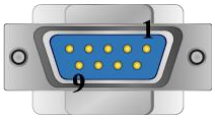
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		TC mini series RS232 9P D-Sub Male	
2 RX	8 RX		2 TXD	
3 TX	7 TX		3 RXD	
5 GND	5 GND		5 GND	
			7 RTS	circuit
			8 CTS	
				

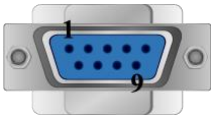
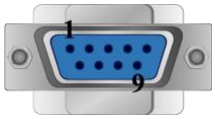
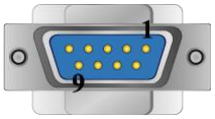
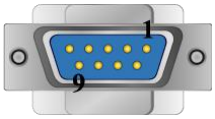
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			TC mini series RS232 9P D-Sub Male	
2 RX			2 TXD	
3 TX			3 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

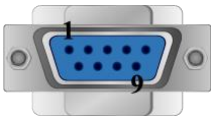
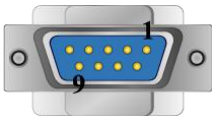
MT8000iE series

COM1 RS232 9P D-Sub Female			TC mini series RS232 9P D-Sub Male	
2 RX			2 TXD	
3 TX			3 RXD	
5 GND			5 GND	
			7 RTS 8 CTS	circuit
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	TC mini series RS232 9P D-Sub Male	
2 RX	6 RX	8 RX	2 TXD	
3 TX	4 TX	7 TX	3 RXD	
5 GND	5 GND	5 GND	5 GND	
			7 RTS 8 CTS	circuit
				

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			TC mini series RS232 9P D-Sub Male	
9 RX			2 TXD	
6 TX			3 RXD	
5 GND			5 GND	
			7 RTS 8 CTS	circuit
				

驱动版本:

版本	日期	叙述
V1.10	Aug/17/2012	新增缓存器：B,G,H,T,C,S,F.

Trio MODBUS RTU, TCP/IP

网站: http://www.triomotion.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Trio MODBUS RTU, TCP/IP		
PLC 界面	RS485	RS232/RS485/Ethernet	
传输速率	9600	9600~115200	
校验	Even	Even, Odd, None	
数据位	8	7, 8	
停止位	1	1, 2	
端口	502		
PLC 站号	1	0-255	

在线仿真	YES	广播命令	YES
扩展模式	YES		

PLC 设定:

通讯模式	Modbus RTU 通讯协议
PLC 模式	4 (16 位有号整数)

设备类型:

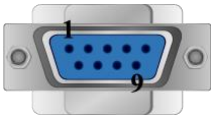
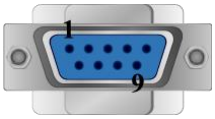
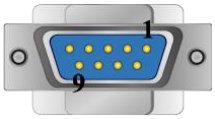
字符/位	设备类型	格式	范围	注释
B	VR_Bit	DDDDdd	0 ~ 102315	
B	Table_Bit	DDDDDdd	0 ~ 3199915	
W	VR	DDDD	0 ~ 1023	
W	Table	DDDDD	0 ~ 31999	

接线图:

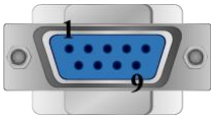
以下图表示从连接线的焊接端所视.

Trio : RS232

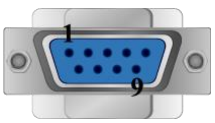
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male	
2 RX	8 RX		TXD	
3 TX	7 TX		RXD	
5 GND	5 GND		GND	
			RTS CTS	circuit
				

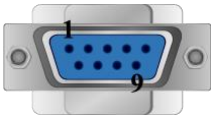
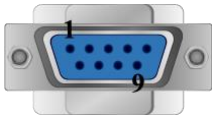
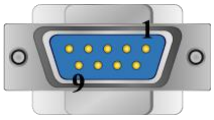
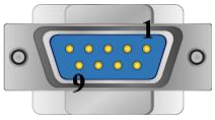
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			TXD	
3 TX			RXD	
5 GND			GND	
			RTS CTS	circuit
				

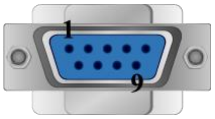
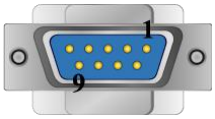
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			TXD	
3 TX			RXD	
5 GND			GND	
			RTS CTS	circuit
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male	
2 RX	6 RX	8 RX	TXD	
3 TX	4 TX	7 TX	RXD	
5 GND	5 GND	5 GND	GND	
			RTS CTS	circuit
				

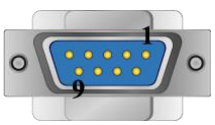
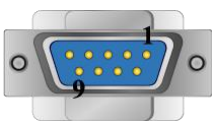
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
9 RX			TXD	
6 TX			RXD	
5 GND			GND	
			RTS CTS	circuit
				

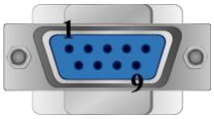
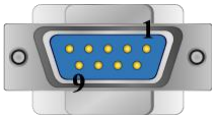
以下图表示从连接线的焊接端所视.

Trio : RS485 4W

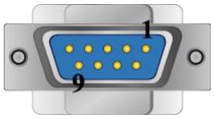
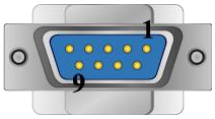
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

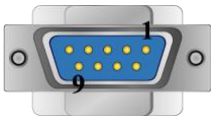
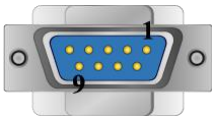
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS485 4W 9P D-Sub Male
7 RX-			TX-
6 RX+			TX+
9 TX-			RX-
8 TX+			RX+
5 GND			GND
			

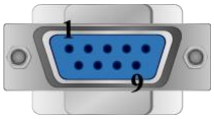
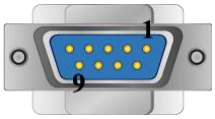
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

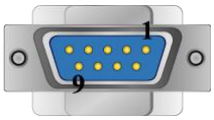
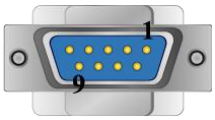
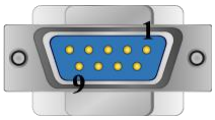
MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

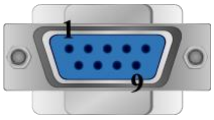
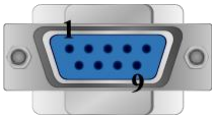
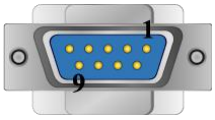
以下图表示从连接线的焊接端所视.

Trio : RS485 2W

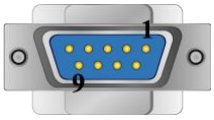
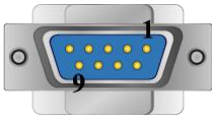
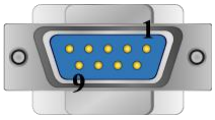
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		GND
			

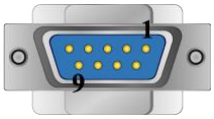
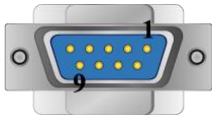
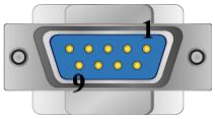
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
7 RX-	4 Data-		D-
6 RX+	1 Data+		D+
5 GND	5 GND		GND
			

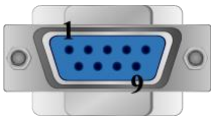
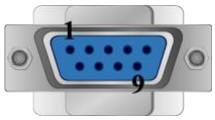
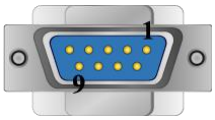
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	9 GND		GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	5 GND		GND
			

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.00	May/27/2011	发布驱动程序.

Trio MODBUS RTU, TCP/IP (Mode 7)

网站: http://www.triomotion.com

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	Trio MODBUS RTU, TCP/IP (Mode 7)		
PLC 界面	RS485	RS232/RS485/Ethernet	
传输速率	9600	9600~115200	
校验	Even	Even, Odd, None	
数据位	8	7, 8	
停止位	1	1, 2	
端口	502		
PLC 站号	1	0-255	

在线仿真	YES	广播命令	YES
扩展模式	YES		

PLC 设定:

通讯模式	Modbus RTU 通讯协议
PLC Mode	7 (IEEE 浮点数)

设备类型:

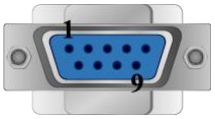
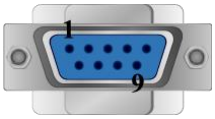
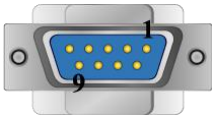
字符/位	设备类型	格式	范围	注释
B	VR_Bit	DDDDdd	0 ~ 102331	
B	Table_Bit	DDDDDdd	0 ~ 3199931	
W	VR	DDDD	0 ~ 1023	
W	Table	DDDDD	0 ~ 31999	

接线图:

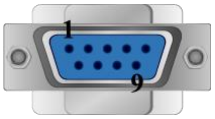
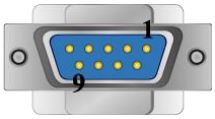
以下图表示从连接线的焊接端所视.

Trio : RS232

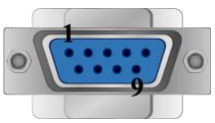
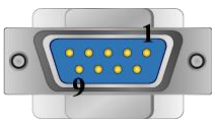
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male	
2 RX	8 RX		TXD	
3 TX	7 TX		RXD	
5 GND	5 GND		GND	
			RTS	circuit
			CTS	
				

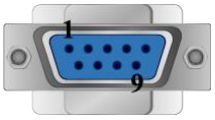
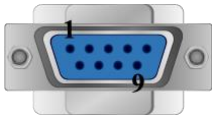
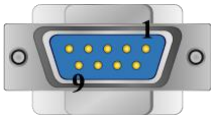
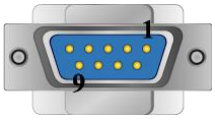
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			TXD	
3 TX			RXD	
5 GND			GND	
			RTS	circuit
			CTS	
				

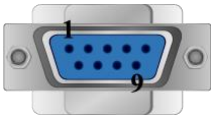
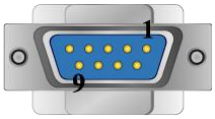
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			TXD	
3 TX			RXD	
5 GND			GND	
			RTS	circuit
			CTS	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male	
2 RX	6 RX	8 RX	TXD	
3 TX	4 TX	7 TX	RXD	
5 GND	5 GND	5 GND	GND	
			RTS CTS	circuit
				

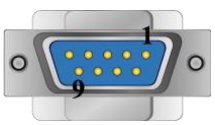
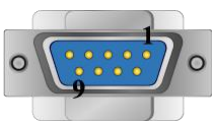
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
9 RX			TXD	
6 TX			RXD	
5 GND			GND	
			RTS CTS	circuit
				

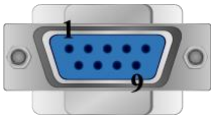
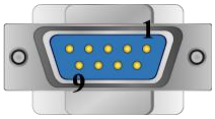
以下图表示从连接线的焊接端所视.

Trio : RS485 4W

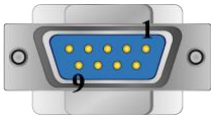
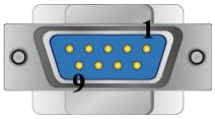
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

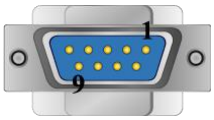
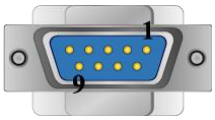
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS485 4W 9P D-Sub Male
7 RX-			TX-
6 RX+			TX+
9 TX-			RX-
8 TX+			RX+
5 GND			GND
			

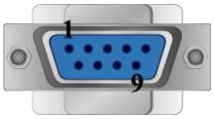
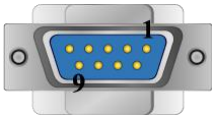
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

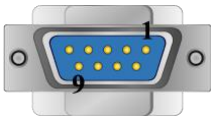
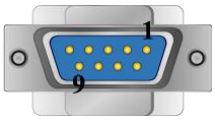
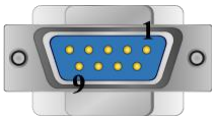
MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			RS485 4W 9P D-Sub Male
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			GND
			

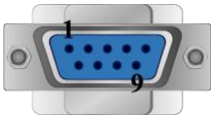
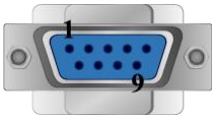
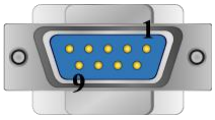
以下图表示从连接线的焊接端所视.

Trio : RS485 2W

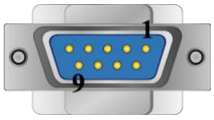
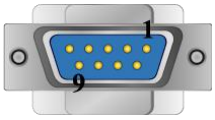
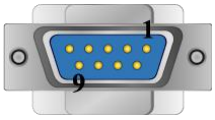
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		GND
			

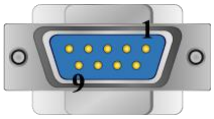
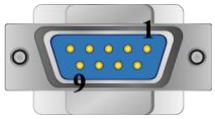
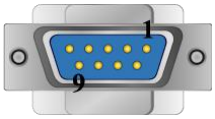
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
7 RX-	4 Data-		D-
6 RX+	1 Data+		D+
5 GND	5 GND		GND
			

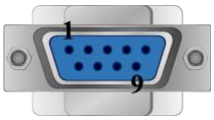
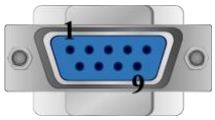
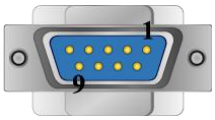
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	9 GND		GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		D-
2 RX+	9 Data+		D+
5 GND	5 GND		GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		D-
2 RX+	8 Data+		D+
5 GND	5 GND		GND
			

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.00	Apr/20/2012	发布驱动程序.

VIGOR

支持系列: VIGOR M 系列 & VB 系列.

网站: http://www.vigorplc.com.tw/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	VIGOR		
PLC 界面	RS232	RS232, RS485 4wires,	
传输速率	19200		
校验	None		V1.10 以前版本选择 Even
数据位	8		V1.10 以前版本选择 7
停止位	1		
PLC 站号	0		

*于穿透模式下可同时支持 HMI 与 PLC 间的通讯

*于穿透模式下可设定 LW-9903 为 2 来增进上传/下载 PLC 程序的速度

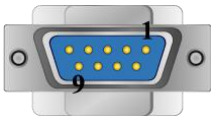
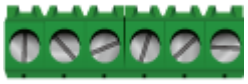
设备类型:

字符/位	设备类型	格式	范围	注释
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B	Y	OOO	0 ~ 377	
B	M	DDDD	0 ~ 7999	
B	T	DDD	0 ~ 255	
B	C	DDD	0 ~ 255	
B	SM	DDDD	9000 ~ 9255	
B	S	DDD	0 ~ 999	
W	TV	DDD	0 ~ 255	
W	CV	DDD	0 ~ 199	
W	D	DDDD	0 ~ 9255	
W	CV2	DDD	200 ~ 255	
W	SD	DDDD	9000 ~ 9255	

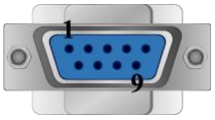
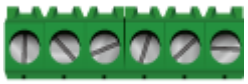
接线图:

以下图表示从连接线的焊接端所视.

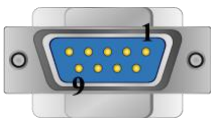
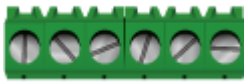
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			Vigor M series RS485 4W 6P Terminal
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			SG
			

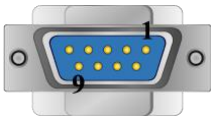
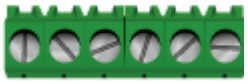
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			Vigor M series RS485 4W 6P Terminal
7 RX-			TX-
6 RX+			TX+
9 TX-			RX-
8 TX+			RX+
5 GND			SG
			

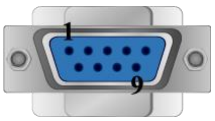
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			Vigor M series RS485 4W 6P Terminal
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			SG
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			Vigor M series RS485 4W 6P Terminal
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			SG
			

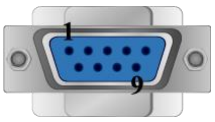
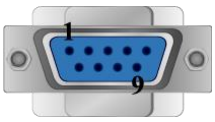
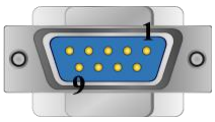
MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			Vigor M series RS485 4W 6P Terminal
1 RX-			TX-
2 RX+			TX+
3 TX-			RX-
4 TX+			RX+
5 GND			SG
			

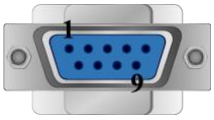
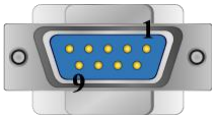
以下图表示从连接线的焊接端所视.

Vigor M series : RS232

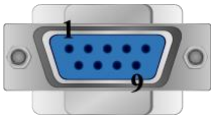
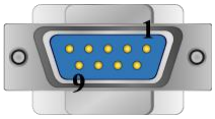
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		Vigor M series RS232 9P D-Sub Male
2 RX	8 RX		3 TXD
3 TX	7 TX		2 RXD
5 GND	5 GND		5 GND
			

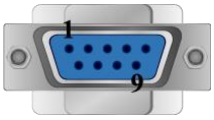
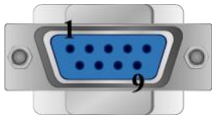
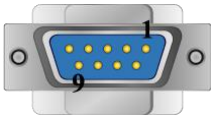
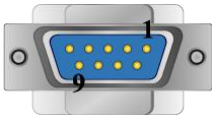
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			Vigor M series RS232 9P D-Sub Male
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

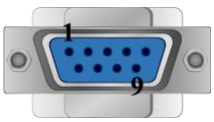
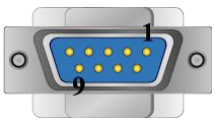
MT8000iE series

COM1 RS232 9P D-Sub Female			Vigor M series RS232 9P D-Sub Male
2 RX			3 TXD
3 TX			2 RXD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	Vigor M series RS232 9P D-Sub Male
2 RX	6 RX	8 RX	3 TXD
3 TX	4 TX	7 TX	2 RXD
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			Vigor M series RS232 9P D-Sub Male
9 RX			3 TXD
6 TX			2 RXD
5 GND			5 GND
			

驱动版本:

版本	日期	叙述
V1.10	Dec/30/2008	
V1.20	Mar/26/2014	1.增加 S 地址 2.支持穿透功能

VIPA 200

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	VIPA 200		
PLC 界面	RS485 2w	RS485 2w	
传输速率	9600	9600, 19200, 187.5K	HMI 后盖贴有 MPI 187.5K 才有支援 187.5 K 传输速率.
校验	Even	Even, Odd, None	
数据位	8	7,8	
停止位	1	1, 2	
PLC 站号	2	1 ~ 126	
通讯延时 (毫秒)	5		
参数 1	30		ACK delay time

在线仿真	YES	扩展模式	NO
广播命令	NO		

PLC 设定:

通讯模式	Set station number as 2

设备类型:

字符/位	设备类型	格式	范围	注释
B	I	DDDDo	0 ~ 40957	Input (I)
B	Q	DDDDo	0 ~ 40957	Output (O)
B	M	DDDDo	0 ~ 40957	Bit Memory
B	VW_Bit	DDDDDo	0 ~ 102397	V Memory Bit Address
Byte	VB	DDDDD	0 ~ 10239	
W	VW	DDDDD	0 ~ 10239	V Memory
W	VW_Odd	DDDDD	0 ~ 10239	V Memory
DW	VD	DDDDD	0 ~ 10239	V Memory Double Word
DW	VD_Odd	DDDDD	0 ~ 10239	V Memory Double Word
W	VW_String	DDDDD	0 ~ 10239	String
W	VW_String_Odd	DDDDD	0 ~ 10239	String

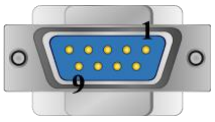
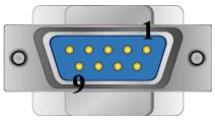
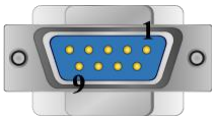
字符/位	设备类型	格式	范围	注释
DW	VD_String	DDDDD	0 ~ 10239	String
DW	VD_String_Odd	DDDDD	0 ~ 10239	String
Byte	MB	DDDDD	0 ~ 10239	Byte Memory
W	MW	DDDDD	0 ~ 10239	Word Memory
DW	MD	DDDDD	0 ~ 10239	Word Memory
W	MW_Odd	DDDDD	0 ~ 10239	Word Memory
W	T	DDD	0 ~ 127	Timer
W	C	DDD	0 ~ 127	Counter

- Double word 和 Floating point 数值需使用 VD 设备类型.

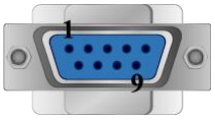
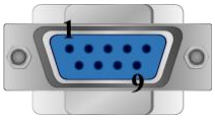
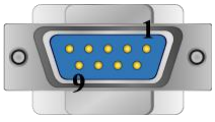
接线图:

以下图表示从连接线的焊接端所视.

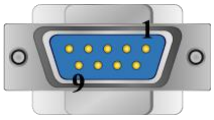
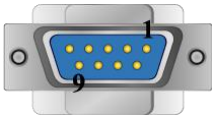
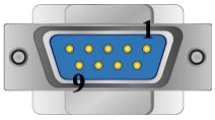
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		8 D-
2 RX+	9 Data+		3 D+
5 GND	5 GND		5 GND
			

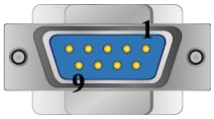
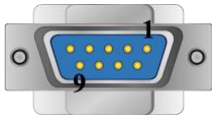
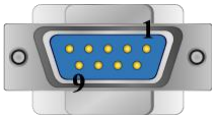
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
7 RX-	4 Data-		8 D-
6 RX+	1 Data+		3 D+
5 GND	5 GND		5 GND
			

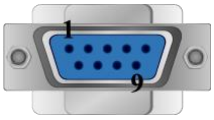
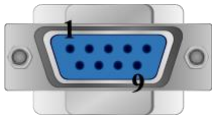
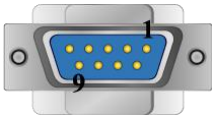
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		8 D-
2 RX+	8 Data+		3 D+
5 GND	9 GND		5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		8 D-
2 RX+	9 Data+		3 D+
5 GND	5 GND		5 GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		8 D-
2 RX+	8 Data+		3 D+
5 GND	5 GND		5 GND
			

驱动版本:

版本	日期	叙述
V2.30	Aug/17/2009	
V2.40	Nov/1/2011	增加 MD 地址

VIPA 200 (VD any address)

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	VIPA 200 (VD any address)		
PLC 界面	RS485 2w	RS485 2w	
传输速率	9600	9600, 19200, 187.5K	HMI 后盖贴有 MPI 187.5K 才有支援 187.5 K 传输速率.
校验	Even	Even, Odd, None	
数据位	8	7,8	
停止位	1	1, 2	
PLC 站号	2	1 ~ 126	
通讯延时 (毫秒)	5		
参数 1	30		ACK delay time

在线仿真	YES	扩展模式	NO
广播命令	NO		

PLC 设定:

通讯模式	Set station number as 2

设备类型:

字符/位	设备类型	格式	范围	注释
B	I	DDDDo	0 ~ 40957	Input (I)
B	Q	DDDDo	0 ~ 40957	Output (O)
B	M	DDDDo	0 ~ 40957	Bit Memory
B	VW_Bit	DDDDDo	0 ~ 102397	V Memory Bit Address
W	VW	DDDDD	0 ~ 10239	V Memory
DW	VD	DDDDD	0 ~ 10239	V Memory Double Word
W	VW_String	DDDDD	0 ~ 10239	String
DW	VD_String	DDDDD	0 ~ 10239	String
W	MW	DDDDD	0 ~ 10239	Word Memory
W	T	DDD	0 ~ 127	Timer

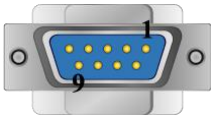
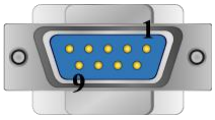
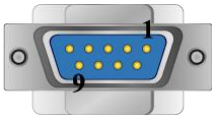
字符/位	设备类型	格式	范围	注释
W	C	DDD	0 ~ 127	Counter
DW	MD	DDDDD	0 ~ 10239	Word Memory

- Double word 和 Floating point 数值需使用 VD 设备类型.

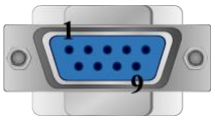
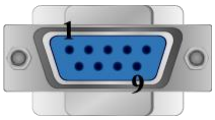
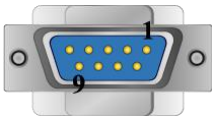
接线图:

以下图表示从连接线的焊接端所视.

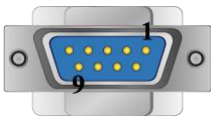
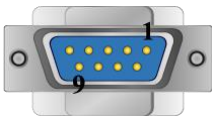
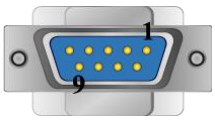
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		8 D-
2 RX+	9 Data+		3 D+
5 GND	5 GND		5 GND
			

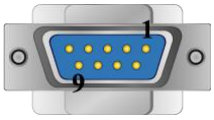
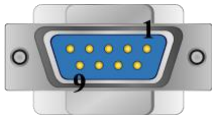
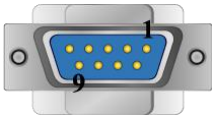
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
7 RX-	4 Data-		8 D-
6 RX+	1 Data+		3 D+
5 GND	5 GND		5 GND
			

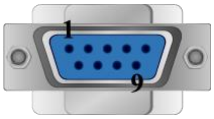
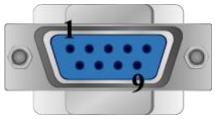
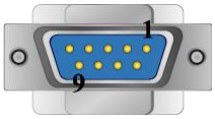
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		8 D-
2 RX+	8 Data+		3 D+
5 GND	9 GND		5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		8 D-
2 RX+	9 Data+		3 D+
5 GND	5 GND		5 GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		8 D-
2 RX+	8 Data+		3 D+
5 GND	5 GND		5 GND
			

驱动版本:

版本	日期	叙述
V1.20	Nov/16/2011	增加 MD 地址

VIPA 200, for ex. 214-2BT10 (Ethernet)

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	VIPA 200, for ex. 214-2BT10 (Ethernet)		
PLC 界面	Ethernet		
端口	102		
PLC 站号	1	0-31	

设备类型:

字符/位	设备类型	格式	范围	注释
B	I	DDDDo	0 ~ 40957	Input (I)
B	Q	DDDDo	0 ~ 40957	Output (O)
B	M	DDDDo	0 ~ 40957	Bit Memory
B	VW_Bit	DDDDDo	0 ~ 102397	V Memory Bit Address
W	VW	DDDDD	0 ~ 10239	V Memory
DW	VD	DDDDD	0 ~ 10239	V Memory Double Word
W	VW_String	DDDDD	0 ~ 10239	String
DW	VD_String	DDDDD	0 ~ 10239	String
DW	MD	DDDDD	0 ~ 10239	Word Memory

- Double word 和 Floating point 数值需使用 VD 设备类型.

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.20	Dec/30/2008	
V1.40	Nov/1/2011	增加 MD 地址

VIPA 200/300 MPI

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	VIPA 200/300 MPI		
PLC 界面	RS-485 2W		
传输速率	187.5K		HMI 背盖贴有 MPI 187.5K 才有支持 MPI 通讯.
校验	Even		
数据位	8		
停止位	1		
PLC 站号	2	2 ~ 31	

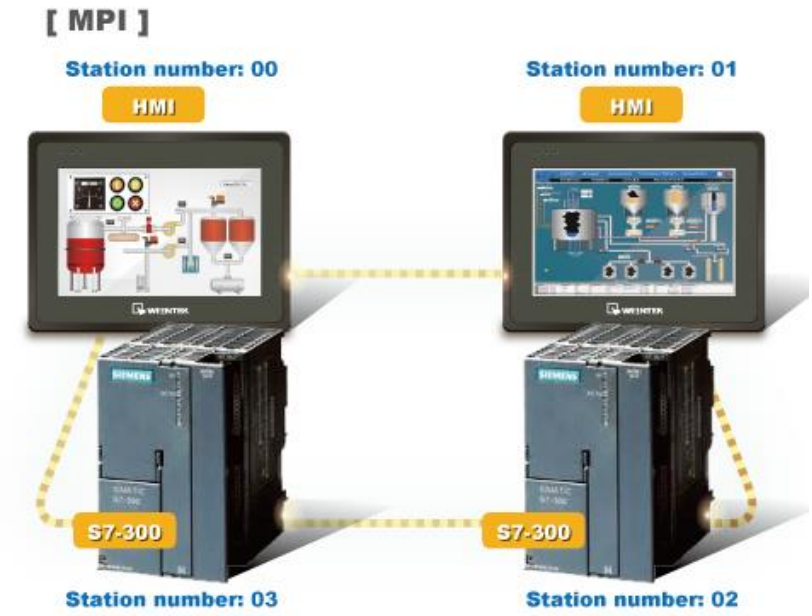
在线仿真	NO	扩展模式	Yes
广播命令	NO		

设备类型:

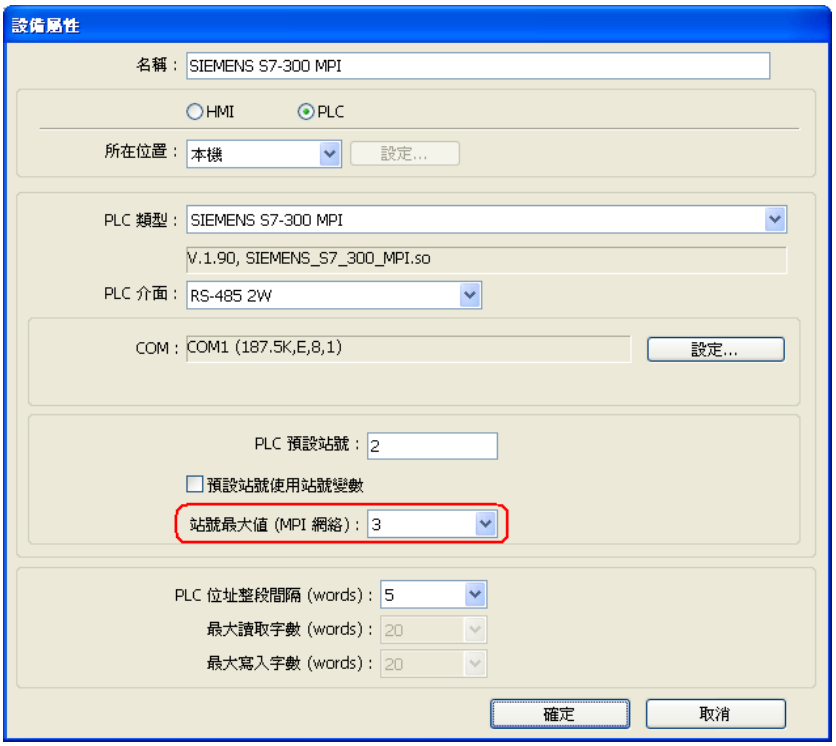
字符/位	设备类型	格式	范围	注释
B	I	DDDDo	0 ~ 40957	Input (I)
B	Q	DDDDo	0 ~ 40957	Output (O)
B	M	DDDDo	0 ~ 40957	Bit Memory
B	DBnBit	FFFFDDDDo	0 ~ 409699997	Data Register Bit
B	DB0Bit ~ DB99Bit	DDDDDo	0 ~ 655327	Data Register Bit
W	IW	DDDD	0 ~ 4095	Input (I)
W	QW	DDDD	0 ~ 4095	Output (O)
W	MW	DDDD	0 ~ 4095	Bit Memory
DW	MD	DDDD	0 ~ 4094	
Byte	MB	DDDD	0 ~ 4095	Bit Memory Byte
Byte	DBBn	FFFFDDDD	0 ~ 40969999	Data Register
W	DBn	FFFFDDDD	0 ~ 40969999	Data Register (需为偶数)
DW	DBDn	FFFFDDDD	0 ~ 40969999	(需为 4 的倍数)
W	DBn_String	FFFFDDDD	0 ~ 40969999	
DW	DBDn_String	FFFFDDDD	0 ~ 40969999	
W	DB0 ~ DB99	DDDDD	0 ~ 65532	Data Register (需为偶数)

* Double word 和 Floating point 数值需使用 DBDn 设备类型.

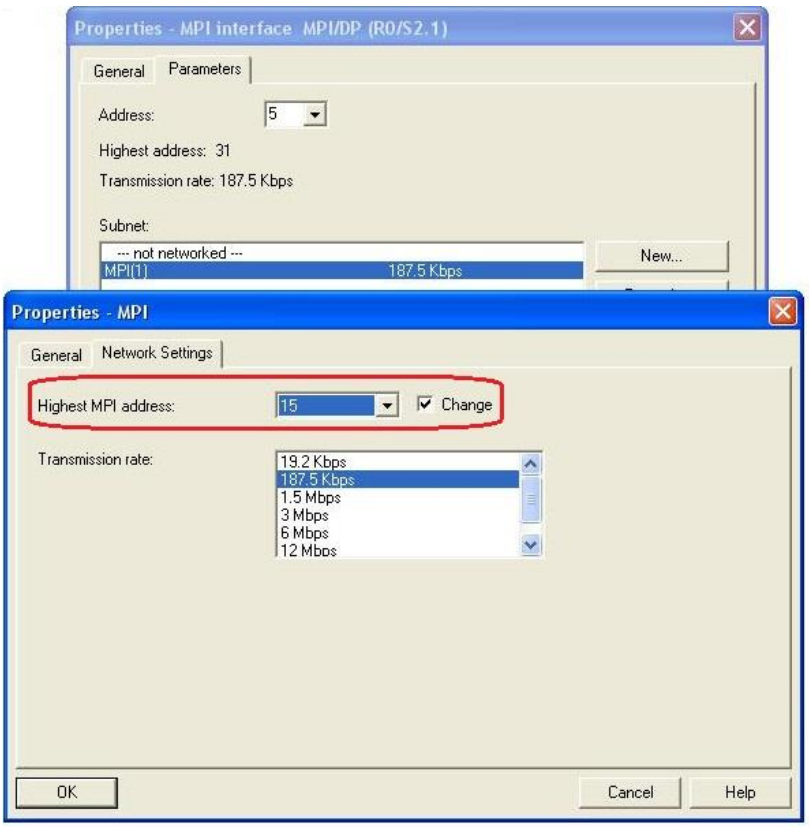
多机多屏通讯架构设定:



当欲使用 SIEMENS S7-300 MPI 驱动实现多机多屏通讯架构时，用户需正确设定 [站号最大值 (MPI 网络)]，此设定需考虑各装置的站号。如上示意图，MPI 网络上包含两台 HMI (站号分别为 0, 1) 与两台 PLC (站号分别为 2, 3)，此时站号最大值需设定为 3。



为了使得通讯更有效率，用户也可在 STEP 7 设定 PLC 的装置，如下，Properties MPI / Network Settings 页签将 Highest MPI address 选项设为最接近实际装置的站号。



■ 使用此架构时需注意 HMI 及 PLC 的站号不可重复。

■ 为了让系统运作更有效率，强烈建议网络装置间的站号从 0 开始且尽可能使用为连续数值，并正确设定 [站号最大值]。

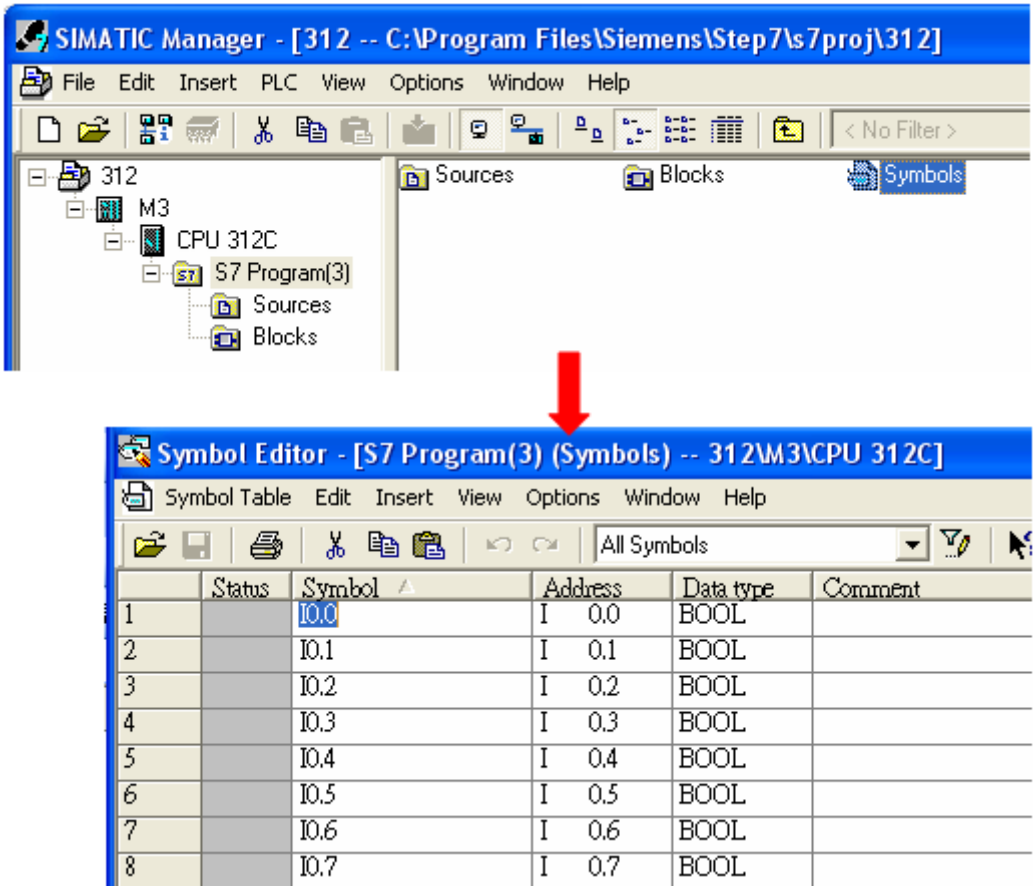
■ 于 EasyBuilder V4.50 及之后的版本支持此项功能。

如何汇入标签:

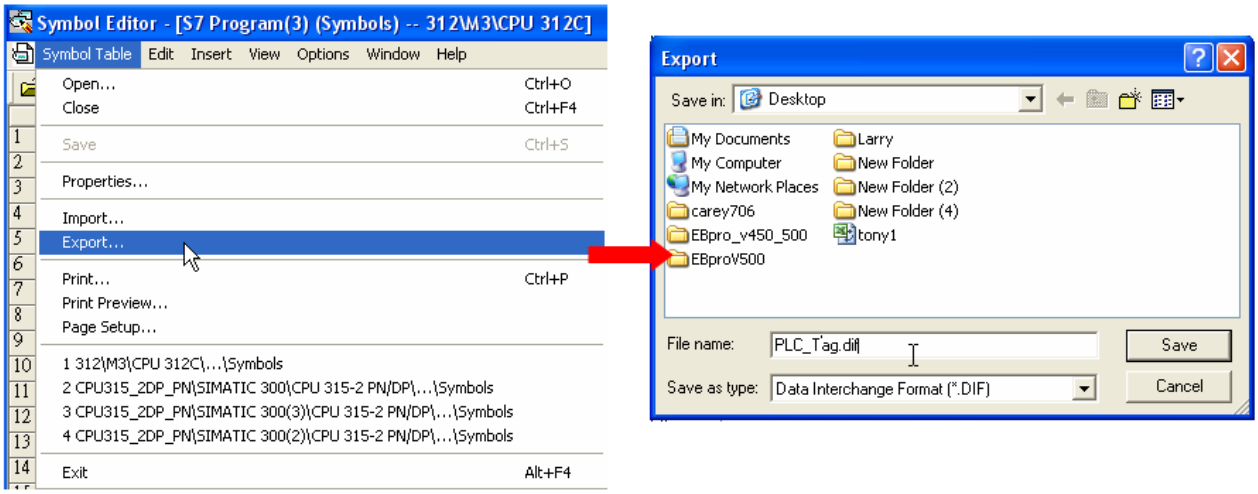
用户可以利用 SIEMENS 的 STEP 7 程序输出用户定义卷标档案(**.dif 檔**以及**.AWL 文件**),并在 EasyBuilder8000/EasyBuilderPro 的系统参数设定里汇入,以下将介绍如何产生及汇出这两种档案。

1. .dif 檔的建立

a、 在 Symbols 里将用户定义标签先建立完成



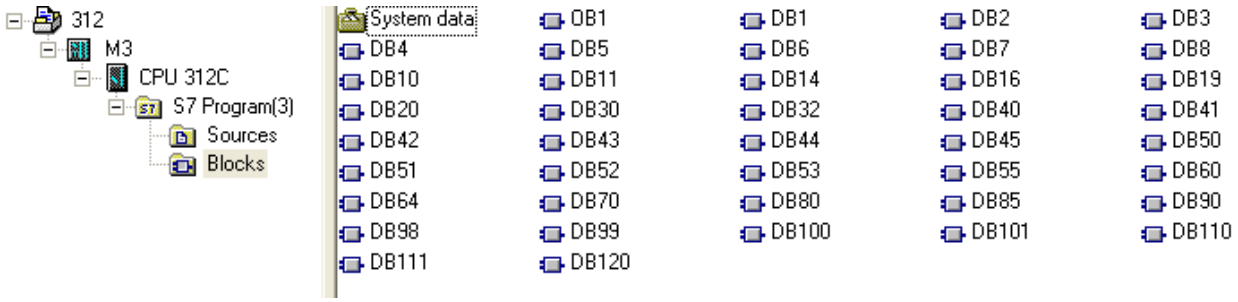
b、 接着按 **Export** 就能将编辑好的档案输出,按下 **Save** 储存完毕。



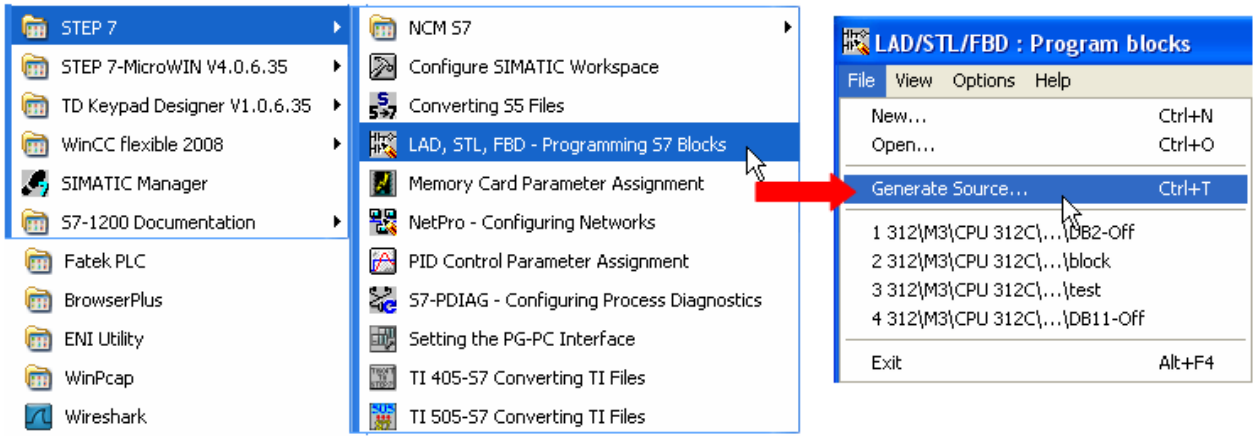
.

2. AWF 檔的建立

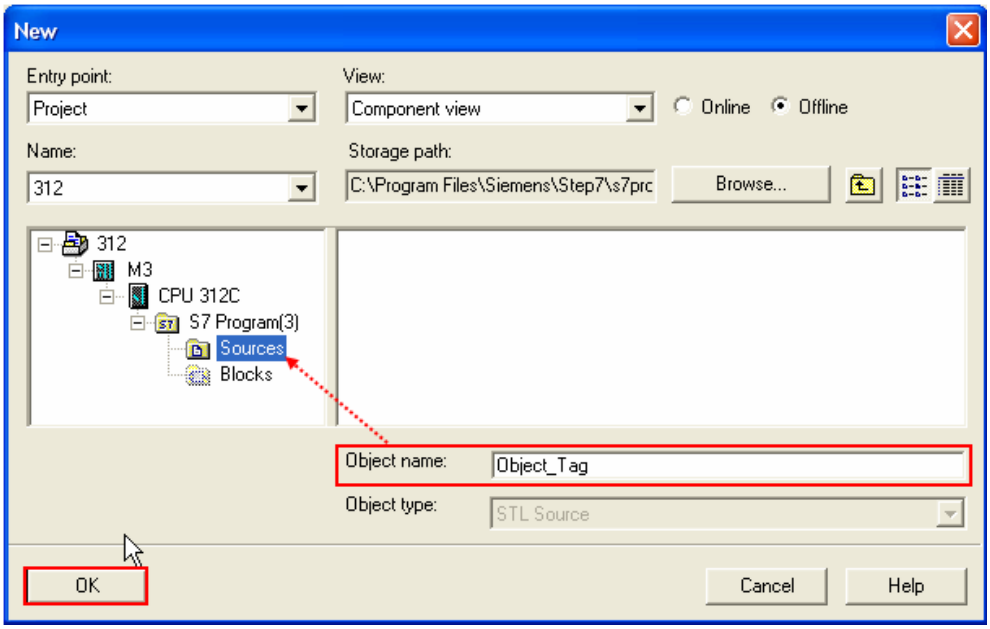
a、 用户可以在 **Blocks** 里建立对象如下图所示



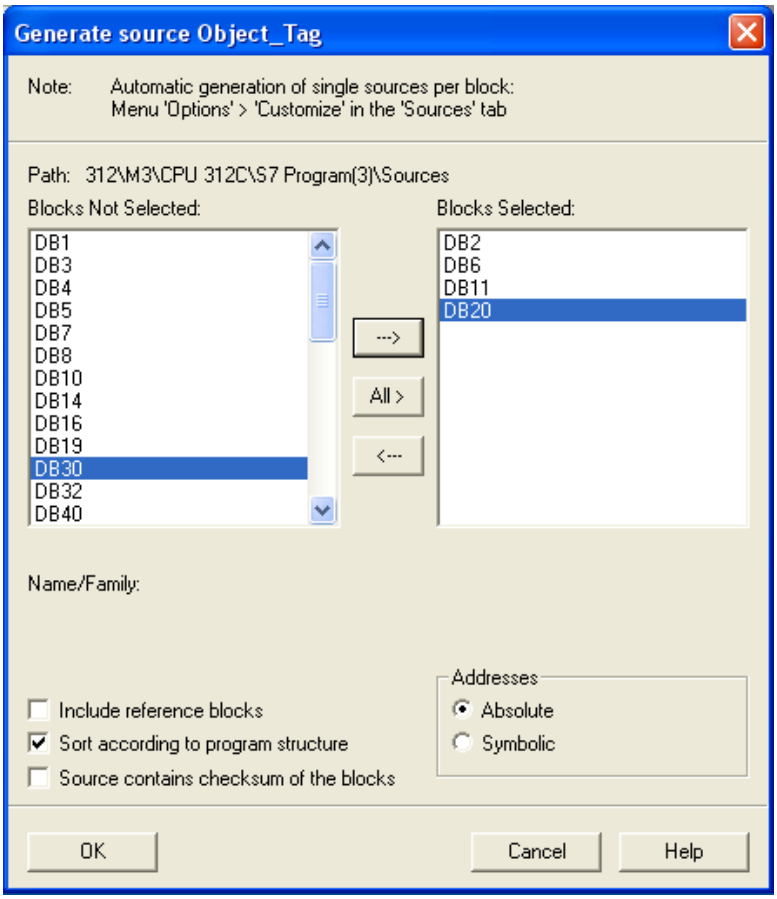
b、 开启 **LAD/STL,FBD – Programming S7 Blocks** 的程序后,点选 **File -> Generate Source**



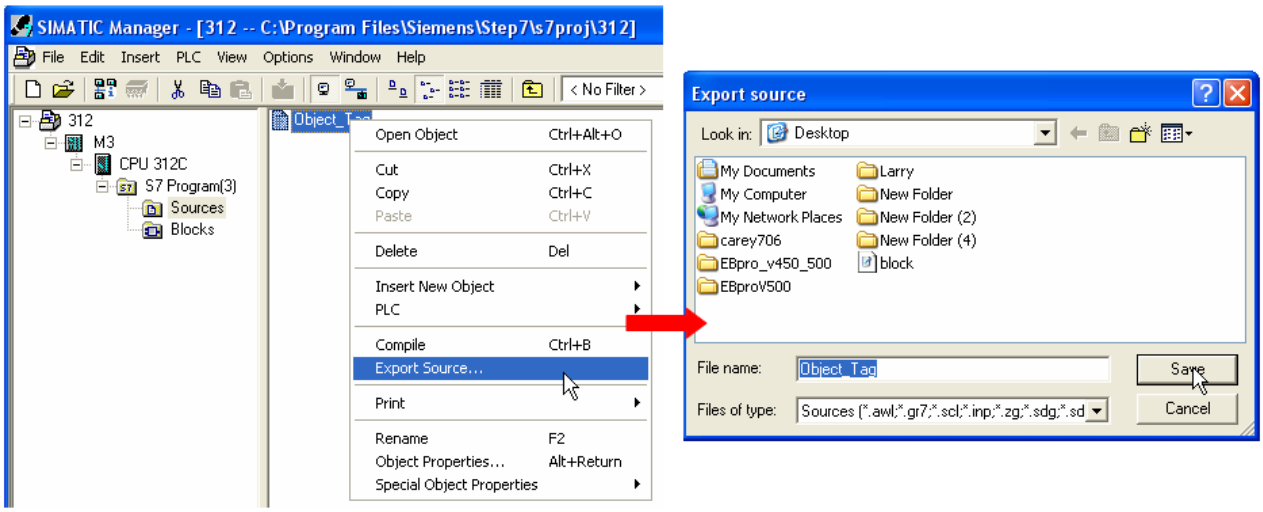
c、 选择 **Sources** 储存地址,并输入欲储存的文件名,按 **OK** 确认完成



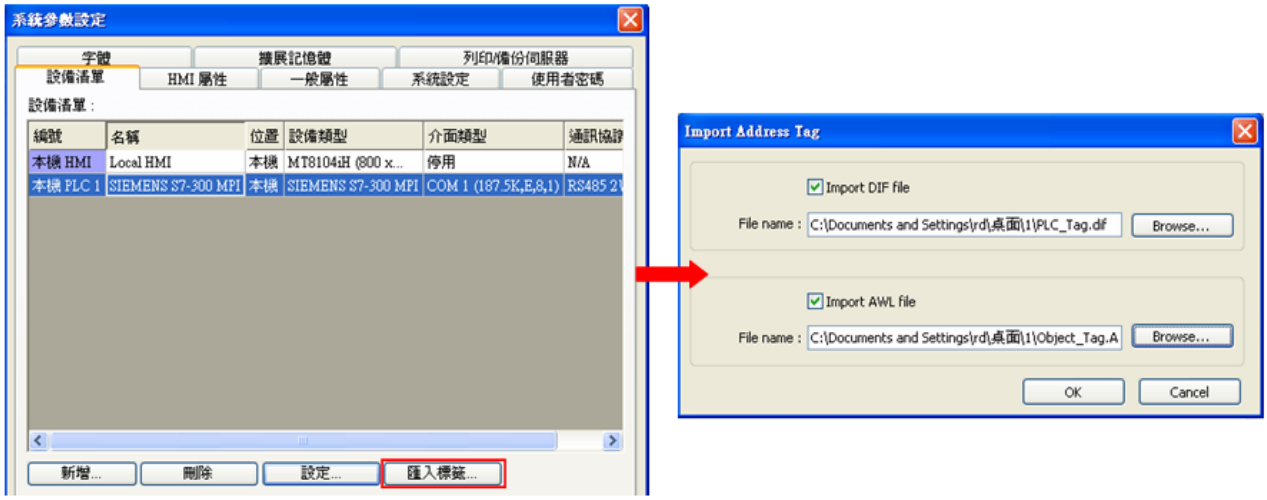
d、 选择欲导出的对象后,按 **OK** 确认



e、 此时 Sources 会出现方才储存的文件名,选择 **Export source**,即可成功的产生 AWL 档案



成功产生 dif 及 AWL 档案后,在 EasyBuilder8000/EasyBuilderPro 的**系统参数设定**里,即可进行**汇入标签**的步骤



成功汇入卷标会显示对话框如下

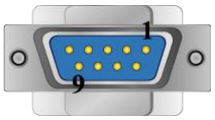
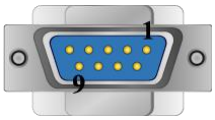
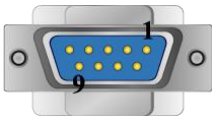


接线图:

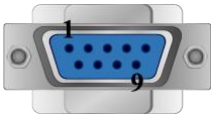
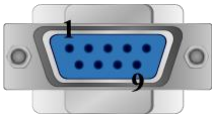
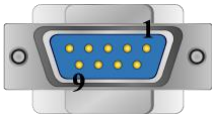
以下图表示从连接线的焊接端所视.

S7-200 PPI , S7-300 MPI :RS485 2W

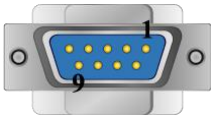
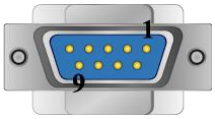
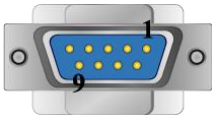
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		8 D-
2 RX+	9 Data+		3 D+
5 GND	5 GND		5 GND
			

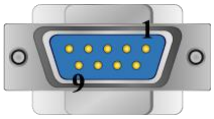
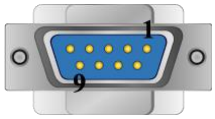
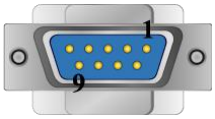
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
7 RX-	4 Data-		8 D-
6 RX+	1 Data+		3 D+
5 GND	5 GND		5 GND
			

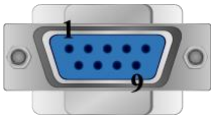
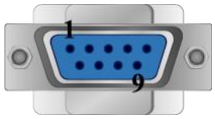
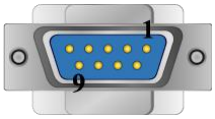
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		8 D-
2 RX+	8 Data+		3 D+
5 GND	9 GND		5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W 9P D-Sub Male
1 RX-	6 Data-		8 D-
2 RX+	9 Data+		3 D+
5 GND	5 GND		5 GND
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 9P D-Sub Male
1 RX-	7 Data-		8 D-
2 RX+	8 Data+		3 D+
5 GND	5 GND		5 GND
			

驱动版本:

版本	日期	叙述
V1.90	May/26/2011	新增 MB & DBBn 缓存器
V2.00	Aug/19/2011	i 系列 HMI 支持多机多屏通讯架构

VIPA 300

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	VIPA 300		
PLC 界面	RS232		
传输速率	19200, 38400, 187.5K	9600~187.5K	HMI 后盖贴有 MPI 187.5K 才有支援 187.5 K 传输速率.
校验	Odd		
数据位	8		
停止位	1		
PLC 站号	2		需与 PLC 设定相同

设备类型:

字符/位	设备类型	格式	范围	注释
B	I	DDDDo	0 ~ 40957	Input (I)
B	Q	DDDDo	0 ~ 40957	Output (O)
B	M	DDDDo	0 ~ 40957	Bit Memory
B	DBnBit	FFFFDDDDo	0 ~ 409681927	Data Register Bit
B	DB0Bit ~ DB99Bit	DDDDo	0 ~ 81927	
W	IW	DDDD	0 ~ 4095	Input (I)
W	QW	DDDD	0 ~ 4095	Output (O)
W	MW	DDDD	0 ~ 4095	Bit Memory
DW	MD	DDDD	0 ~ 4094	
Byte	MB	DDDD	0 ~ 4095	Bit Memory Byte
Byte	DBBn	FFFFDDDD	0 ~ 40968192	Data Register Byte
W	DBn	FFFFDDDD	0 ~ 40968192	Data Register (需为偶数)
DW	DBDn	FFFFDDDD	0 ~ 40968192	Data Register Double Word (需为 4 的倍数)
W	DBn_String	FFFFDDDD	0 ~ 40968192	Data Register Double Word (需为 4 的倍数)

字符/位	设备类型	格式	范围	注释
DW	DBDn_String	FFFFDDDD	0 ~ 40968192	Data Register Double Word (需为 4 的倍数)
W	DB0-DB99	DDDD	0 ~ 8192	Data Register (需为偶数)

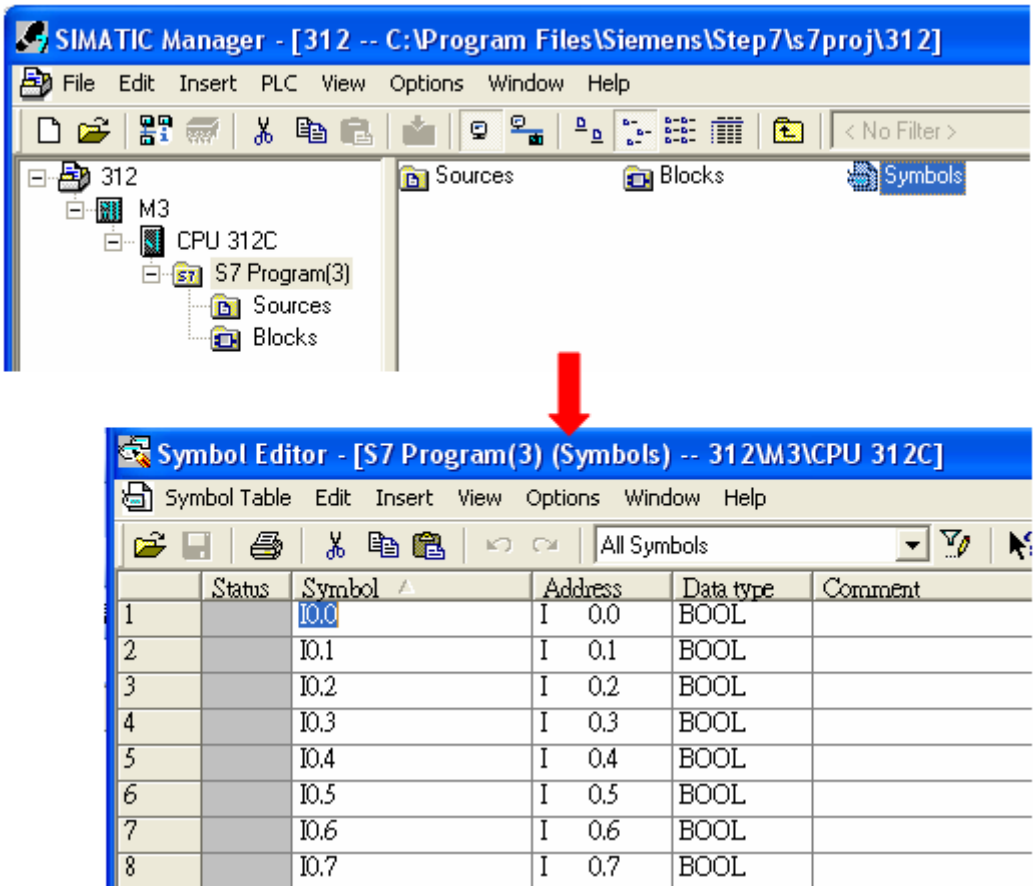
* Double word 和 Floating point 数值需使用 DBDn 设备类型.

如何汇入标签:

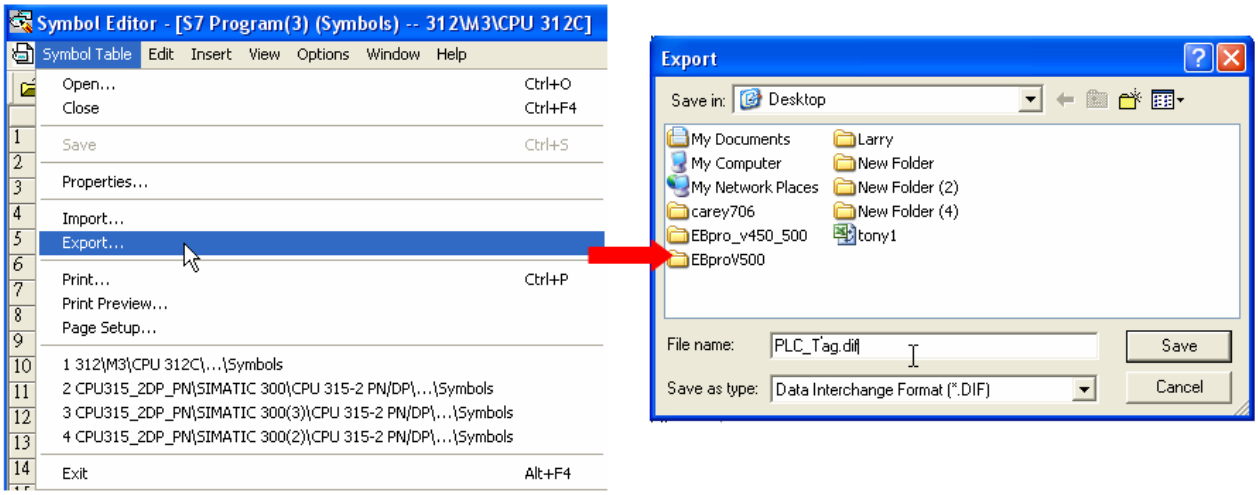
用户可以利用 SIEMENS 的 STEP 7 程序输出用户定义卷标档案(**.dif 檔**以及**.AWL 文件**),并在 EasyBuilder8000/EasyBuilderPro 的系统参数设定里汇入,以下将介绍如何产生及汇出这两种档案。

1. .dif 檔的建立

a、 在 Symbols 里将用户定义标签先建立完成

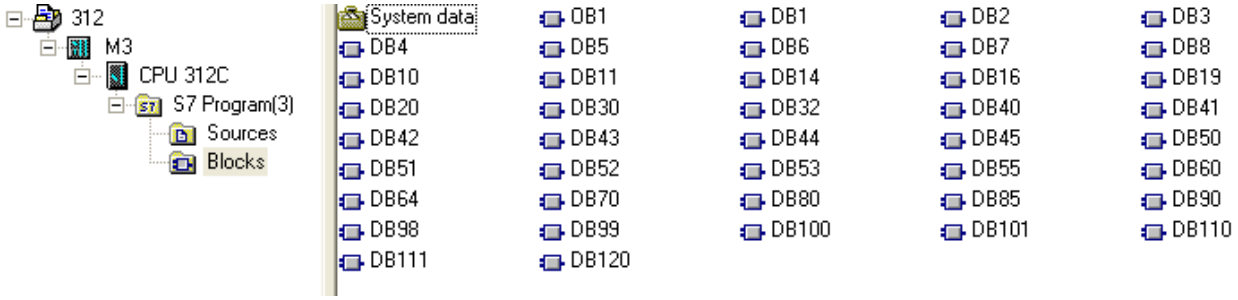


b、 接着按 **Export** 就能将编辑好的档案输出,按下 **Save** 储存完毕。

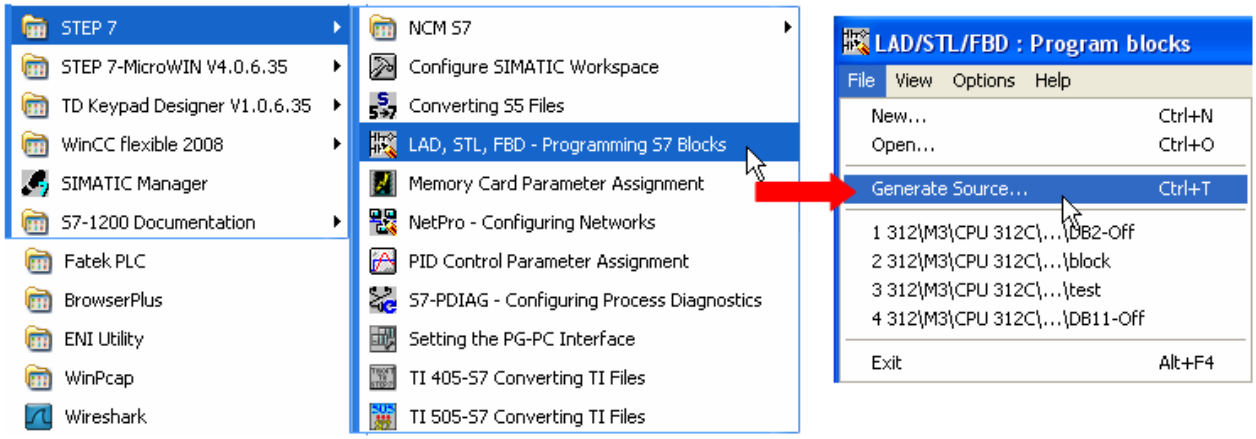


2. .AWF 檔的建立

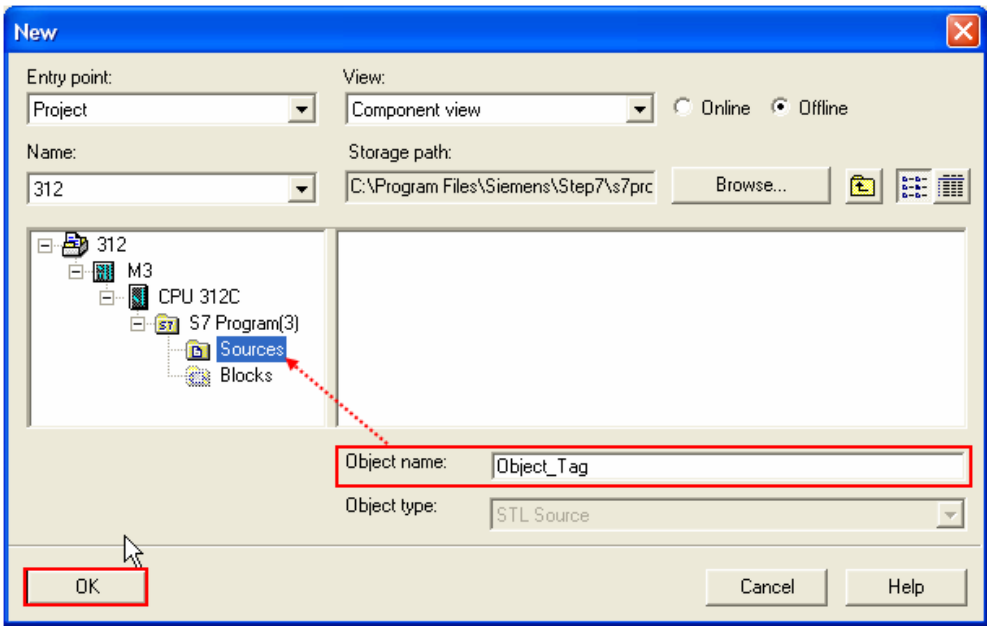
a、 用户可以在 **Blocks** 里建立对象如下图所示



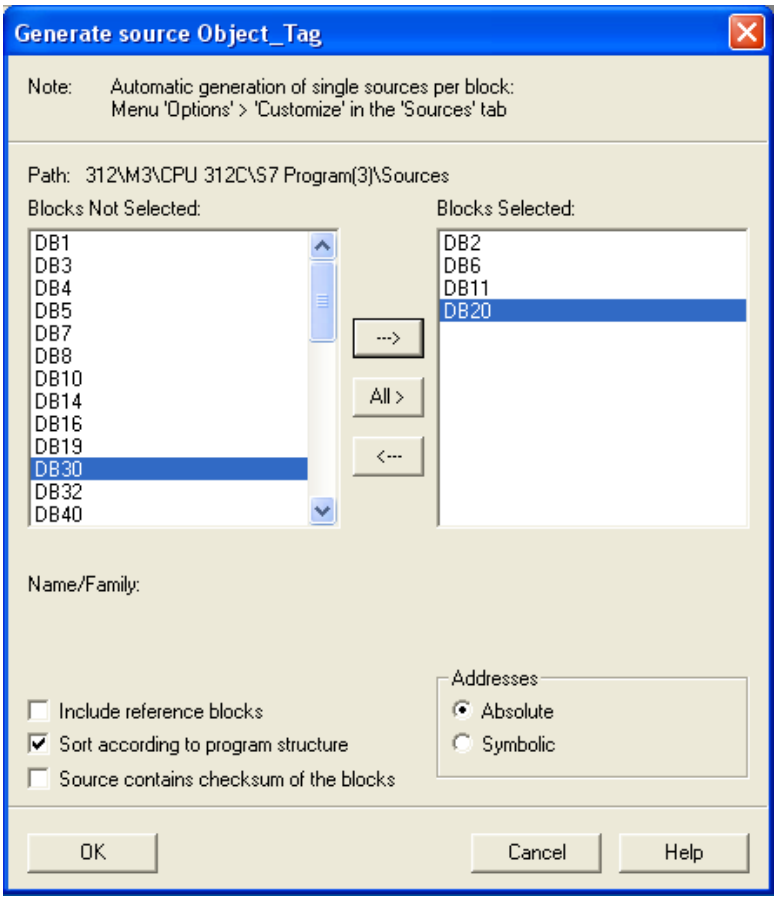
b、 开启 **LAD/STL,FBD – Programming S7 Blocks** 的程序后,点选 **File -> Generate Source**



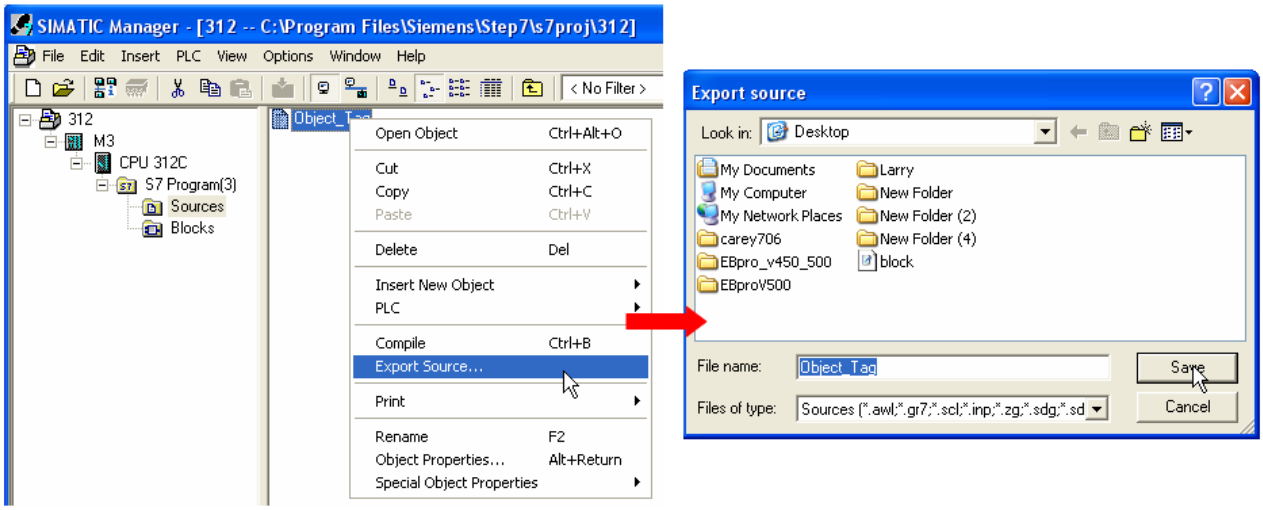
c、 选择 **Sources** 储存地址,并输入欲储存的文件名,按 **OK** 确认完成



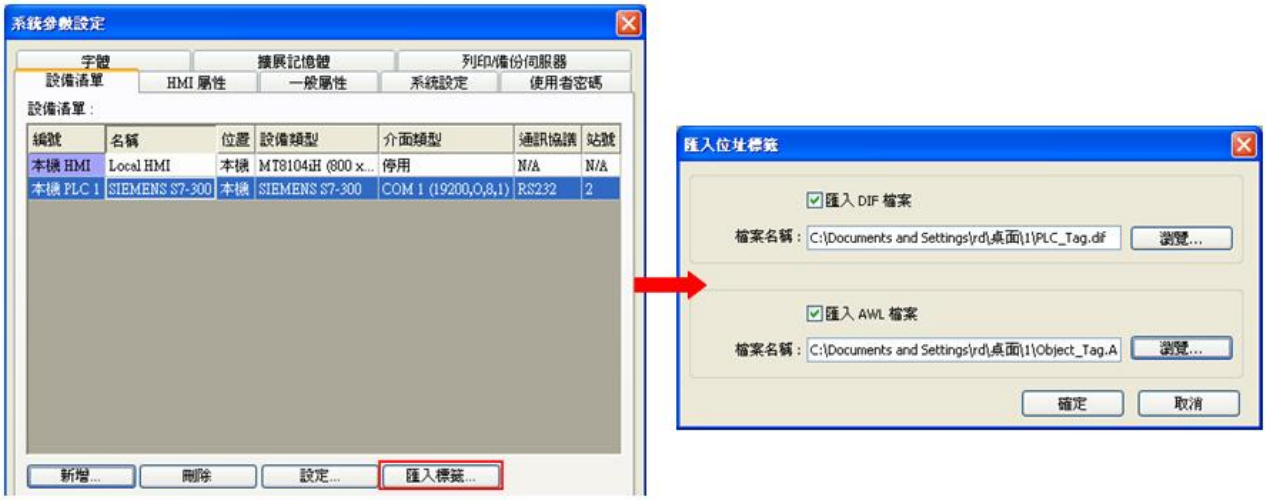
d、 选择欲导出的对象后,按 **OK** 确认



e、 此时 Sources 会出现方才储存的文件名,选择 **Export source**,即可成功的产生 AWL 档案



成功产生 dif 及 AWL 档案后,在 EasyBuilder8000/EasyBuilderPro 的**系统参数设定**里,即可进行**汇入标签**的步骤



成功汇入卷标会显示对话框如下

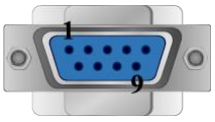
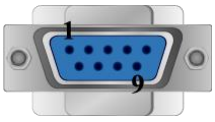
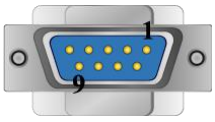


接线图:

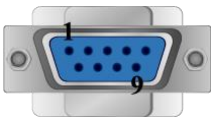
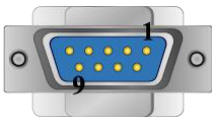
以下图表示从连接线的焊接端所视.

Siemens S7-300 PC Adapter : 9P D-Sub to 9P D-Sub:

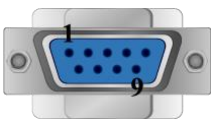
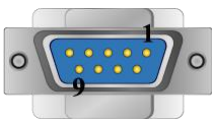
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male	
2 RX	8 RX		3 TXD	
3 TX	7 TX		2 RXD	
5 GND	5 GND		5 GND	
			7 RTS	circuit
			8 CTS	
				

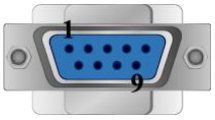
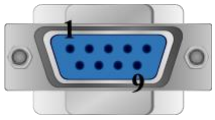
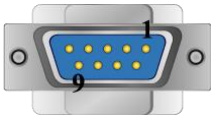
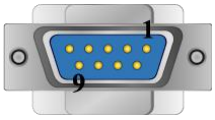
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

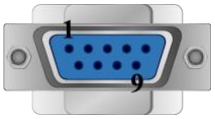
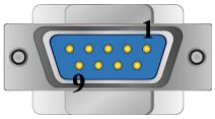
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male	
2 RX	6 RX	8 RX	3 TXD	
3 TX	4 TX	7 TX	2 RXD	
5 GND	5 GND	5 GND	5 GND	
			7 RTS	circuit
			8 CTS	
				

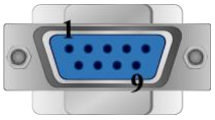
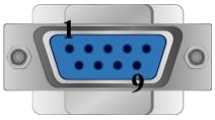
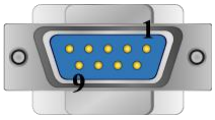
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
9 RX			3 TXD	
6 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

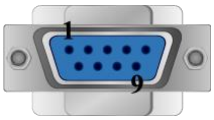
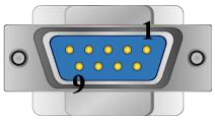
以下图表示从连接线的焊接端所视.

Systeme Helmholz SSW7-TS : 9P D-Sub to 9P D-Sub

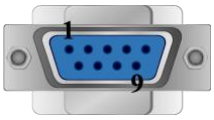
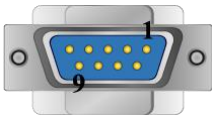
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male	
2 RX	8 RX		3 TXD	
3 TX	7 TX		2 RXD	
5 GND	5 GND		5 GND	
			7 RTS	circuit
			8 CTS	
			4 DTR	circuit
			6 DSR	
				

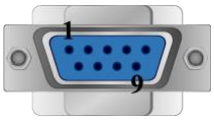
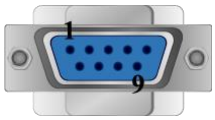
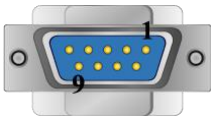
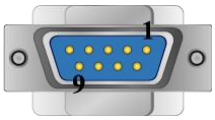
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
			4 DTR	circuit
			6 DSR	
				

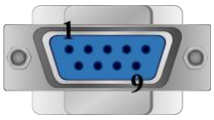
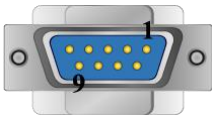
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
			4 DTR	circuit
			6 DSR	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male	
2 RX	6 RX	8 RX	3 TXD	
3 TX	4 TX	7 TX	2 RXD	
5 GND	5 GND	5 GND	5 GND	
			7 RTS	circuit
			8 CTS	
			4 DTR	circuit
			6 DSR	
				

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
9 RX			3 TXD	
6 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
			4 DTR	circuit
			6 DSR	
				

驱动版本:

版本	日期	叙述
V3.10	May/24/2011	新增 MB & DBBn 缓存器

VIPA 300S (Ethernet)

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	VIPA 300S (Ethernet)		
PLC 界面	Ethernet		
端口	102		
PLC 站号	0	0-31	
连结类型	PG	PC, OP	
机座	0	0-7	
CPU 插槽	3	2-31	

设备类型:

字符/位	设备类型	格式	范围	注释
B	I	DDDDo	0 ~ 40957	Input (I)
B	Q	DDDDo	0 ~ 40957	Output (O)
B	M	DDDDo	0 ~ 40957	Bit Memory
B	DBnBit	FFFFFDDDDo	0 ~ 6553599997	
B	DB0Bit-DB99Bit	DDDDDo	0 ~ 655327	Data Register Bit
W	IW	DDDD	0 ~ 4095	Input (I)
W	QW	DDDD	0 ~ 4095	Output (O)
W	MW	DDDD	0 ~ 4095	Bit Memory
DW	MD	DDDD	0 ~ 4094	
W	DBn	FFFFFDDDD	0 ~ 655359999	Data Register (需为偶数)
DW	DBDn	FFFFFDDDD	0 ~ 655359999	(需为 4 的倍数)
W	DBn_String	FFFFFDDDD	0 ~ 655359999	
DW	DBDn_String	FFFFFDDDD	0 ~ 655359999	
W	DB0 ~ DB99	DDDDD	0 ~ 65532	Data Register(需为偶数)
Byte	MB	DDDD	0 ~ 4095	Bit Memory Byte
Byte	DBBn	FFFFFDDDD	0 ~ 655359999	Data Register Byte

* Double word 和 Floating point 数值需使用 DBDn 设备类型.

接线图:

直连网络线 (跳接网络线):

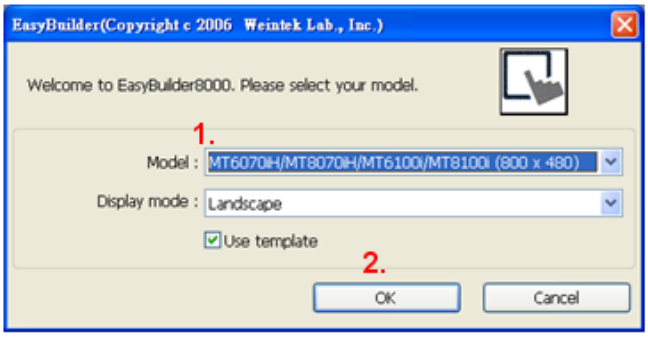
HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

透过集线器:

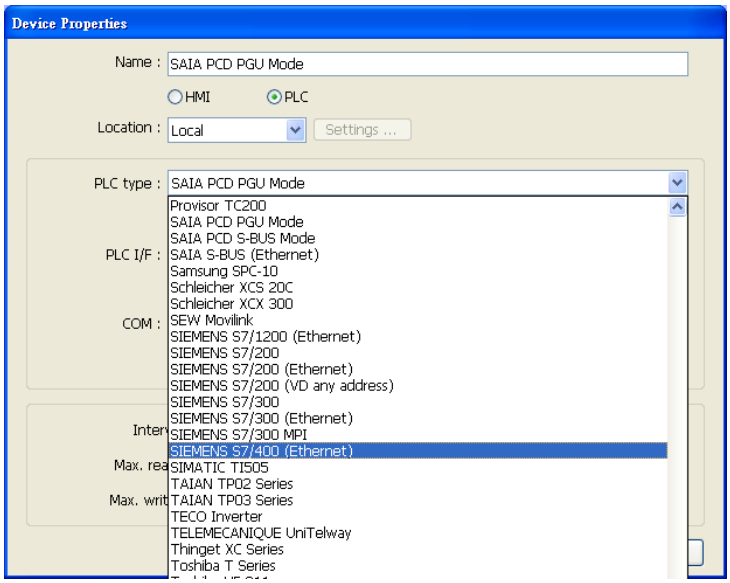
HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

EasyBuilder 设备设定步骤

1. 开启 EasyBuilder Pro，档案 -> 开新档案，选择 HMI 机型后，点选确定。



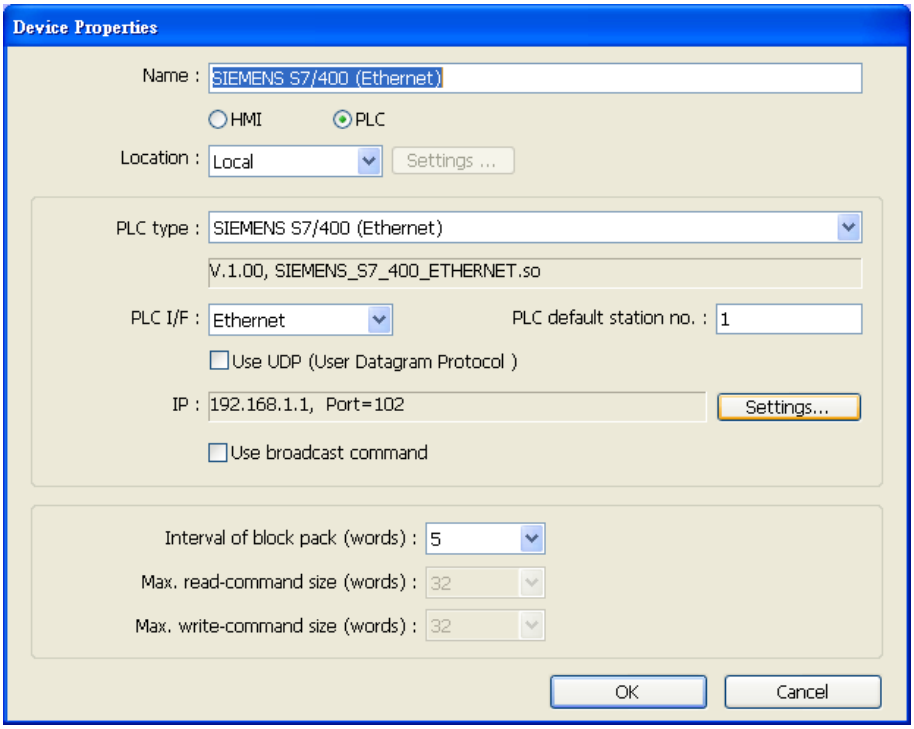
2. 开启系统参数设定，新增设备.
3. 选择 “SIEMENS S7-400 (Ethernet)”.



4. 点选 “设定” 按键.
5. 设定 S7-400 IP 地址，端口，连结类型，机座和 CPU 插槽. (需与 PLC 设定相同)



6. 设定画面最终如下图所示:

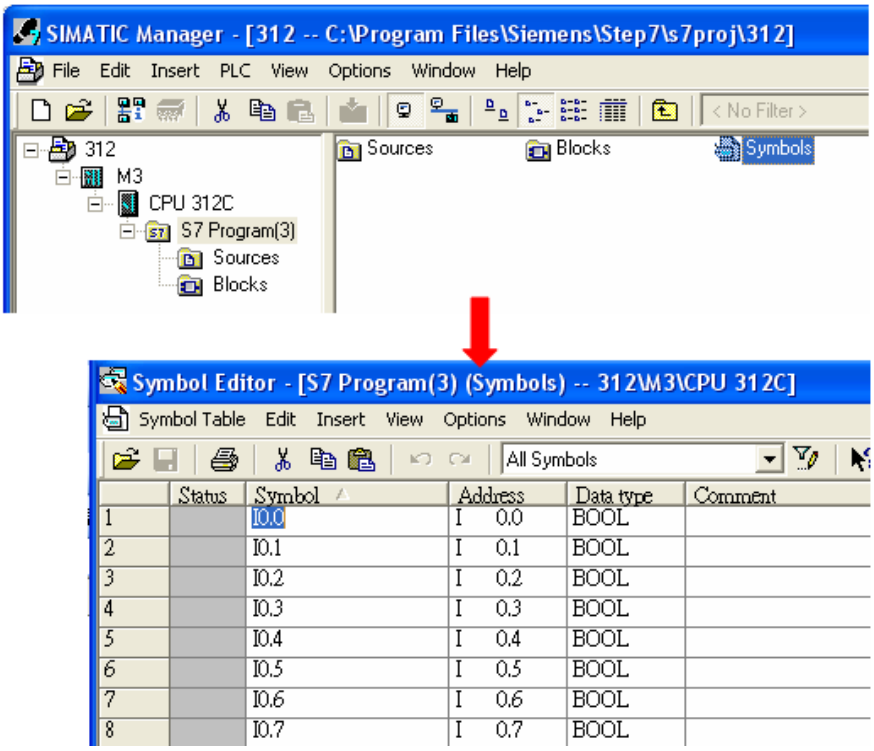


如何汇入标签:

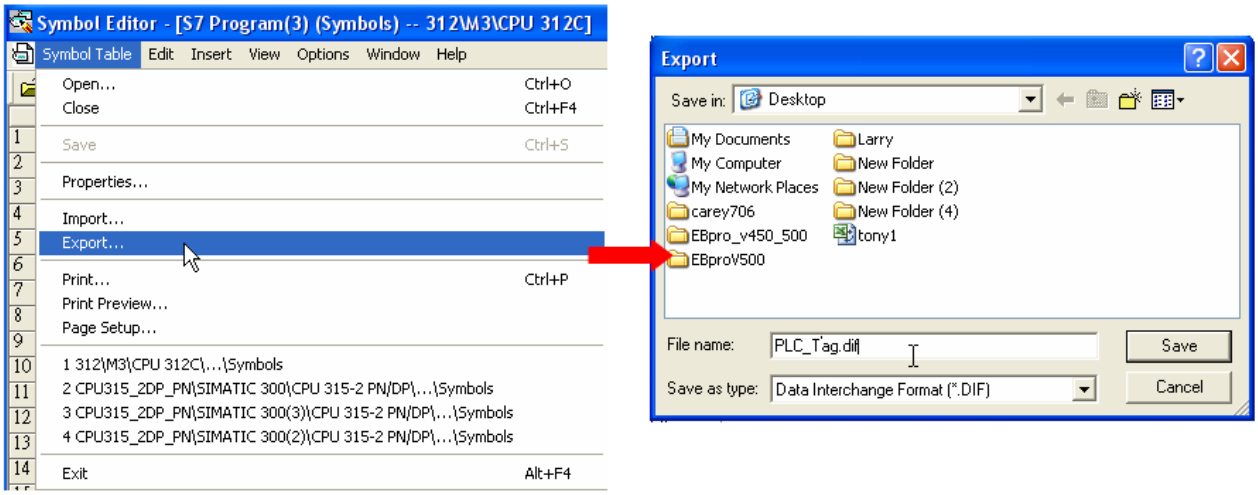
用户可以利用 SIEMENS 的 STEP 7 程序输出用户定义卷标档案(**.dif 檔**以及**.AWL 文件**),并在 EasyBuilder8000/EasyBuilderPro 的系统参数设定里汇入,以下将介绍如何产生及汇出这两种档案。

1. .dif 檔的建立

a、 在 Symbols 里将用户定义标签先建立完成

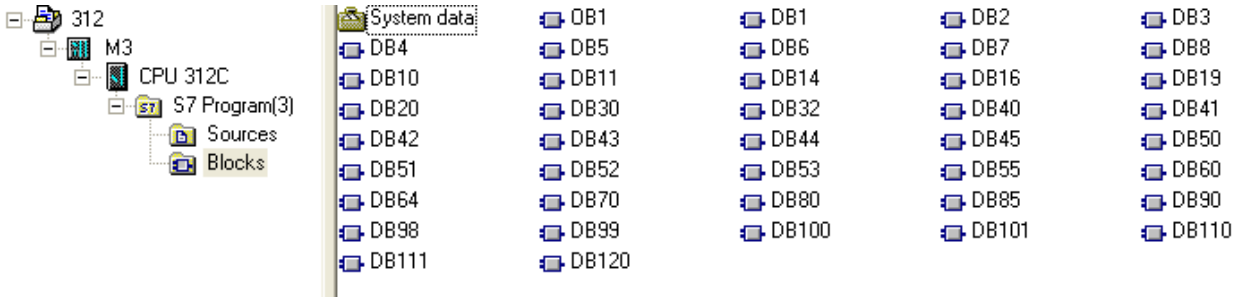


b、 接着按 **Export** 就能将编辑好的档案输出,按下 **Save** 储存完毕。

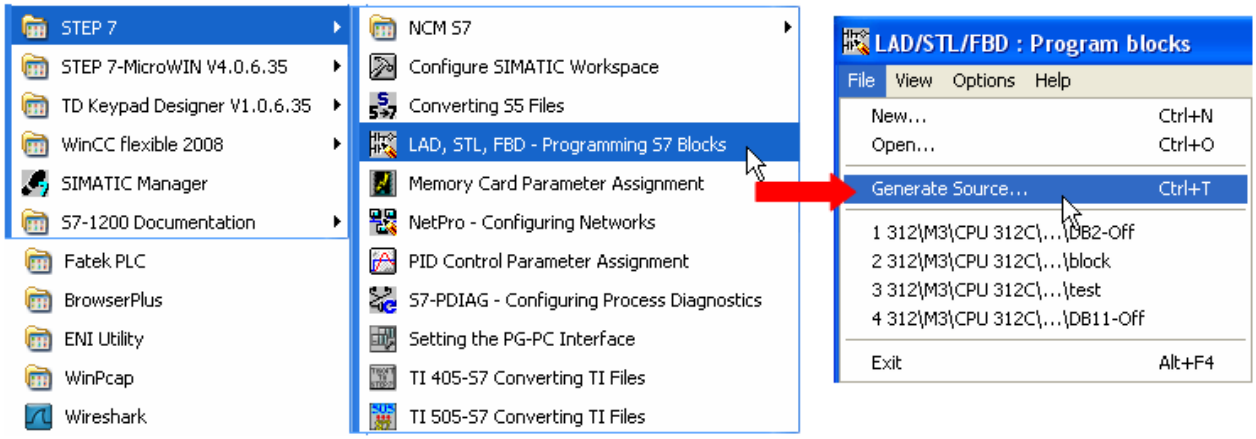


2. .AWF 檔的建立

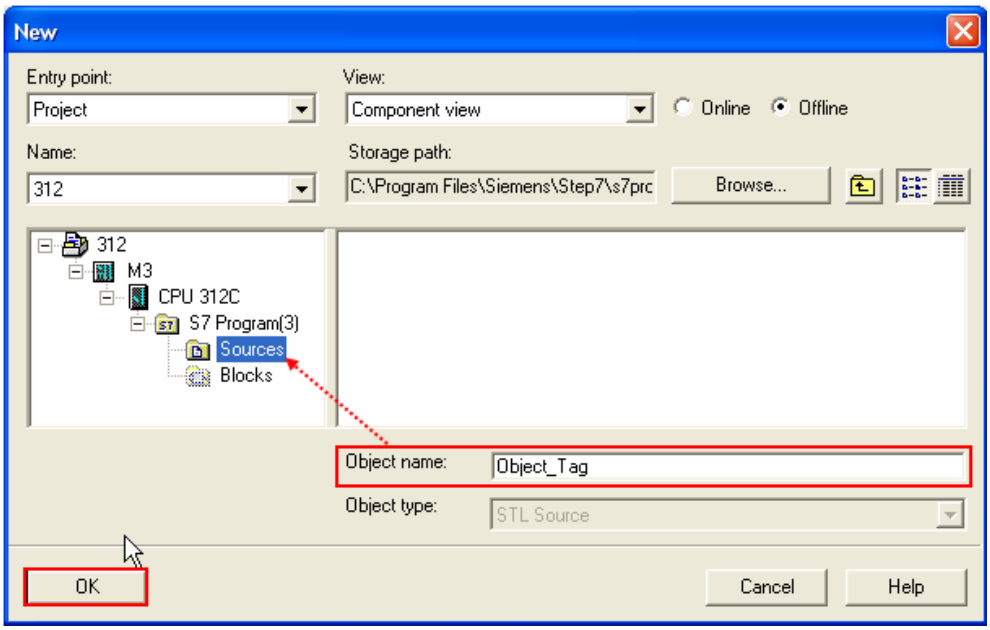
a、 用户可以在 **Blocks** 里建立对象如下图所示



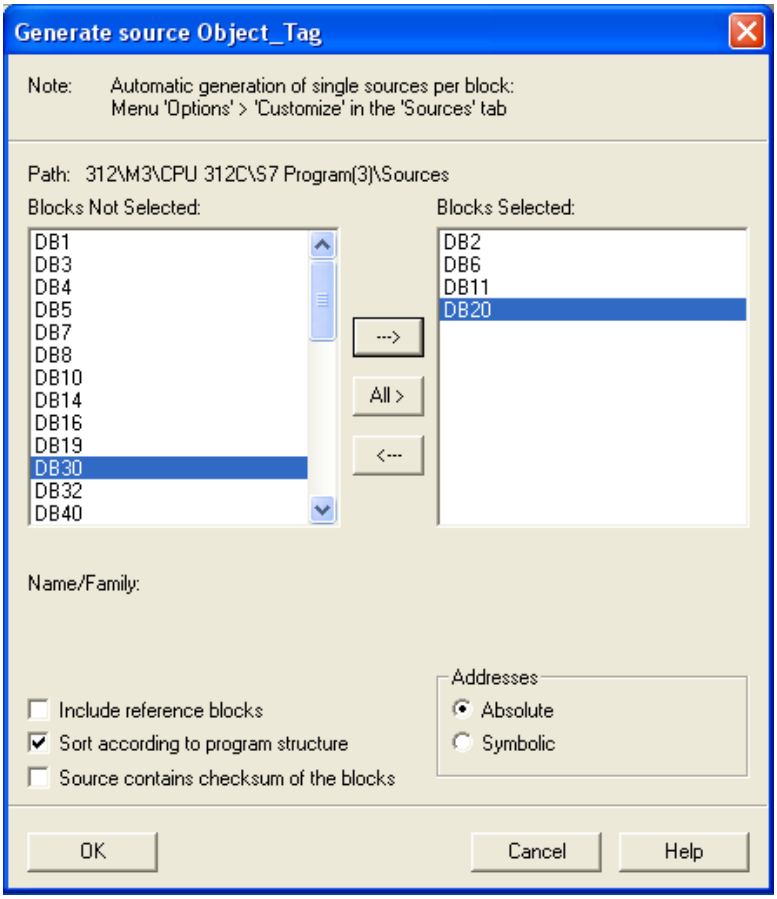
b、 开启 **LAD/STL,FBD – Programming S7 Blocks** 的程序后,点选 **File -> Generate Source**



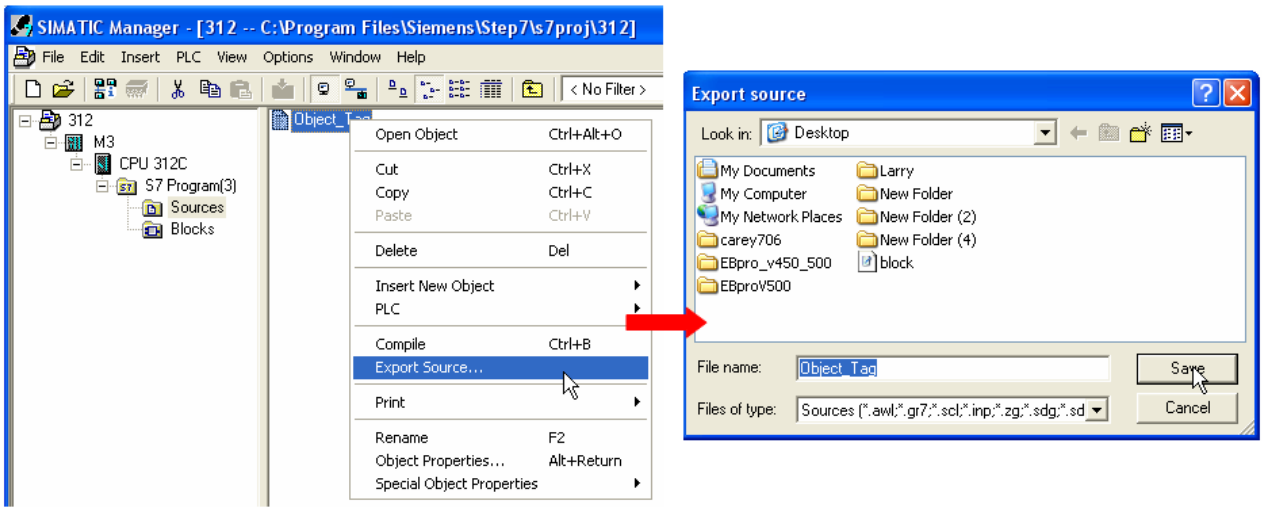
c、 选择 **Sources** 储存地址,并输入欲储存的文件名,按 **OK** 确认完成



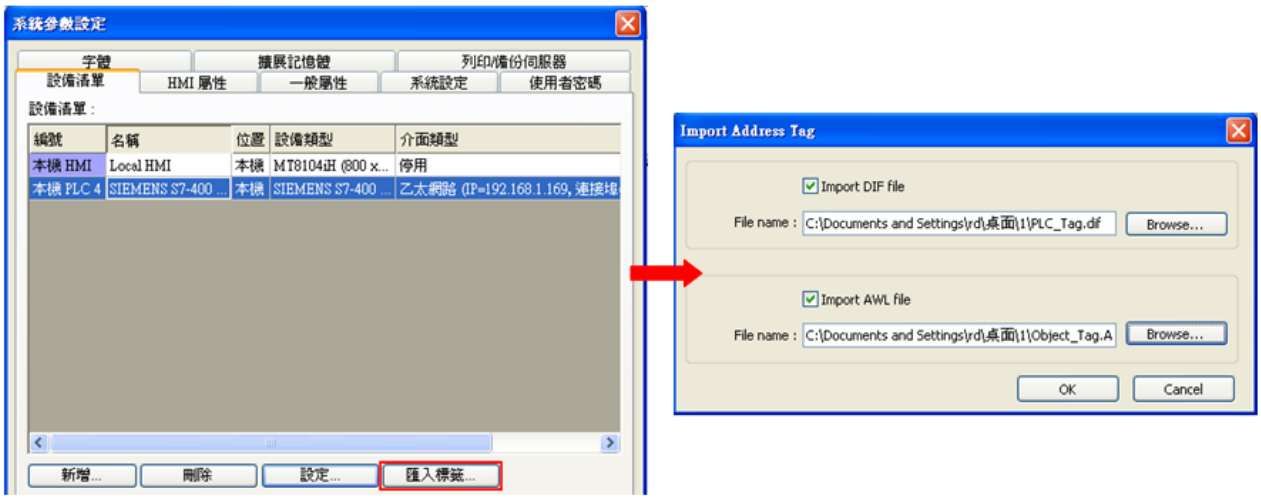
d、 选择欲导出的对象后,按 **OK** 确认



e、 此时 Sources 会出现方才储存的文件名,选择 **Export source**,即可成功的产生 AWL 档案



成功产生 dif 及 AWL 档案后,在 EasyBuilder8000/EasyBuilderPro 的**系统参数设定**里,即可进行**汇入标签**的步骤



成功汇入卷标会显示对话框如下



驱动版本:

版本	日期	叙述
V1.50	Aug/03/2012	DBn, DBDn 地址范围扩充至 655359999.

VIPA 300S, for ex. 315-4NE12 (Ethernet)

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	VIPA 300S, for ex. 315-4NE12 (Ethernet)		
PLC 界面	Ethernet		
端口	102		
PLC 站号	1	0-31	

设备类型:

字符/位	设备类型	格式	范围	注释
B	I	DDDDo	0 ~ 40957	Input (I)
B	Q	DDDDo	0 ~ 40957	Output (O)
B	M	DDDDo	0 ~ 40957	Bit Memory
B	DBnBit	FFFFDDDDo	0 ~ 409699997	
B	DB0Bit-DB99Bit	DDDDDo	0 ~ 655327	Data Register Bit
W	IW	DDDD	0 ~ 4095	Input (I)
W	QW	DDDD	0 ~ 4095	Output (O)
W	MW	DDDD	0 ~ 4095	Bit Memory
DW	MD	DDDD	0 ~ 4094	Bit Memory Double Word
W	DBn	FFFFDDDD	0 ~ 40969999	Data Register (需为偶数)
DW	DBDn	FFFFDDDD	0 ~ 40969999	(需为 4 的倍数)
W	DBn_String	FFFFDDDD	0 ~ 40969999	
DW	DBDn_String	FFFFDDDD	0 ~ 40969999	
W	DB0 ~ DB99	DDDDD	0 ~ 65532	Data Register (需为偶数)
Byte	MB	DDDD	0 ~ 4095	Bit Memory Byte
Byte	DBBn	FFFFDDDD	0 ~ 40969999	Data Register Byte

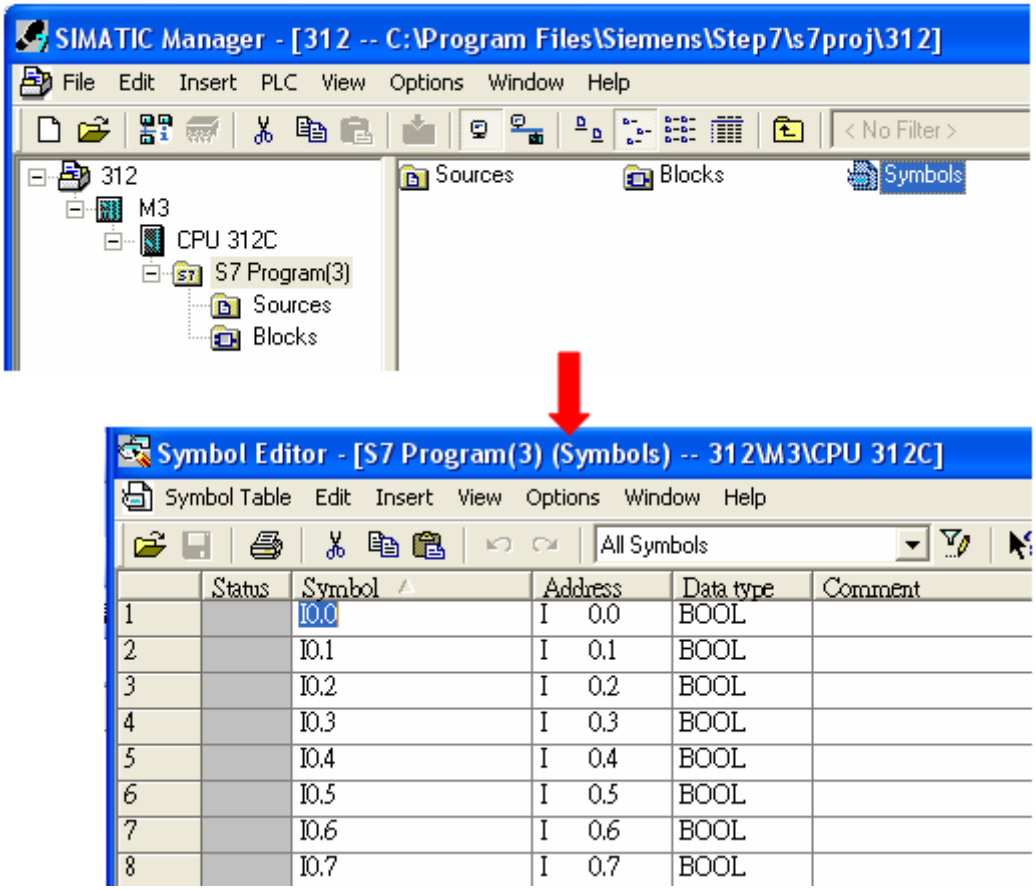
- Double word 和 Floating point 数值需使用 DBDn 设备类型.

如何汇入标签:

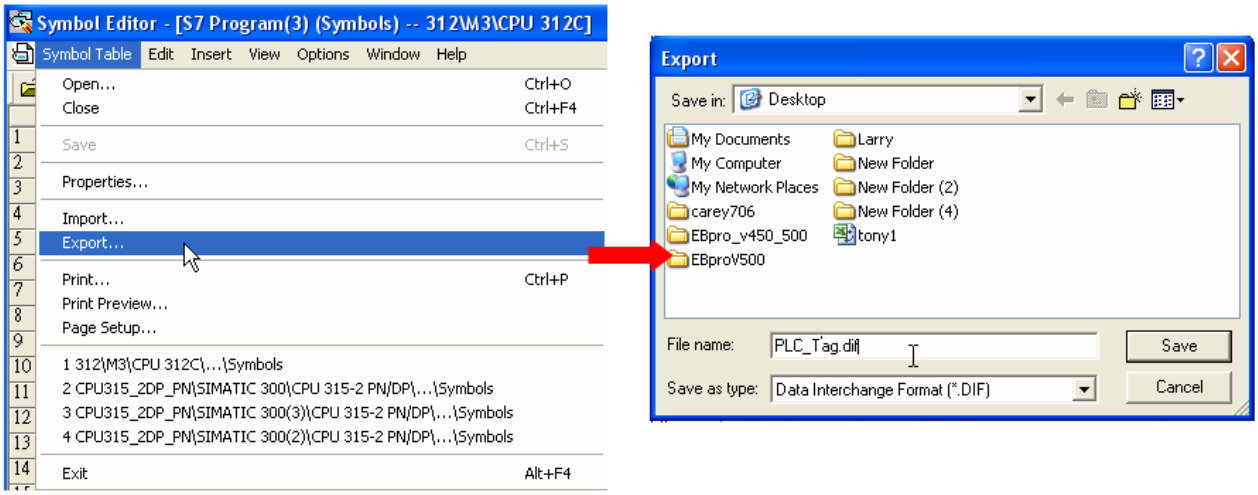
用户可以利用 SIEMENS 的 STEP 7 程序输出用户定义卷标档案(**.dif 檔**以及**.AWL 文件**),并在 EasyBuilder8000/EasyBuilderPro 的系统参数设定里汇入,以下将介绍如何产生及汇出这两种档案。

1. .dif 檔的建立

a、 在 Symbols 里将用户定义标签先建立完成

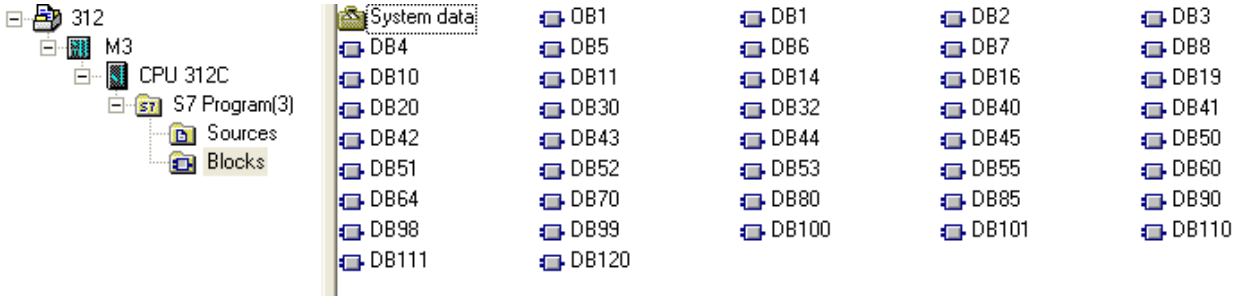


b、 接着按 **Export** 就能将编辑好的档案输出,按下 **Save** 储存完毕。

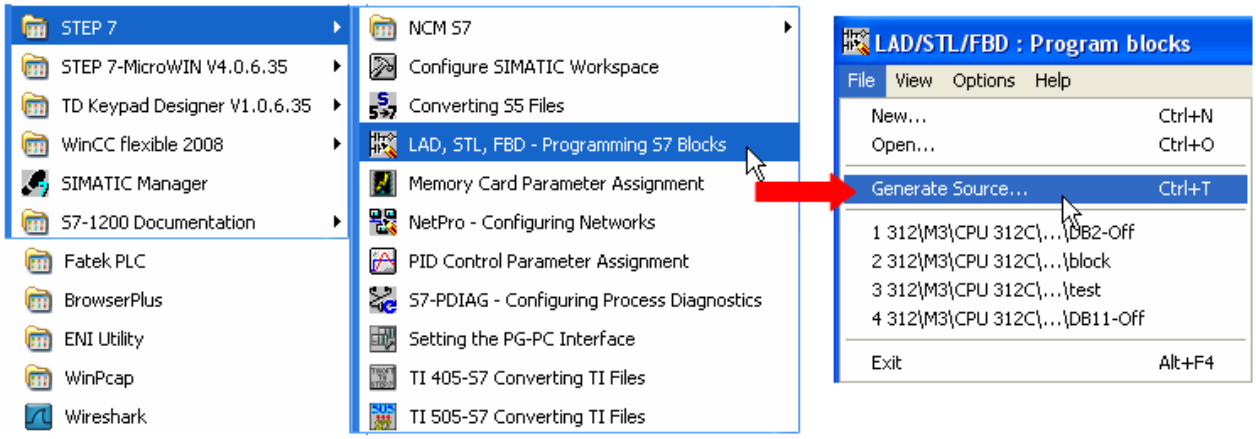


2. .AWF 檔的建立

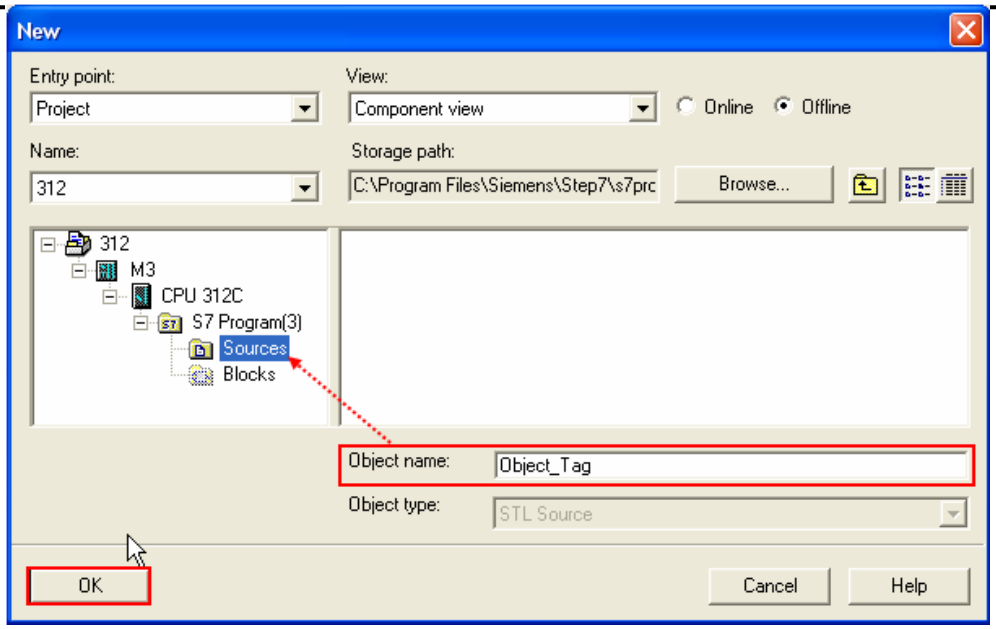
a、 用户可以在 **Blocks** 里建立对象如下图所示



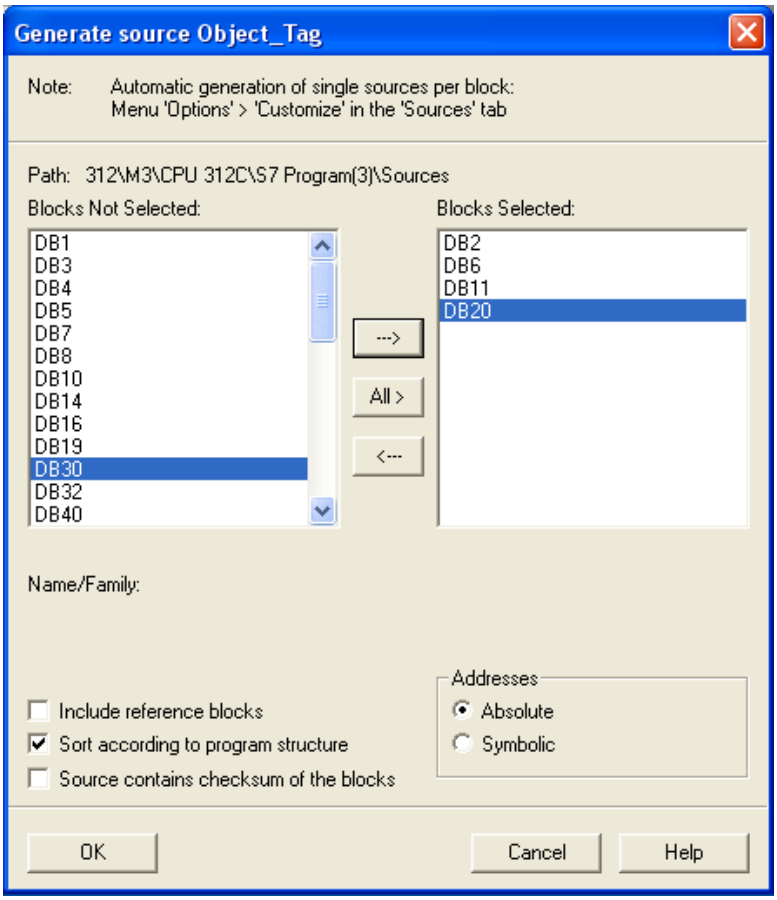
b、 开启 **LAD/STL,FBD – Programming S7 Blocks** 的程序后,点选 **File -> Generate Source**



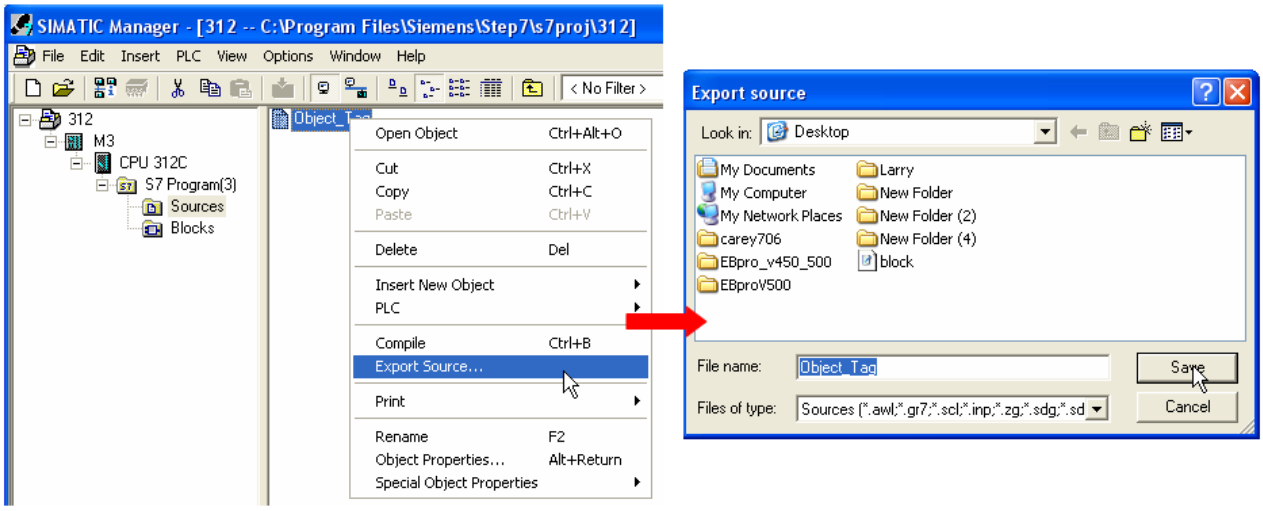
c、 选择 **Sources** 储存地址,并输入欲储存的文件名,按 **OK** 确认完成



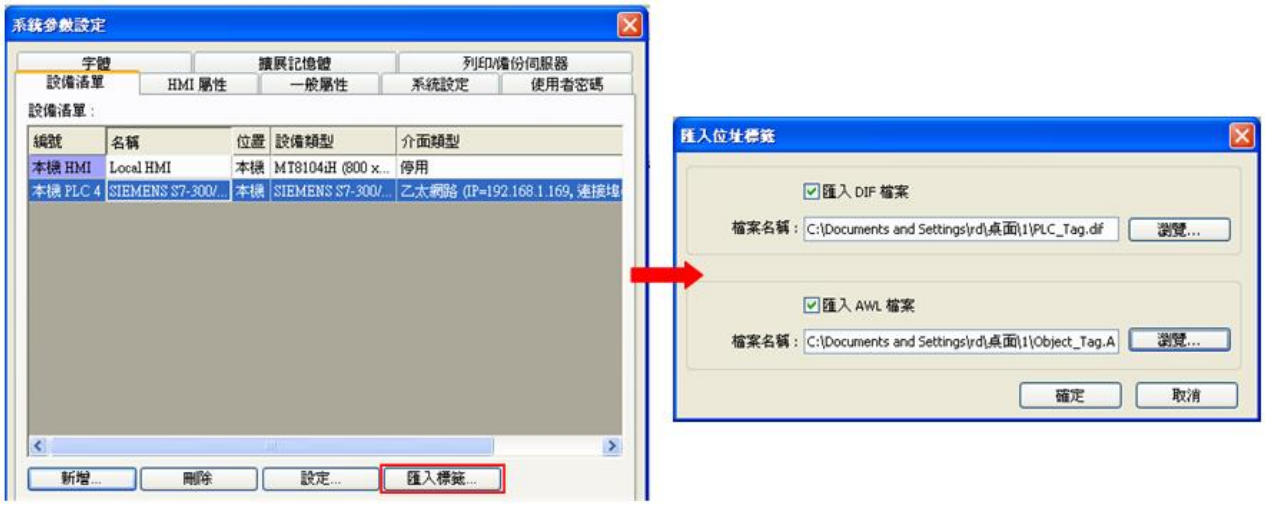
d、 选择欲导出的对象后,按 **OK** 确认



e、 此时 Sources 会出现方才储存的文件名,选择 **Export source**,即可成功的产生 AWL 档案



成功产生 dif 及 AWL 档案后,在 EasyBuilder8000/EasyBuilderPro 的**系统参数设定**里,即可进行**汇入标签**的步骤



成功汇入卷标会显示对话框如下



接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V2.10	May/21/2011	新增 MB & DBBn 缓存器

XINJE XC Series

支持系列: Xinje XC 系列

网站: http://www.xinje.com/0/index.html

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	XINJE XC Series		
PLC 界面	RS232	RS232	
传输速率	19200		
校验 bit	Even		
数据位	8		
停止位	1		
PLC 站号	1	0-255	

*于穿透模式下可同时支持 HMI 与 PLC 间的通讯

*于穿透模式下可设定 LW-9903 为 2 来增进上传/下载 PLC 程序的速度

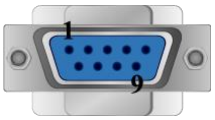
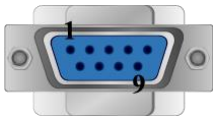
设备类型:

字符/位	设备类型	格式	范围	注释
B	M	DDDD	0 ~ 8511	
B	X	OOOO	0 ~ 1037	
B	Y	OOOO	0 ~ 1037	
B	S	DDDD	0 ~ 1023	
B	T	DDD	0 ~ 618	
B	C	DDD	0 ~ 634	
W	D	DDDD	0 ~ 8511	
W	TD	DDD	0 ~ 618	
W	CD	DDD	0 ~ 634	
W	FD_1	DDDD	0 ~ 5000	
W	FD_2	DDDD	8000 ~ 8511	

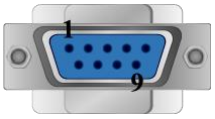
接线图:

以下图表示从连接线的焊接端所视.

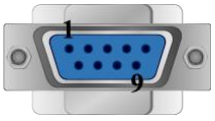
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 8P Mini-Din Female socket
2 RX	8 RX		5 TX
3 TX	7 TX		4 RX
5 GND	5 GND		8 GND
			

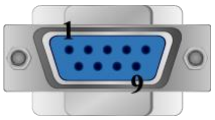
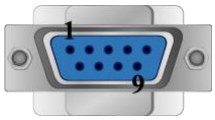
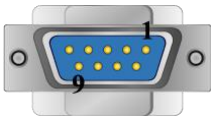
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 8P Mini-Din Female socket
2 RX			5 TX
3 TX			4 RX
5 GND			8 GND
			

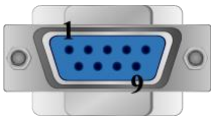
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 8P Mini-Din Female socket
2 RX			5 TX
3 TX			4 RX
5 GND			8 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 8P Mini-Din Female socket
2 RX	6 RX	8 RX	5 TX
3 TX	4 TX	7 TX	4 RX
5 GND	5 GND	5 GND	8 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 8P Mini-Din Female socket
9 RX			5 TX
6 TX			4 RX
5 GND			8 GND
			

驱动版本:

版本	日期	叙述
V1.00	Jul/02/2009	发布驱动程序.

YAMAHA ERCD

HMI 设定:

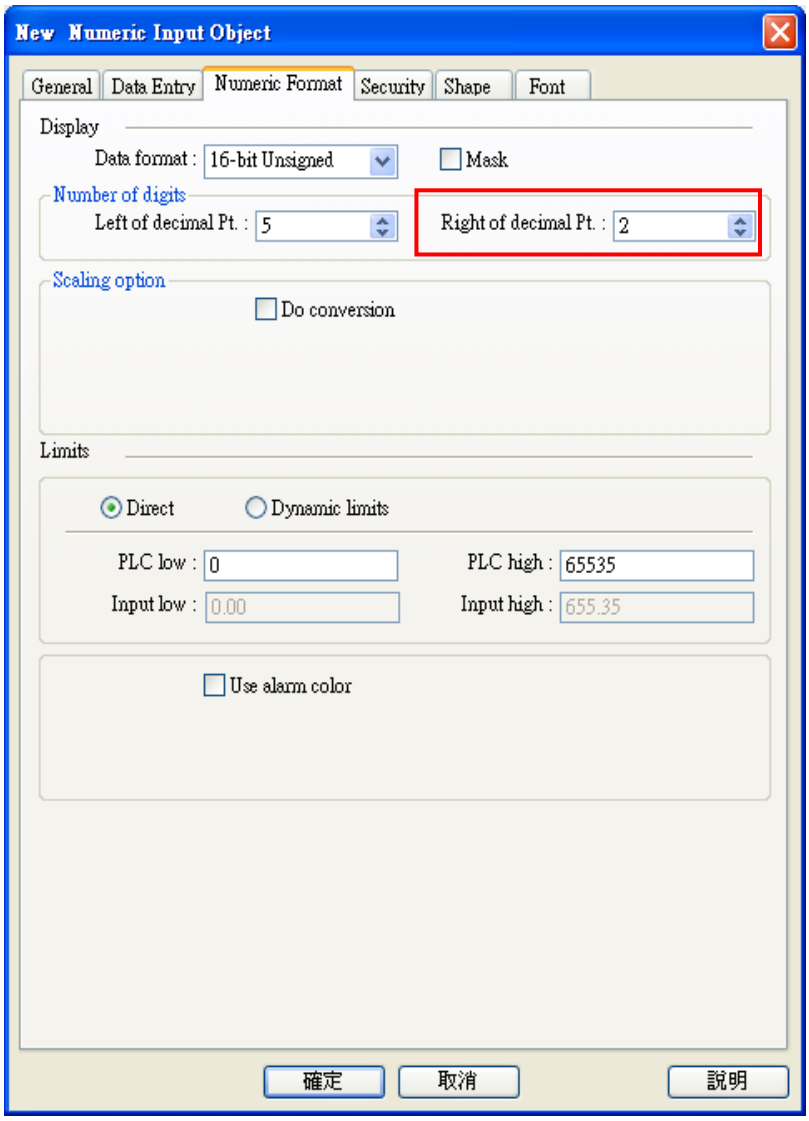
参数设定	推荐	选项	注释
PLC 类型	YAMAHA ERCD		
PLC 界面	RS232		
数据位	8	7 or 8	
停止位	1	1 or 2	
传输速率	9600	1200-19200	
校验	Odd	None/Even/Odd	
PLC 站号	0		

设备类型:

字符/位	设备类型	格式	范围	注释
Bit	DI	DD	0 ~ 15	序列输入点 (只读)
Bit	DO	D	0 ~ 7	序列输出点 (只读)
Bit	EMG	D	0	紧急停止状态 (只读)
Bit	SRVO	D	0	伺服状态 (读写)
Bit	ORG_Sensor	D	0	原始传感器状态 (只读)
Bit	RESET	D	0	设定为 on 重置程序 (唯写)
Bit	RUN	D	0	设定为 on 执行程序 (唯写))
Bit	X_ADD	D	0	设定为 on 移动机器人往 X 轴 JOG+方向移动(唯写)
Bit	X_SUB	D	0	设定为 on 移动机器人往 X 轴 JOG-方向移动(唯写)
Word	P	DDD	0 ~ 999	PNT point data (读写) *Note
Word	PRM	DD	0 ~ 99	参数 (读写)
Word	SWI	D	0	转换运行程序号码 RW0 = 程序号码 (唯写) 将要设定的参数值写入 RW，再对此缓存器输入任意数值。
Word	MOVD	D	0	直接移动到指定位置 RW1 = X 轴位置 (mm) , RW2 = 速度(唯写) 将要设定的参数值写入 RW，再对此缓存器输入任意数值。
Word	ORG	D	0	回到原点 (输入任意值) 回到复始状态 (读/写)

字符/位	设备类型	格式	范围	注释
Word	MODE	D	0	系统的动作模式
Word	POS	D	0	目前的位置 (只读)*Note
Word	NO	D	0	目前程序号码 (只读)
Word	SNO	D	0	目前执行步骤数 (只读)
Word	TNO	D	0	目前工作数 (只读)
Word	PNO	D	0	目前已选择的点数 (只读)

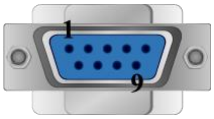
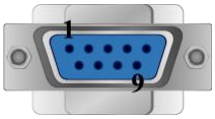
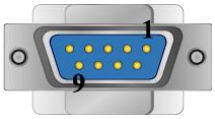
地址型态 P 和 POS 读取数值经过乘以 100 的处理，所以在 EasyBuilder 的对象设定中，必须设定小数点 2 位数，方可读取到正确的数值。



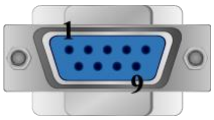
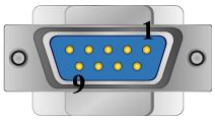
接线图:

以下图表示从连接线的焊接端所视.

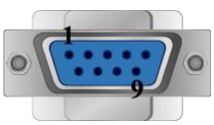
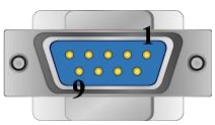
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male	
2 RX	8 RX		3 TX	
3 TX	7 TX		2 RX	
5 GND	5 GND		5 GND	
			7 RTS	circuit
			8 CTS	
				

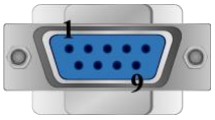
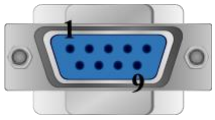
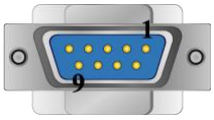
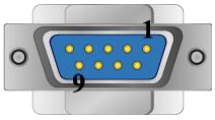
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TX	
3 TX			2 RX	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

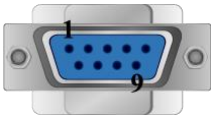
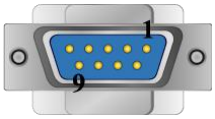
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TX	
3 TX			2 RX	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male	
2 RX	6 RX	8 RX	3 TX	
3 TX	4 TX	7 TX	2 RX	
5 GND	5 GND	5 GND	5 GND	
			7 RTS	circuit
			8 CTS	
				

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
9 RX			3 TX	
6 TX			2 RX	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

驱动版本:

版本	日期	叙述
V1.30	Jan/04/2010	
V1.40	Dec/13/2012	新增缓存器: DI、DO、EMG、SRVO、ORG_Sensor、P、PRM、MODE、POS、NO、SNO、TNO、PNO.

YASKAWA CCMEP

支持系列: YASKAWA CCMEP-100/ CCMEP-200
网站: http://www.yaskawa-control.co.jp/english/jigyo/mechotronics.html

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	YASKAWA CCMEP		
PLC 界面	RS485 4W		
传输速率	38400		
数据位	8		
校验	Even		
停止位	1		
PLC 站号	1		

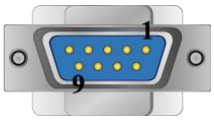
设备类型:

字符/位	设备类型	格式	范围	注释
B	4_Bit	DDDDDdd	100 ~ 6553515	
W	4	DDDDD	1 ~ 65535	

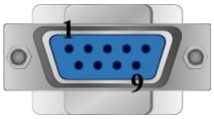
接线图:

以下图表示从连接线的焊接端所视.

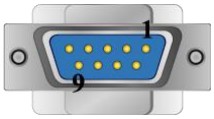
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 8P RJ45 Male
1 RX-			4 TX-
2 RX+			3 TX+
3 TX-			2 RX-
4 TX+			1 RX+
5 GND			8 GND
			

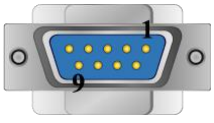
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			RS485 4W 8P RJ45 Male
7 RX-			4 TX-
6 RX+			3 TX+
9 TX-			2 RX-
8 TX+			1 RX+
5 GND			8 GND
			

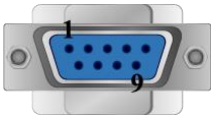
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			RS485 4W 8P RJ45 Male
1 RX-			4 TX-
2 RX+			3 TX+
3 TX-			2 RX-
4 TX+			1 RX+
5 GND			8 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS485 4W 8P RJ45 Male
1 RX-			4 TX-
2 RX+			3 TX+
3 TX-			2 RX-
4 TX+			1 RX+
5 GND			8 GND
			

MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			RS485 4W 8P RJ45 Male
1 RX-			4 TX-
2 RX+			3 TX+
3 TX-			2 RX-
4 TX+			1 RX+
5 GND			8 GND
			

驱动版本:

版本	日期	叙述
V1.00	Jun/14/2012	发布驱动程序

YASKAWA Memobus (MP Series Controllers)

支持系列: YASKAWA MP2200, MP2300, MP2300S, MP9xx communication module.
网站: http://www.yaskawa.com/

HMI 设定:

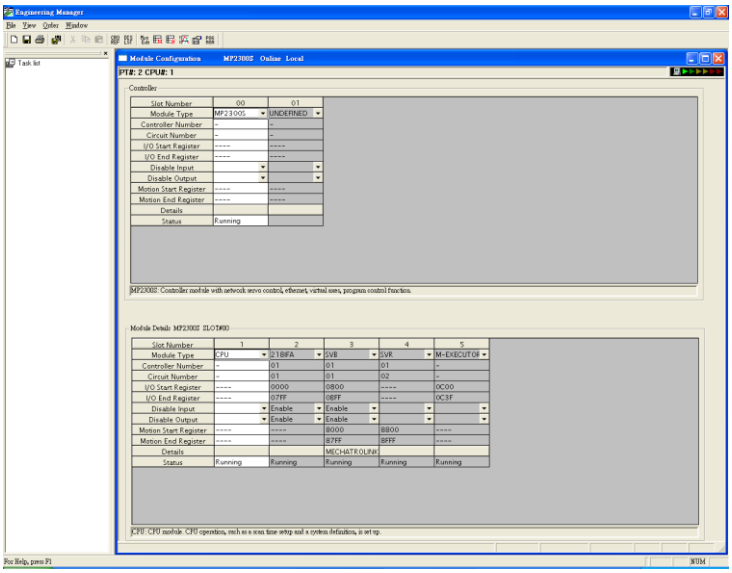
参数设定	推荐	选项	注释
PLC 类型	YASKAWA Memobus (MP Series Controllers)		
PLC 界面	RS485/以太网络	RS232/RS485 2w/4w, 以太网络	
传输速率	19200	9600~57600	
校验	Even		
数据位	8		
停止位	1		
PLC 站号	1	1-31	必须符合 PLC 埠的设定
端口	502	default	以太网络 模块 only

PLC 设定:

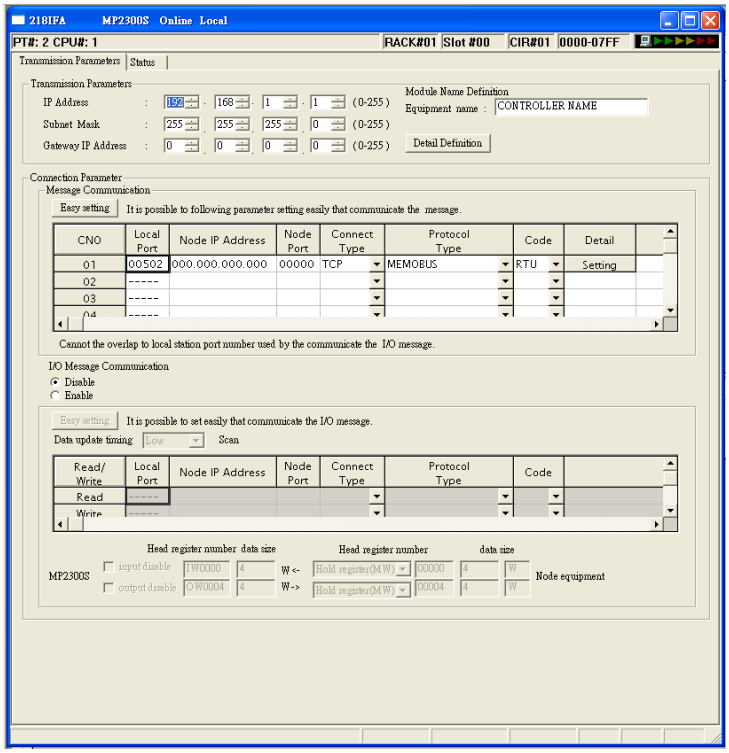
通讯模式	MEMOBUS, Slave, RTU

PLC 以太网络 设定:

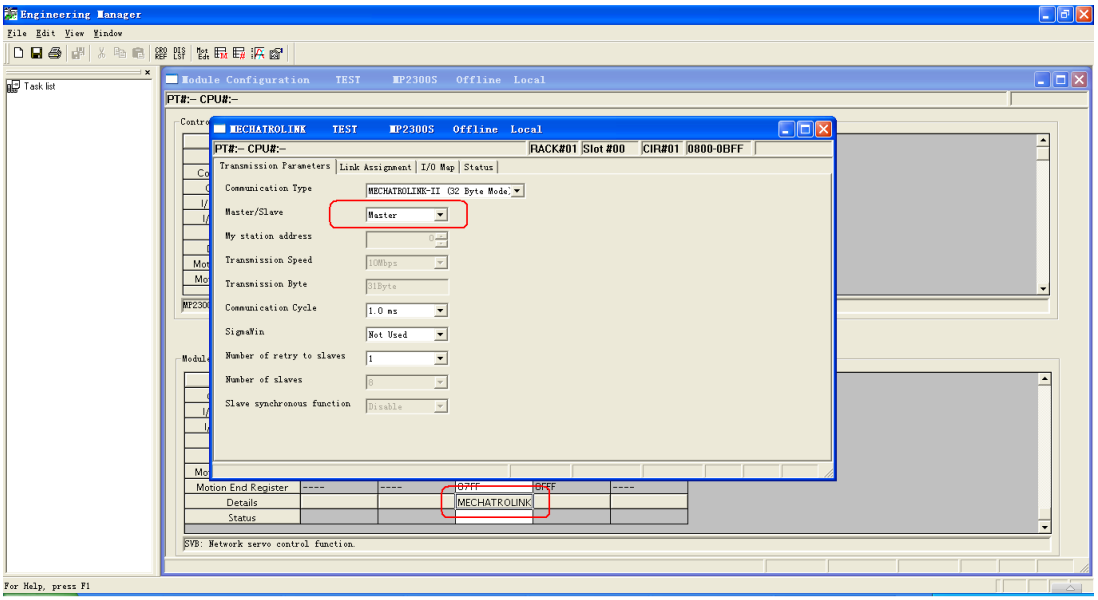
1. 利用 MPE720 软件程序，开启模块型态，双击 " 2181FA " 。



2. 在传输参数输入 MP2300S 的 IP 地址，子网掩码, Gateway IP.
   在连接参数 CNO -1 输入：Local Port=502, Node IP address=000.000.000.000, Node Port=00000, Connect 类型=TCP，协议类型= MEMOBUS, Code=RTU.



3. 点击 MECHATROLINK 将 MP2300S PLC 设定为 Master.



4. 关闭所有的对话框并储存至 MP2300S。

注意:

1. 只有 CNO 01 能够自动与一台 HMI 通讯，其他的 CNO 则需要有阶梯软件 (ladder program) 帮助通讯。
2. 在正常通讯状态下，MP2300S 的 DIP SW2-2 必须调至 OFF 位置，如果是在 ON 的位置，则 IP 地址在重新启动电源后就会被清除，也无法再与 HMI 进行通讯。

设备类型:

字符/位	设备类型	格式	范围	注释
B	MB_1	DDDDh	0 ~ 9999f	MB 0~9999
B	MB_2	DDDDDh	100000 ~ 65534f	MB 10000~65535
B	IB	HHHHH	0 ~ a7ff0	只读
B	IW_Bit	HHHHdd	0~ a7ff15	
W	IW	HHHH	0 ~ a7ff	只读
DW	IL	HHHH	0 ~ a7ff	只读
DW (F)	IF	HHHH	0 ~ a7ff	只读
W	MW	DDDDD	0 ~ 65534	保持缓存器
DW	ML	DDDDD	0 ~ 65533	双字符
DW (F)	MF	DDDDD	0 ~ 65533	浮点

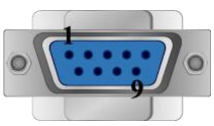
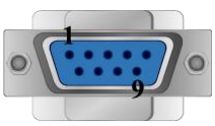
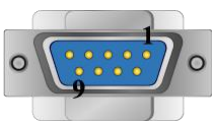
*: When connect via 以太网络 interface the max 范围 of IW, IL and IF would be restricted.

接线图:

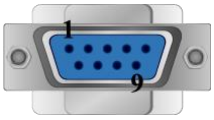
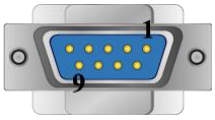
以下图表示从连接线的焊接端所视.

9P D-Sub to 9P D-Sub: 217IF-01, 218IF-01

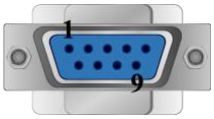
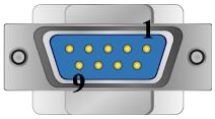
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male
2 RX	8 RX		2 TX
3 TX	7 TX		3 RX
5 GND	5 GND		7 GND
			

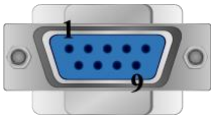
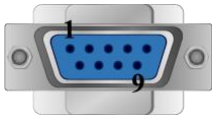
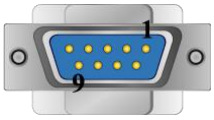
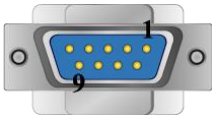
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
2 RX			2 TX
3 TX			3 RX
5 GND			7 GND
			

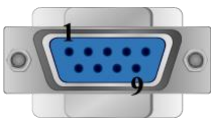
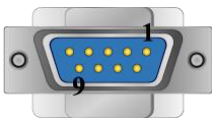
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
2 RX			2 TX
3 TX			3 RX
5 GND			7 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male
2 RX	6 RX	8 RX	2 TX
3 TX	4 TX	7 TX	3 RX
5 GND	5 GND	5 GND	7 GND
			

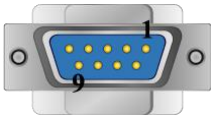
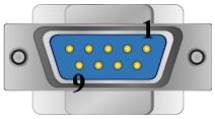
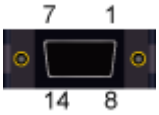
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
9 RX			2 TX
6 TX			3 RX
5 GND			7 GND
			

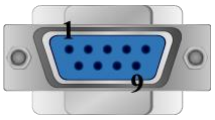
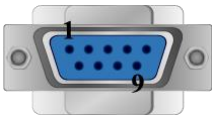
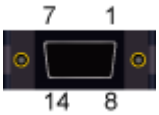
以下图表示从连接线的焊接端所视.

217IF-01 RS485 2W:

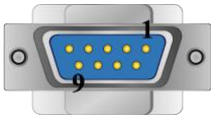
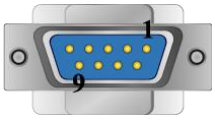
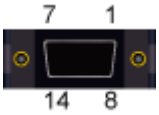
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		217IF-01 RS485 14P Connector
1 RX-	6 Data-		2, 4 D-
2 RX+	9 Data+		1, 3 D+
5 GND	5 GND		14 GND
			

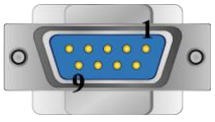
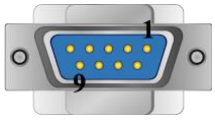
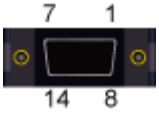
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		217IF-01 RS485 14P Connector
7 RX-	4 Data-		2, 4 D-
6 RX+	1 Data+		1, 3 D+
5 GND	5 GND		14 GND
			

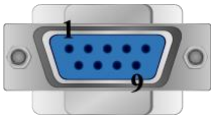
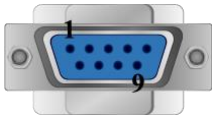
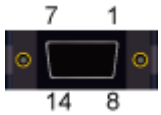
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		217IF-01 RS485 14P Connector
1 RX-	7 Data-		2, 4 D-
2 RX+	8 Data+		1, 3 D+
5 GND	9 GND		14 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		217IF-01 RS485 14P Connector
1 RX-	6 Data-		2, 4 D-
2 RX+	9 Data+		1, 3 D+
5 GND	5 GND		14 GND
			

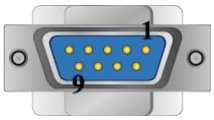
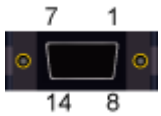
MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		217IF-01 RS485 14P Connector
1 RX-	7 Data-		2, 4 D-
2 RX+	8 Data+		1, 3 D+
5 GND	5 GND		14 GND
			

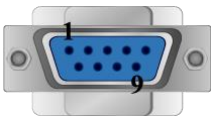
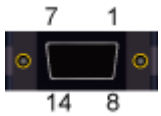
以下图表示从连接线的焊接端所视.

217IF-01 RS4854W:

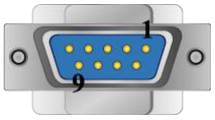
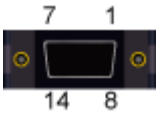
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			217IF-01 RS422 14P Connector
1 RX-			2 TX-
2 RX+			1 TX+
3 TX-			4 RX-
4 TX+			3 RX+
5 GND			14 GND
			

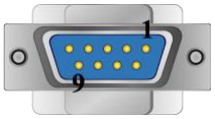
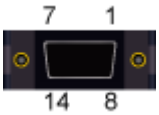
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			217IF-01 RS422 14P Connector
7 RX-			2 TX-
6 RX+			1 TX+
9 TX-			4 RX-
8 TX+			3 RX+
5 GND			14 GND
			

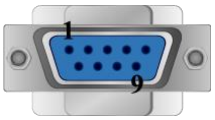
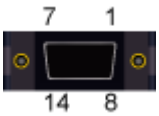
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			217IF-01 RS422 14P Connector
1 RX-			2 TX-
2 RX+			1 TX+
3 TX-			4 RX-
4 TX+			3 RX+
5 GND			14 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			217IF-01 RS422 14P Connector
1 RX-			2 TX-
2 RX+			1 TX+
3 TX-			4 RX-
4 TX+			3 RX+
5 GND			14 GND
			

MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			217IF-01 RS422 14P Connector
1 RX-			2 TX-
2 RX+			1 TX+
3 TX-			4 RX-
4 TX+			3 RX+
5 GND			14 GND
			

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.70	Dec/20/2010	

YASKAWA MP Series Ethernet (Extension)

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	YASKAWA MP Series Ethernet (Extension)		
PLC 界面	Ethernet (UDP)		
PLC 站号	1		
端口	10000		

PLC 设定:

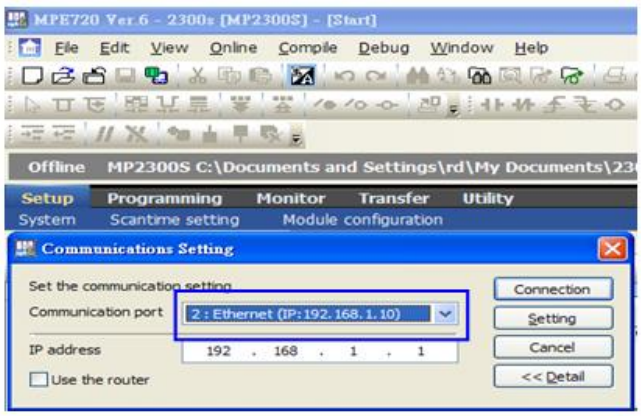
Yaskawa PLC 通讯参数设定

(1) PLC 原厂通讯参数设定:

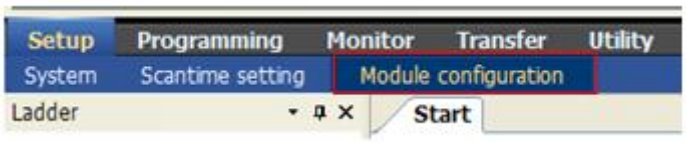
项目	设定
IP Address	192.168.1.1
Subnet Mask	255.255.255.0
Gateway IP Address	0.0.0.0
System port	10000 (UDP)
TCP Zero Window Timer Value	3 (秒)
TCP Retry Time	500 (毫秒)
TCP Close Time	60 (秒)
IP Assemble Time	30 (秒)
Max. Packet Length	1500 (bytes)

(2) 设定步骤:

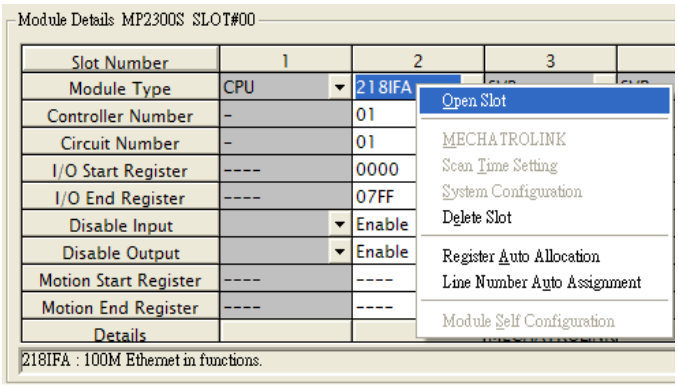
1. 设定 PLC IP.



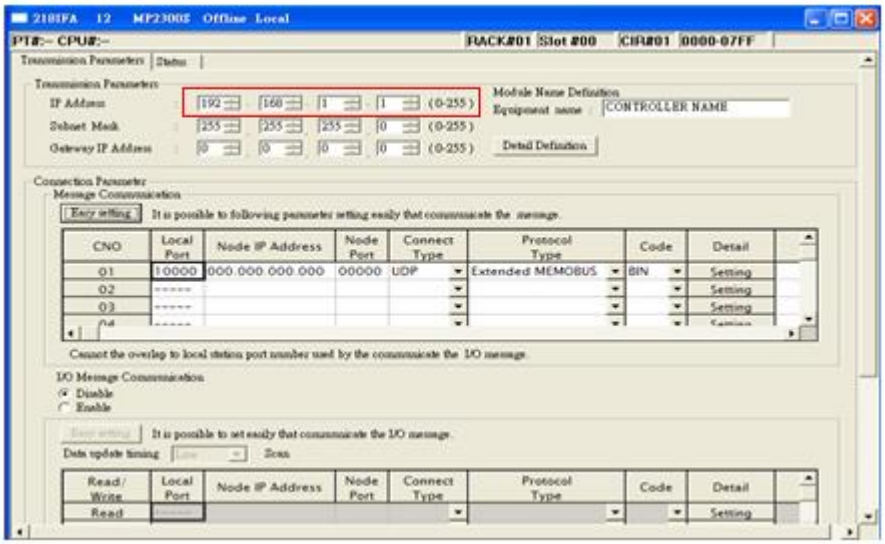
2. 通讯参数设定.



3. 进入 Module Details 后选择 218IFA 设定相关参数设定.



4. 设定显示如下, PLC IP 不能重复.

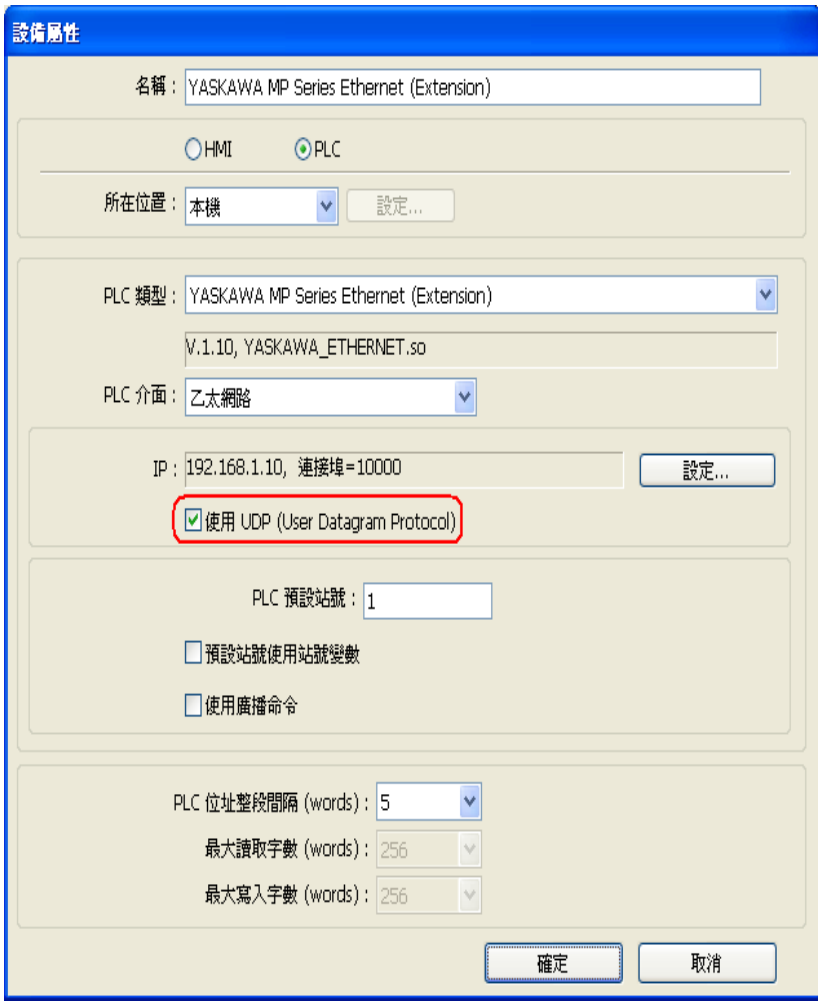


5. 下载 PLC 通讯参数设定至 PLC，并重启控制器.



(3) HMI 设定:

1. 选择 Ethernet PLC 接口.
2. 勾选 使用 UDP.
3. 设定 PLC IP 和端口，预设埠号为 10000.



设备类型:

字符/位	设备类型	格式	范围	注释
B	SB	DDDDh	0 ~ 8191f	
B	IB	HHHHh	0 ~ fffff	
B	OB	HHHHh	0 ~ fffff	
B	MB	DDDDDh	0 ~ 65534f	
W	SW	DDDD	0 ~ 8191	
W	IW	HHHH	0 ~ ffff	
W	OW	HHHH	0 ~ ffff	
W	MW	DDDDD	0 ~ 65534	
DW	ML	DDDDD	0 ~ 65534	

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

驱动版本:

版本	日期	叙述
V1.10	Jul/21/2011	发布驱动程序
V1.30	Apr/17/2013	修正 WORD 型态数据传输错误

YASKAWA MP Series Memobus (Ethernet)

支持系列: YASKAWA MP2200, MP2300, MP2300S, MP9xx搭配218IF-02网络通讯模块.
网站: http://www.yaskawa.com/

HMI 设定:

参数设定	推荐	选项	注释
设备 类型	YASKAWA MP Series Memobus (Ethernet)		
PLC 界面	Ethernet		
端口	502		

PLC 设定:

如何将多台人机连接一台 Yaskawa Ethernet 装置?
http://www.weintek.com/Download/MT8000/tw/faq/FAQ_61_how_to_connect_Yaskawa_Ethernet.pdf

设备类型:

字符/位	设备类型	格式	范围	注释
B	MB	DDDDDh	0 ~ 65534F	
B	IB	HHHHH	0 ~ A7FFF	只读
B	IW_Bit	HHHHdd	0 ~ A7FF15	只读
W	IW	HHHH	0 ~ A7FF	只读
DW	IL	HHHH	0 ~ A7FF	只读
DW	IF	HHHH	0 ~ A7FF	浮点数,只读
W	MW	DDDDD	0 ~ 65534	
DW	ML	DDDDD	0 ~ 65533	
DW	MF	DDDDD	0 ~ 65533	浮点数

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-



驱动版本:

版本	日期	叙述
V1.00	Mar/19/2013	发布驱动程序

YASKAWA MP Series SIO (Extension)

支持系列: YASKAWA MP2200, MP2300, MP2300S, MP9xx communication module.
网站: http://www.yaskawa.com/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	YASKAWA MP Series SIO (Extension)		
PLC 界面	RS485 4W	RS232/RS485 2w/4w	
传输速率	19200	9600~57600	
校验	Even		
数据位	8		
停止位	1		
PLC 站号	1	1-31	

设备类型:

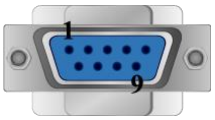
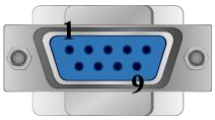
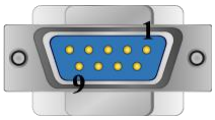
字符/位	设备类型	格式	范围	注释
B	SB	DDDDh	0 ~ 8191F	
B	IB	HHHHh	0 ~ FFFFF	
B	OB	HHHHh	0 ~ FFFFF	
B	MB	DDDDDh	0 ~ 65534F	
W	SW	DDDD	0 ~ 8191	
W	IW	HHHH	0 ~ FFFF	
W	OW	HHHH	0 ~ FFFF	
W	MW	DDDDD	0 ~ 65534	

接线图:

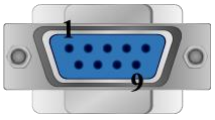
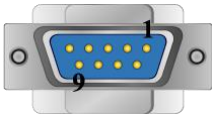
以下图表示从连接线的焊接端所视.

9P D-Sub to 9P D-Sub: 217IF-01, 218IF-01

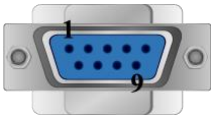
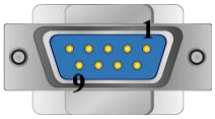
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male
2 RX	8 RX		2 TX
3 TX	7 TX		3 RX
5 GND	5 GND		7 GND
			

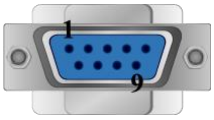
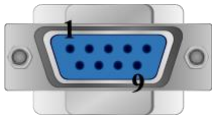
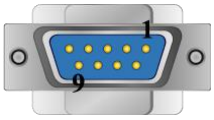
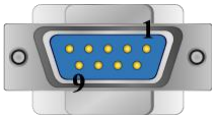
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
2 RX			2 TX
3 TX			3 RX
5 GND			7 GND
			

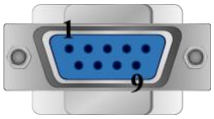
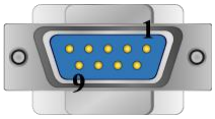
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
2 RX			2 TX
3 TX			3 RX
5 GND			7 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male
2 RX	6 RX	8 RX	2 TX
3 TX	4 TX	7 TX	3 RX
5 GND	5 GND	5 GND	7 GND
			

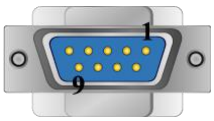
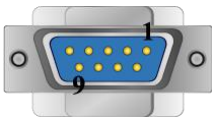
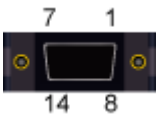
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
9 RX			2 TX
6 TX			3 RX
5 GND			7 GND
			

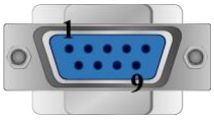
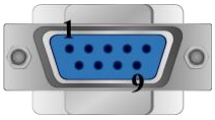
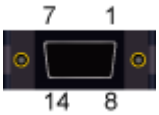
以下图表示从连接线的焊接端所视.

217IF-01 RS485 2W:

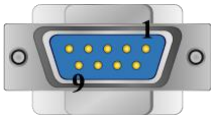
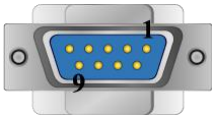
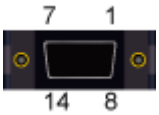
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		217IF-01 RS485 14P Connector
1 RX-	6 Data-		2, 4 D-
2 RX+	9 Data+		1, 3 D+
5 GND	5 GND		14 GND
			

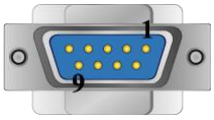
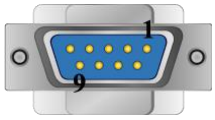
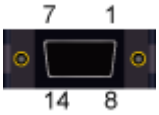
cMT-SVR/cMT-HD series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		217IF-01 RS485 14P Connector
7 RX-	4 Data-		2, 4 D-
6 RX+	1 Data+		1, 3 D+
5 GND	5 GND		14 GND
			

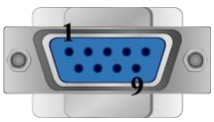
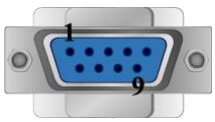
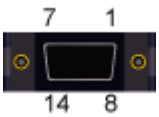
MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		217IF-01 RS485 14P Connector
1 RX-	7 Data-		2, 4 D-
2 RX+	8 Data+		1, 3 D+
5 GND	9 GND		14 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		217IF-01 RS485 14P Connector
1 RX-	6 Data-		2, 4 D-
2 RX+	9 Data+		1, 3 D+
5 GND	5 GND		14 GND
			

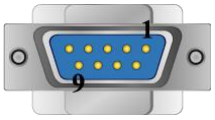
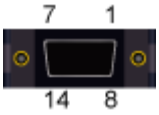
MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		217IF-01 RS485 14P Connector
1 RX-	7 Data-		2, 4 D-
2 RX+	8 Data+		1, 3 D+
5 GND	5 GND		14 GND
			

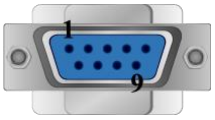
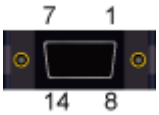
以下图表示从连接线的焊接端所视.

217IF-01 RS4854W:

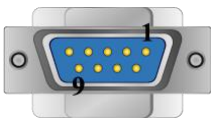
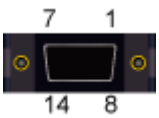
eMT3000 series

COM1 RS485 4W 9P D-Sub Male			217IF-01 RS422 14P Connector
1 RX-			2 TX-
2 RX+			1 TX+
3 TX-			4 RX-
4 TX+			3 RX+
5 GND			14 GND
			

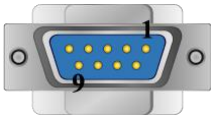
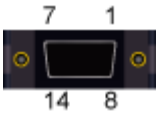
cMT-SVR/cMT-HD series

COM2 RS485 4W 9P D-Sub Female			217IF-01 RS422 14P Connector
7 RX-			2 TX-
6 RX+			1 TX+
9 TX-			4 RX-
8 TX+			3 RX+
5 GND			14 GND
			

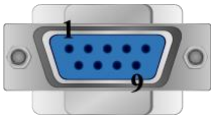
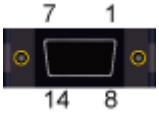
MT8000iE series

COM1 RS485 4W 9P D-Sub Male			217IF-01 RS422 14P Connector
1 RX-			2 TX-
2 RX+			1 TX+
3 TX-			4 RX-
4 TX+			3 RX+
5 GND			14 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			217IF-01 RS422 14P Connector
1 RX-			2 TX-
2 RX+			1 TX+
3 TX-			4 RX-
4 TX+			3 RX+
5 GND			14 GND
			

MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			217IF-01 RS422 14P Connector
1 RX-			2 TX-
2 RX+			1 TX+
3 TX-			4 RX-
4 TX+			3 RX+
5 GND			14 GND
			

驱动版本:

版本	日期	叙述
V1.70	Dec/20/2010	

YASKAWA MP2300Siec

网站: http://www.yaskawa.com/site/home.nsf/home/home.html

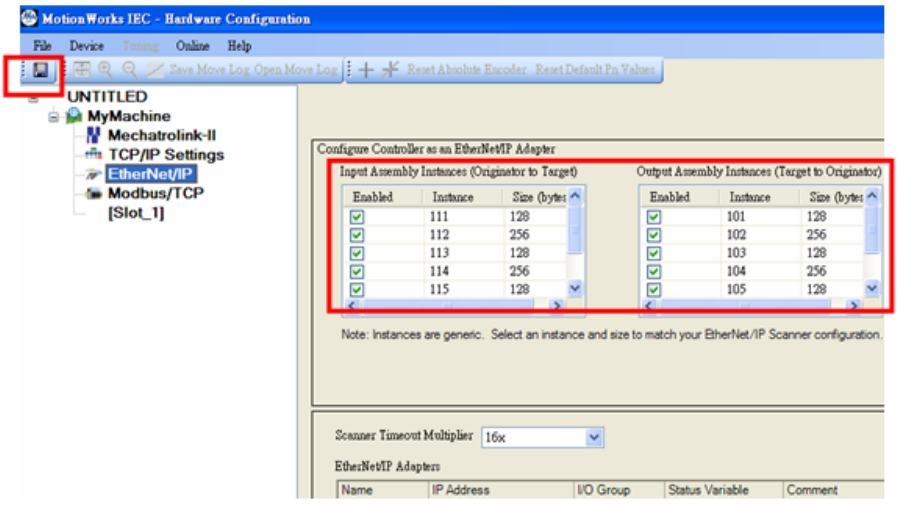
HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	YASKAWA MP2300Siec		
PLC 界面	Ethernet		
PLC 站号	1		
端口	44818		
实例	Input::101 Output:111	Input::101~106 Output:111~116	

PLC 设定:

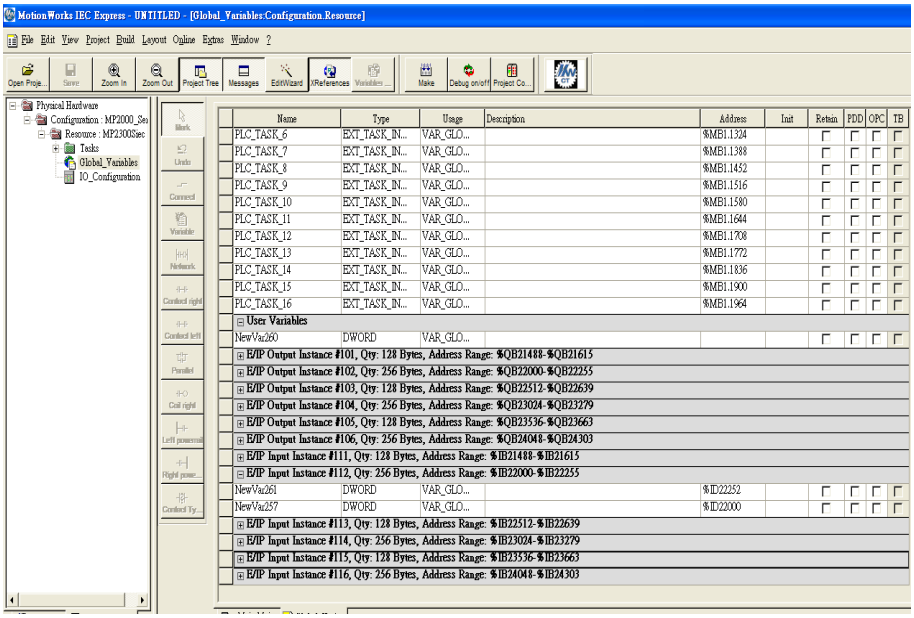
MP2300Siec-Motion Works IEC Express (YASKAWA)设定:

步骤一.HMI 要与 MP2300Siec 进行 Ethernet/IP 通讯前，必须设定 MP2300Siec 设备上的 Instance Input 与 Instance Output，一次可以建立多个 Instance，设定完成必须按下 Save 键。



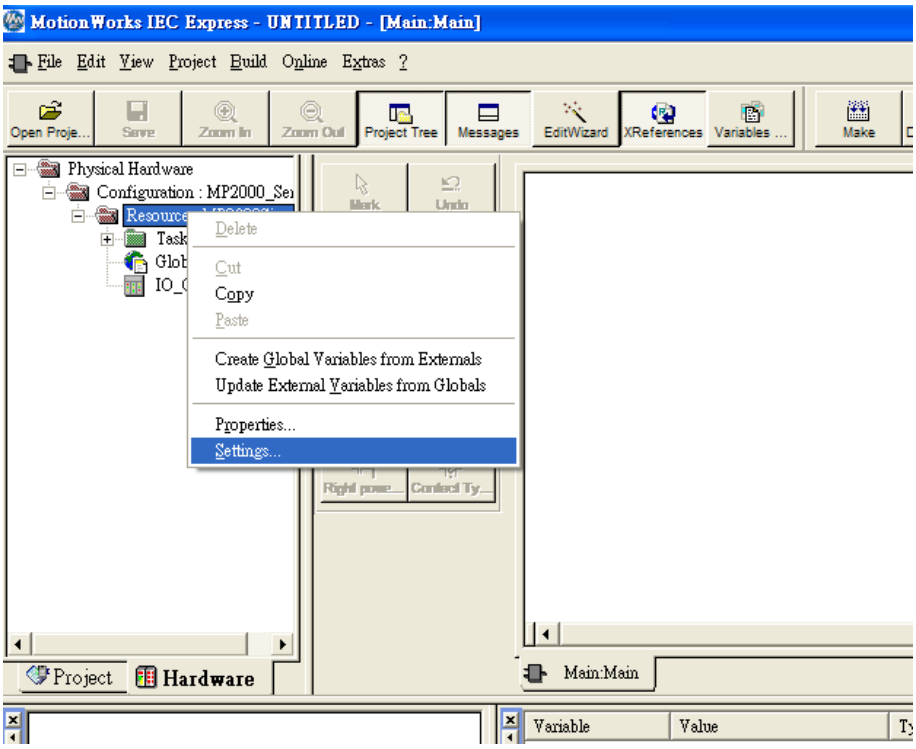
图一.Assembly Instances

步骤二. Global Variables 将会自动新增 E/IP Input 与 Output 资料，用户可以自行定义 Input 与 Output 数据名称及地址型态。

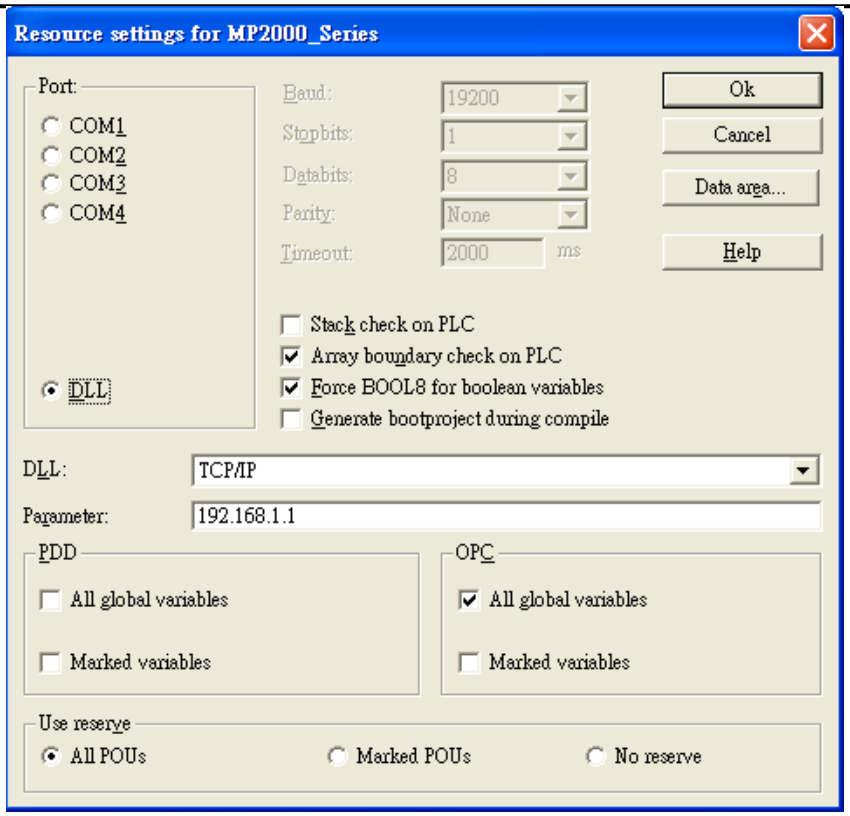


图二.Global Variables

步骤三.下载 Project 至设备(MP2300Siec)时，必须由图三 Resource->Settings 进入图四设定 MP2300Siec IP address。

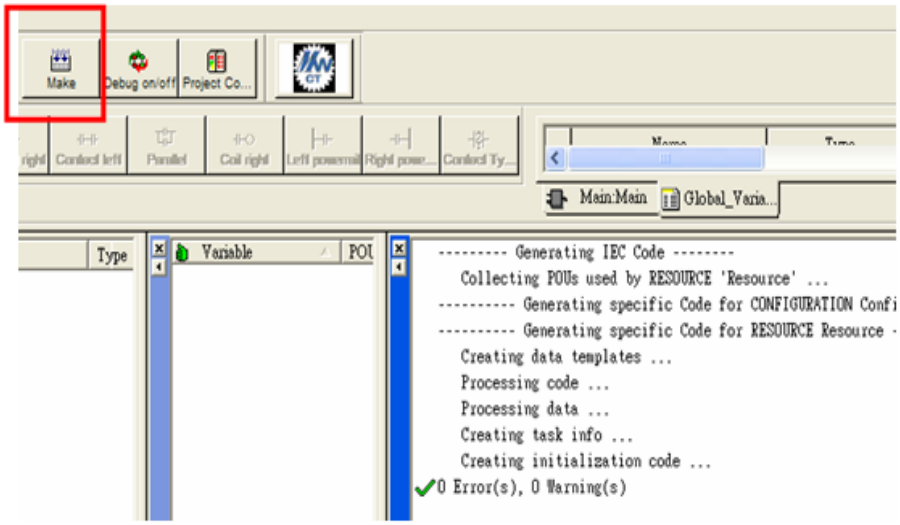


图三.Motion Works IEC Express – Settings



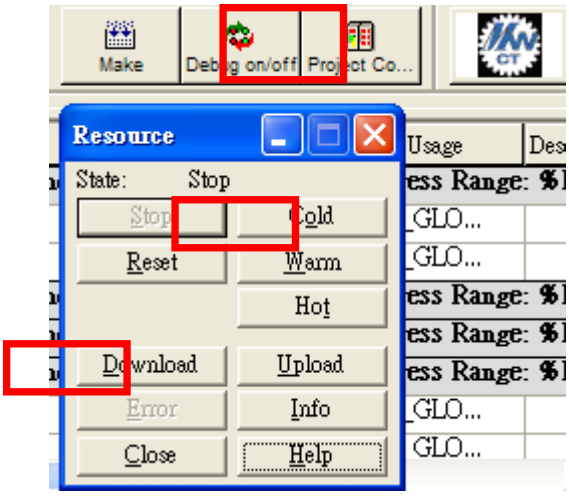
图四.Resource Settings

步骤四.进行编译。



图五.编译画面

步骤五. Project 下载至 MP2300Siec 设备，执行 Cold 即可。

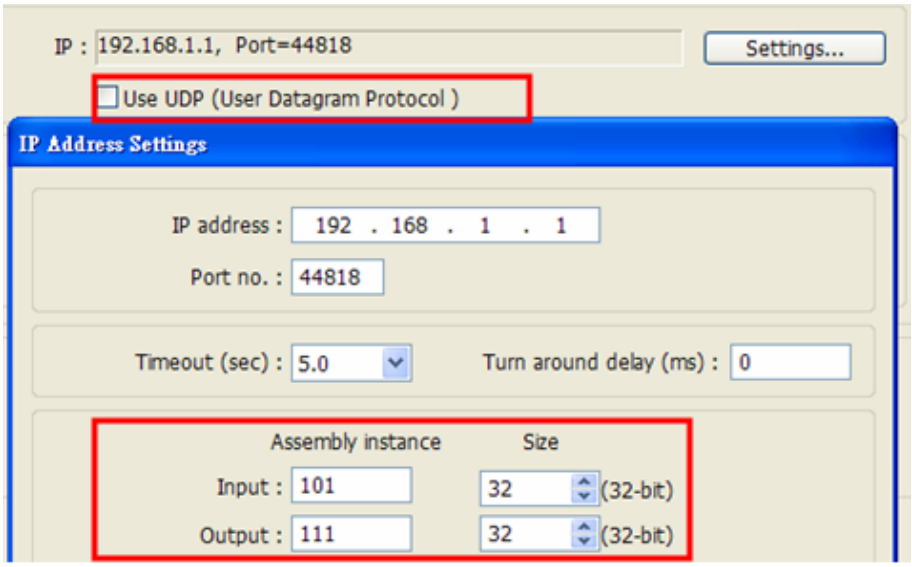


图六.Project 下载

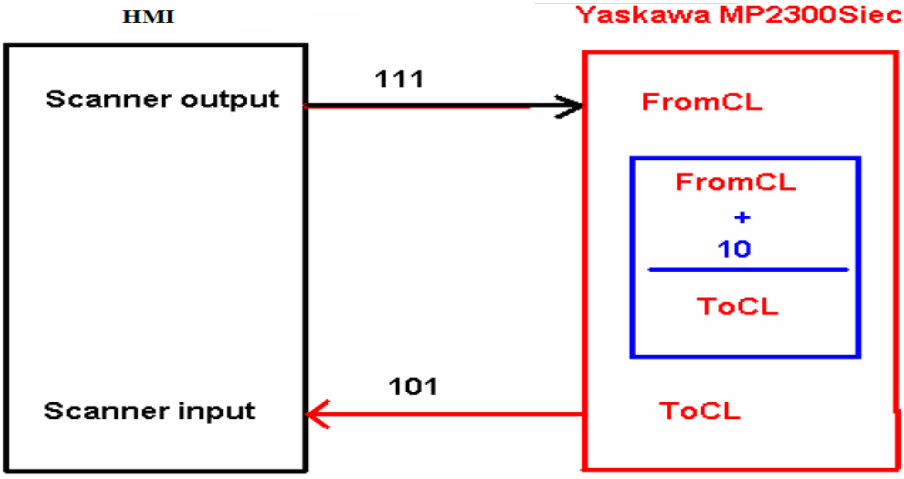
EasyBuilder8000/EasyBuilder Pro 之设定:

步骤一.系统参数设定

开启 EasyBuilder8000/EasyBuilder Pro 项目，如下图七 Assembly Instance 与 Size 必须与原厂软件设定匹配，UDP 选项不需选取。图八则表示 HMI Input Output 地址与 MP2300Siec 相互对应关系。



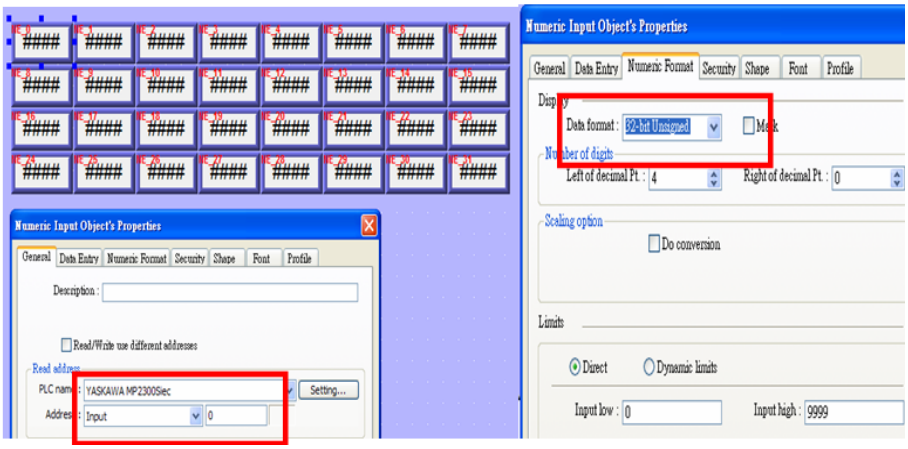
图七.Instance Setting



图八.HMI 与 MP2300Siec I/O 对应关系

步骤二.地址设定:

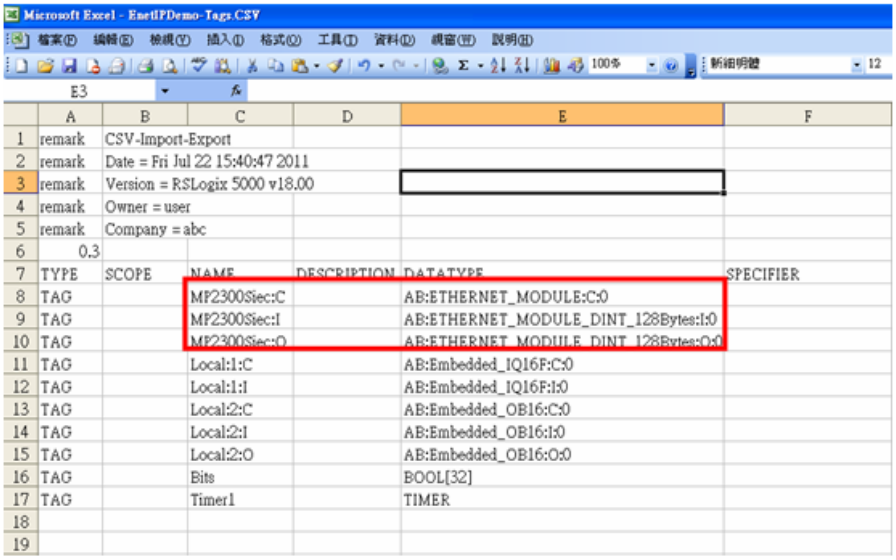
Instance 101 与 Instance 111 皆定义为 128Bytes，画面上即可使用 WORD 对象，数据型态定义为 32-Bit Unsigned，Input 地址设定 0、2、4、6…..62 来读取 Instance 101 数据。



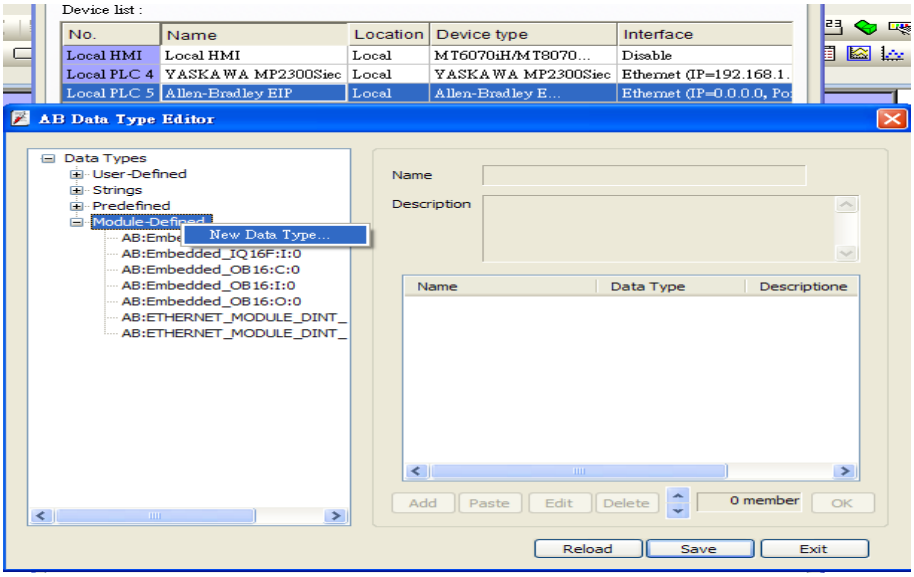
图九.地址设定

EasyBuilder8000/EasyBuilder Pro-Allen Bradley CompactLogix Tag 数据汇入及外部模块定义:

步骤一.用户于 EasyBuilder8000/EasyBuilder Pro 项目中，使用 Allen Bradley EIP 驱动汇入 CSV 档案时(如图十)，必须先开启 AB Data Type Editor 定义外部模块(图十一)，必需于 Module Defined 按下鼠标右键新增数据型态(Data Type)。

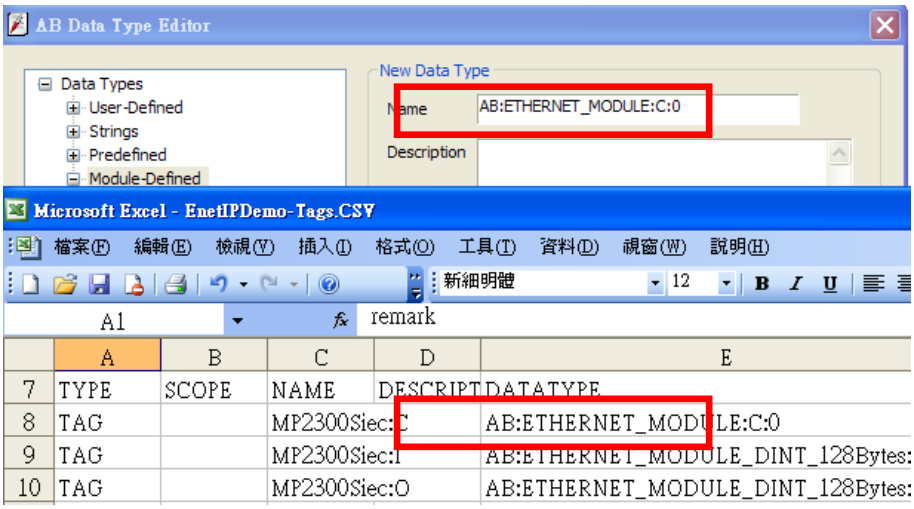


图十. RSLogix 5000 (Allen Bradley Software)汇出 Free Tag CSV 档案

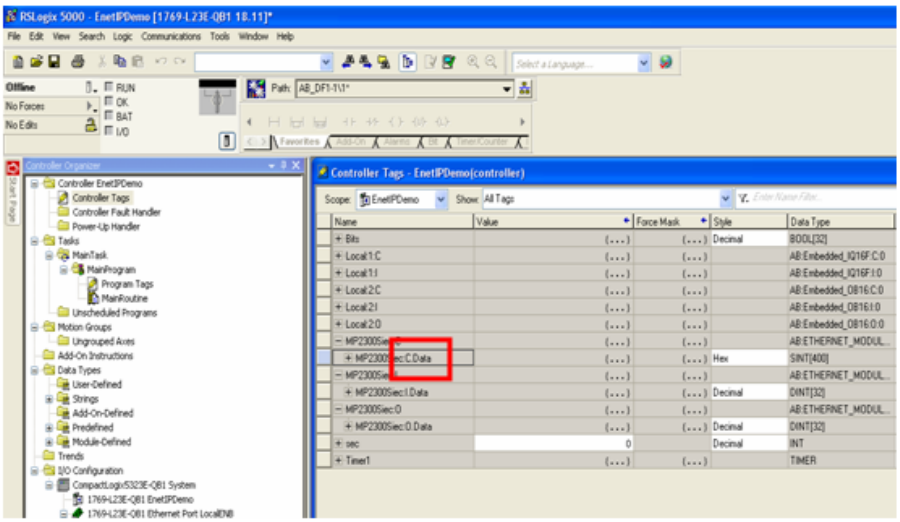


图十一.AB Data Type Editor

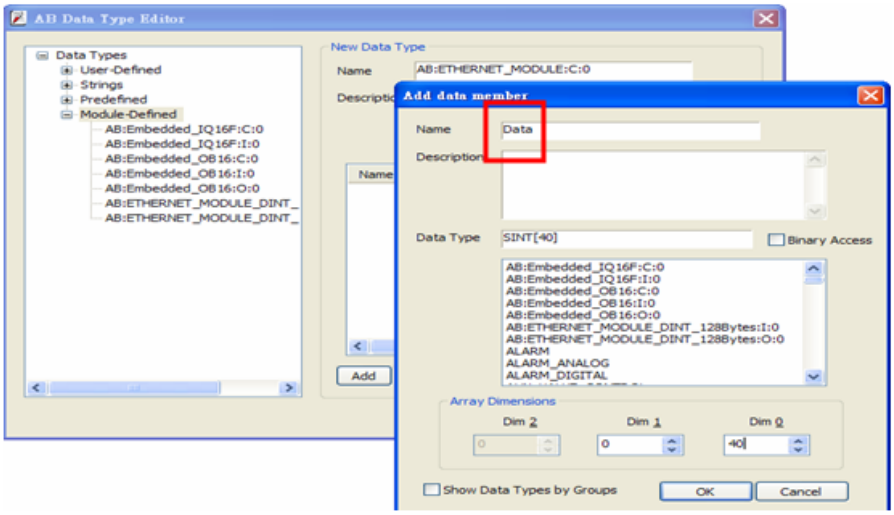
步骤二. 如图十二 AB Data Type Editor 新增数据型态 Name，必须与 Free Tag CSV 档案中 Data Type 相同。如图十四数据成员名称必须与原 AB 软件相同(如下图十三中 Data)，并按下储存键(图十五)。



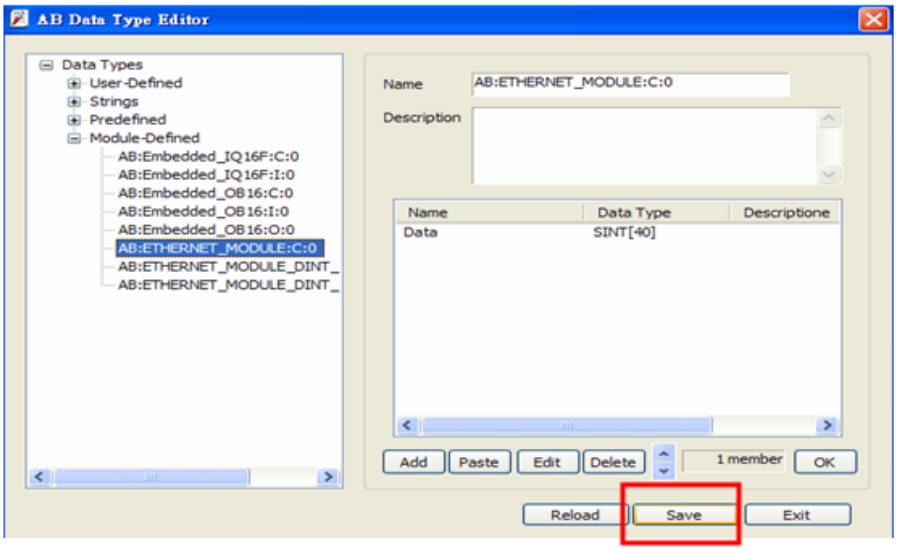
图十二.AB Data Type Editor



图十三.Tag Information

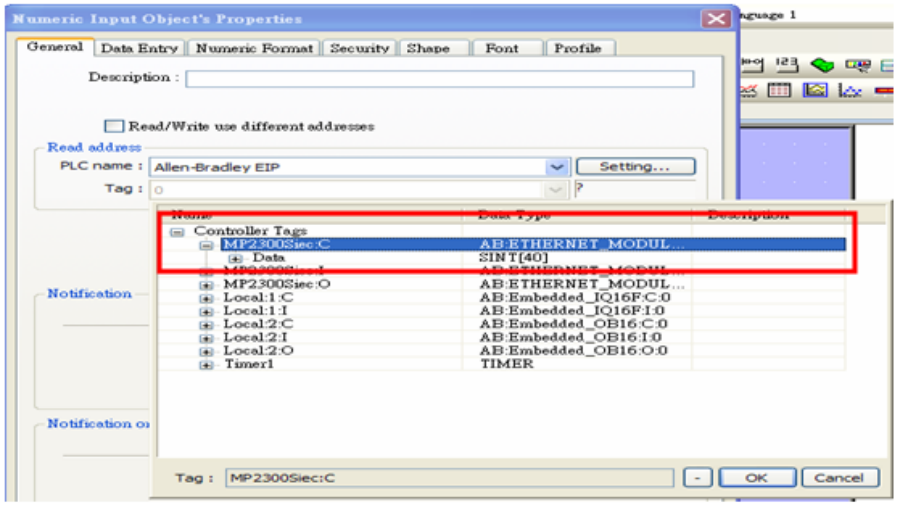


图十四.Add Data Member - Name Tag Information



图十五.Add Data Member-Settings - Save

步骤三.执行 CSV 档案汇入。将可以于对象地址看到 Tag 数据。



图十六. Tag Information

设备类型:

字符/位	设备类型	格式	范围	注释
B	Input_Bit	DDDDDdd	0 ~ 6553515	
B	Output_Bit	DDDDDdd	0 ~ 6553515	
DW	Input	DDDDD	0 ~ 65535	
DW	Output	DDDDD	0 ~ 65535	

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

驱动版本:

版本	日期	叙述
V1.00	Aug/11/2011	发布驱动程序

YASKAWA Sigma-5

支持系列: YASKAWA Σ-V Series
网站: http://www.yaskawa.co.jp/

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	YASKAWA Sigma-5		
PLC 界面	RS232	RS232/RS485	
传输速率	19200		
校验	Even		
数据位	8		
停止位	1		
PLC 站号	1	0 ~ 127	

设备类型:

字符/位	设备 类型	格式	范围	注释
B	0_bit	HHHh	0 ~ FFFF	Normal Parameters Area
B	E_bit	HHHh	0 ~ FFFF	Monitor Area
W	0	HHH	0 ~ FFF	Normal Parameters Area
W	E	HHH	0 ~ FFF	Monitor Area

下列地址是 32 位参数,读写时请使用两个字符的设定方式.

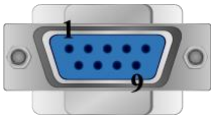
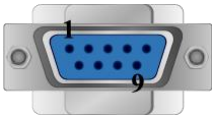
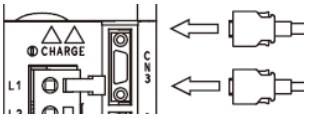
- Normal Parameters area
  020AH / 020EH / 0210H / 0212H / 0282H / 051BH / 0520H / 0522H / 0524H / 0526H / 0531H
- Monitor Area
  E003H / E009H / E00EH / E010H / E012H / E016H / E01BH / E084H / E52AH / E52CH / E52EH / E530H / E532H / E534H / E536H / E538H / E53AH / E53CH / E601H / E603H / E605H / E705H / E707H / E110H / E120H / E130H



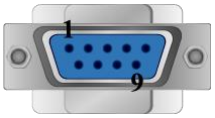
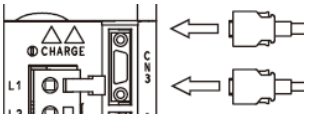
接线图:

以下图表示从连接线的焊接端所视.

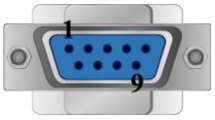
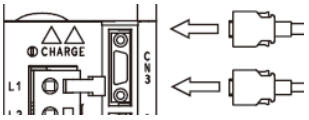
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		SGDV CN3 RS232 14P Male Connector
2 RX	8 RX		2 TD (Gray/Black)
3 TX	7 TX		4 RD (Purple/Black)
5 GND	5 GND		14 GND (Coffee)
			

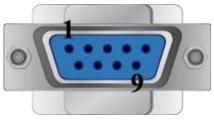
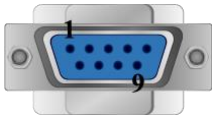
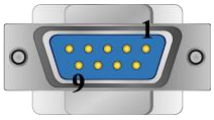
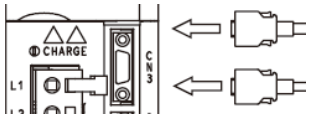
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			SGDV CN3 RS232 14P Male Connector
2 RX			2 TD (Gray/Black)
3 TX			4 RD (Purple/Black)
5 GND			14 GND (Coffee)
			

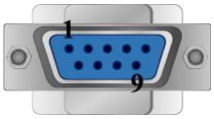
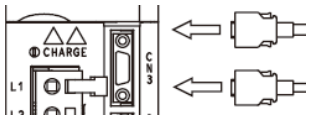
MT8000iE series

COM1 RS232 9P D-Sub Female			SGDV CN3 RS232 14P Male Connector
2 RX			2 TD (Gray/Black)
3 TX			4 RD (Purple/Black)
5 GND			14 GND (Coffee)
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	SGDV CN3 RS232 14P Male Connector
2 RX	6 RX	8 RX	2 TD (Gray/Black)
3 TX	4 TX	7 TX	4 RD (Purple/Black)
5 GND	5 GND	5 GND	14 GND (Coffee)
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			SGDV CN3 RS232 14P Male Connector
9 RX			2 TD (Gray/Black)
6 TX			4 RD (Purple/Black)
5 GND			14 GND (Coffee)
			

驱动版本:

版本	日期	叙述
V1.00	Nov/21/2012	发布驱动程序

YASKAWA SMC 3010

支持系列: YASKAWA SMC Servo Motor Controller 系列.

HMI 设定:

参数设定	推荐	选项	注释
设备 类型	YASKAWA SMC 3010		
PLC 界面	RS232		
传输速率	19200	9600, 19200	
校验	None		
数据位	8		
停止位	1		

设备类型:

字符/位	设备类型	格式	范围	注释
B	AF	D	0 ~ 1	
B	BN	D	0 ~ 1	唯写
B	BP	D	0 ~ 1	唯写
B	BV	D	0 ~ 1	唯写
B	CB	DDDD	0 ~ 9999	唯写
B	CM	D	0 ~ 1	只读
B	DV	D	0 ~ 1	
B	EB	D	0 ~ 1	
B	OE	D	0 ~ 1	
B	RS	D	0 ~ 1	唯写
B	ST	D	0 ~ 1	唯写
B	TB	Do	0 ~ 17	只读
B	V_Bit	DDDdd	0 ~ 99931	*2
B	D_arr_Bit	DDDdd	0 ~ 99931	
DW	AC	D	0 ~ 4	
DW	DC	D	0 ~ 4	
DW	BL	D	0 ~ 4	
W	CD	D	0 ~ 2	唯写
W	CE	D	0 ~ 2	
DW	DE	D	0 ~ 4	
DW	DP	D	0 ~ 4	

字符/位	设备类型	格式	范围	注释
W	DT	D	0 ~ 2	
W	EC	D	0 ~ 2	
DW	EM	D	0 ~ 4	
W	ER	D	0 ~ 2	
W	FA	D	0 ~ 2	
DW	FL	D	0 ~ 4	
W	FV	D	0 ~ 2	
DW	GR	D	0 ~ 4	
DW	JG	D	0 ~ 4	
DW	MM	D	0 ~ 4	
W	MT	D	0 ~ 2	
W	NA	D	0 ~ 2	
W	OP	D	0 ~ 2	
DW	PA	D	0 ~ 4	唯写
DW	PR	D	0 ~ 4	
DW	SP	D	0 ~ 4	
W	TC	D	0 ~ 2	只读
W	TM	D	0 ~ 2	
W	TW	D	0 ~ 2	
DW	VA	D	0 ~ 4	
DW	VD	D	0 ~ 4	
DW	VS	D	0 ~ 4	
DW	IL	D	0 ~ 4	
DW	IT	D	0 ~ 4	
DW	KD	D	0 ~ 4	
DW	KI	D	0 ~ 4	
DW	KP	D	0 ~ 4	
DW	OF	D	0 ~ 4	
DW	TL	D	0 ~ 4	
DW	VR	D	0 ~ 4	
DW	VT	D	0 ~ 4	
DW	PF	D	0 ~ 4	*1
DW	VF	D	0 ~ 4	
DW	V	DDD	0 ~ 999	*2
F	F	DDD	0 ~ 999	*2
W	D_array	DDD	0 ~ 999	
W	R_array	DDD	0 ~ 999	

Note:

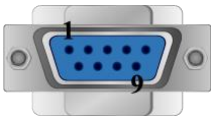
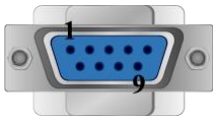
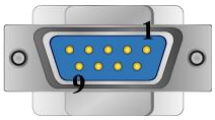
*1 PF 为 SMC_3010 的通讯参数，默认值为 10.4，若数值不是 10.4，所有数值显示可能会有错误.

*2 User define integer variable V000 ~ V999, floating point variable F000 ~ F999.

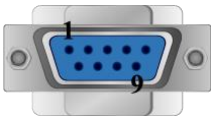
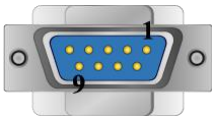
接線圖:

以下图表示从连接线的焊接端所视.

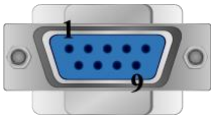
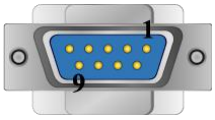
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		SMC3010 CN6 RS232 9P D-Sub Male	
2 RX	8 RX		2 TXD	
3 TX	7 TX		3 RXD	
5 GND	5 GND		5 GND	
			7 RTS	circuit
			8 CTS	
				

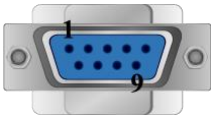
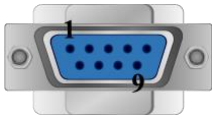
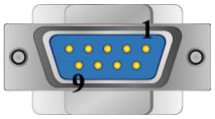
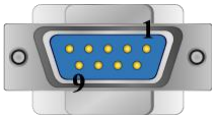
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			SMC3010 CN6 RS232 9P D-Sub Male	
2 RX			2 TXD	
3 TX			3 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

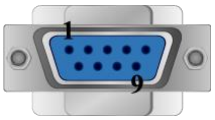
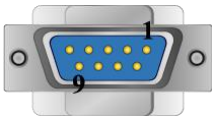
MT8000iE series

COM1 RS232 9P D-Sub Female			SMC3010 CN6 RS232 9P D-Sub Male	
2 RX			2 TXD	
3 TX			3 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	SMC3010 CN6 RS232 9P D-Sub Male	
2 RX	6 RX	8 RX	2 TXD	
3 TX	4 TX	7 TX	3 RXD	
5 GND	5 GND	5 GND	5 GND	
			7 RTS	circuit
			8 CTS	
				

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			SMC3010 CN6 RS232 9P D-Sub Male	
9 RX			2 TXD	
6 TX			3 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

驱动版本:

版本	日期	叙述
V1.30	Mar/29/2010	

YASKAWA SMC 3010 (Ethernet)

支持系列: YASKAWA SMC Servo Motor Controller 系列.

HMI 设定:

参数设定	推荐	选项	注释
设备 类型	YASKAWA SMC 3010 (Ethernet)		
PLC 界面	Ethernet		
端口	23		

设备类型:

字符/位	设备类型	格式	范围	注释
B	AF	D	0 ~ 1	
B	BN	D	0 ~ 1	唯写
B	BP	D	0 ~ 1	唯写
B	BV	D	0 ~ 1	唯写
B	CB	DDDD	0 ~ 9999	唯写
B	CM	D	0 ~ 1	只读
B	DV	D	0 ~ 1	
B	EB	D	0 ~ 1	
B	OE	D	0 ~ 1	
B	RS	D	0 ~ 1	唯写
B	ST	D	0 ~ 1	唯写
B	TB	Do	0 ~ 17	只读
B	V_Bit	DDDdd	0 ~ 99931	*2
B	D_arr_Bit	DDDdd	0 ~ 99931	
DW	AC	D	0 ~ 4	
DW	DC	D	0 ~ 4	
DW	BL	D	0 ~ 4	
W	CD	D	0 ~ 2	唯写
W	CE	D	0 ~ 2	
DW	DE	D	0 ~ 4	
DW	DP	D	0 ~ 4	
W	DT	D	0 ~ 2	
W	EC	D	0 ~ 2	

字符/位	设备类型	格式	范围	注释
DW	EM	D	0 ~ 4	
W	ER	D	0 ~ 2	
W	FA	D	0 ~ 2	
DW	FL	D	0 ~ 4	
W	FV	D	0 ~ 2	
DW	GR	D	0 ~ 4	
DW	JG	D	0 ~ 4	
DW	MM	D	0 ~ 4	
W	MT	D	0 ~ 2	
W	NA	D	0 ~ 2	
W	OP	D	0 ~ 2	
DW	PA	D	0 ~ 4	唯写
DW	PR	D	0 ~ 4	
DW	SP	D	0 ~ 4	
W	TC	D	0 ~ 2	只读
W	TM	D	0 ~ 2	
W	TW	D	0 ~ 2	
DW	VA	D	0 ~ 4	
DW	VD	D	0 ~ 4	
DW	VS	D	0 ~ 4	
DW	IL	D	0 ~ 4	
DW	IT	D	0 ~ 4	
DW	KD	D	0 ~ 4	
DW	KI	D	0 ~ 4	
DW	KP	D	0 ~ 4	
DW	OF	D	0 ~ 4	
DW	TL	D	0 ~ 4	
DW	VR	D	0 ~ 4	
DW	VT	D	0 ~ 4	
DW	PF	D	0 ~ 4	*1
DW	VF	D	0 ~ 4	
DW	V	DDD	0 ~ 999	*2
DW (F)	F	DDD	0 ~ 999	*2
W	D_array	DDD	0 ~ 999	
W	R_array	DDD	0 ~ 999	

Note:

*1 PF 为 SMC_3010 的通讯参数, 默认值为 10.4, 若数值不是 10.4, 所有数值显示可能会有错误.

*2 User define integer variable V000 ~ V999, floating point variable F000 ~ F999.

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

驱动版本:

版本	日期	叙述
V1.10	Mar/29/2010	

YOKOGAWA FA-M3

支持系列 : FA-M3 CPU SP35-5N, SP55-5N CPU port, F3LC11 Computer Link 模块.

网站 : http://www.yokogawa.com/itc/itc-index-en.htm

HMI 设定:

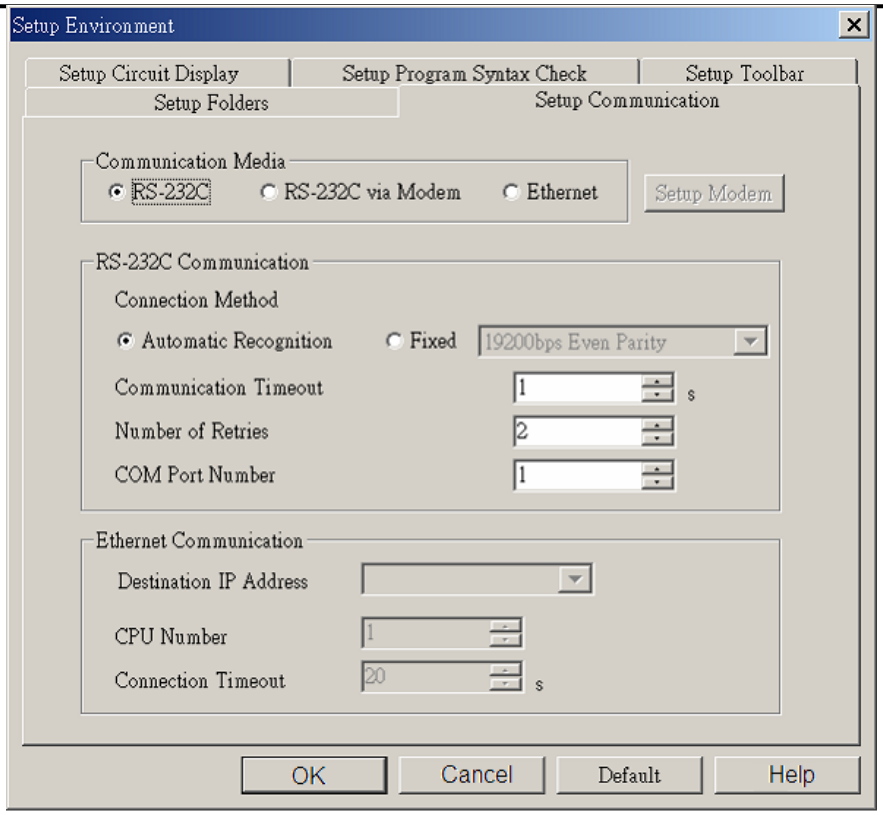
参数设定	推荐	选项	注释
PLC 类型	YOKOGAWA FA-M3		
PLC 界面	RS232		
传输速率	19200	9600 ~ 115200	
校验	Even	Even, Odd, None	
数据位	8	7, 8	
停止位	1	1, 2	
PLC 站号	1	1-32	

PLC 设定:

通讯模式	使用 Personal Communication Link 使用 checksum 使用 End Character

如何获取 WideField 通信设置

若想获取WideField通信设置，选择 [Tool]->[Set Environment] default 为 Automatic. 使用 Automatic Recognition, Wide Field 软件将链接目前 PLC 并获取 PLC 通信设置. 若已知 PLC 通讯装置，也可选择 Fixed 模式，这将更快速连结至 PLC.



P.S 因为使用 Personal computer link, 当连结至 PLC 会延时约 20 秒 来测试通讯.

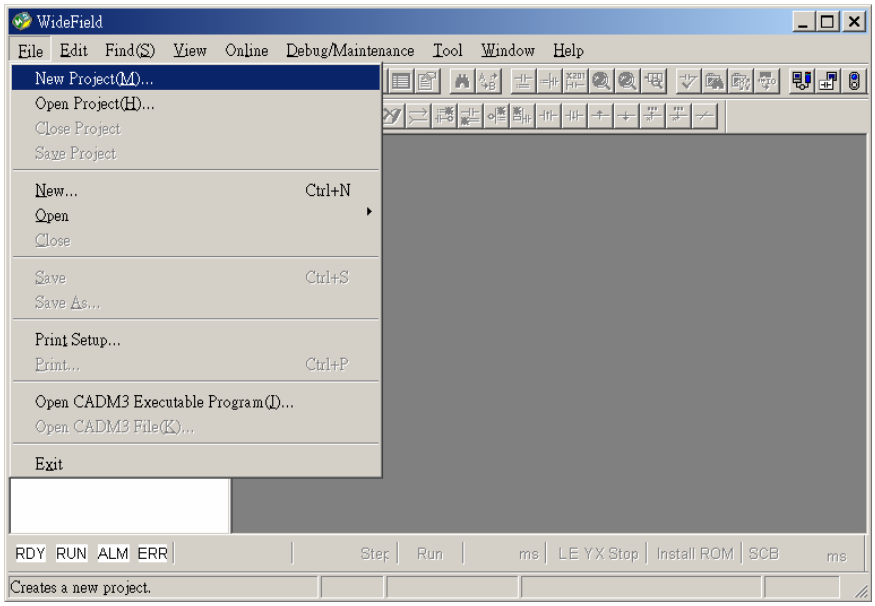
如何设定 YOKOGAWA PLC 通讯

装置

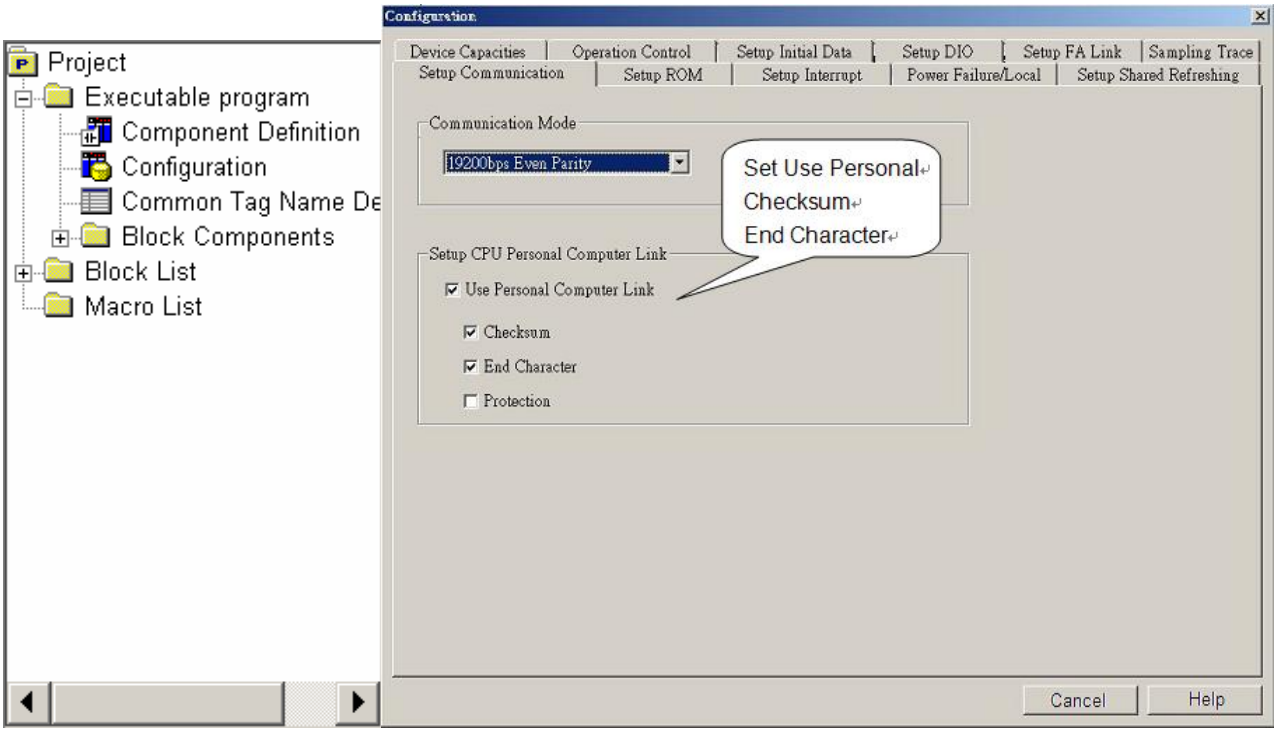
YOKOGAWA FA-M3

CPU SP55-5N (同 SP35-5N)

[File] -> [New Project] 建立新的程序



点选“Configuration”设置通讯.



设备类型:

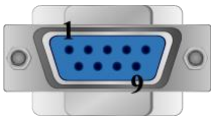
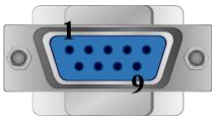
字符/位	设备类型	格式	范围	注释
B	X	DDDDD	0 ~ 71664	
B	Y	DDDDD	0 ~ 71664	
B	I	DDDDD	1 ~ 65535	
B	M	DDDD	1 ~ 9984	
B	L	DDDDD	0 ~ 78192	
W	D	DDDDD	1 ~ 65535	
W	B	DDDDD	1 ~ 262144	
W	V	DDD	1 ~ 256	
W	W	DDDDD	1 ~ 78192	
W	Z	DDDD	1 ~ 1024	
W	F	DDDDDD	1 ~ 524288	

接线图:

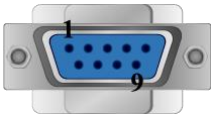
以下图表示从连接线的焊接端所视.

9P D-Sub to 9P D-Sub: Cable KM11

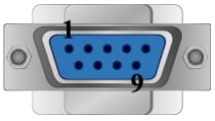
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male
2 RX	8 RX		2 TXD
3 TX	7 TX		3 RXD
5 GND	5 GND		5 GND
			

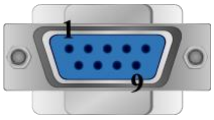
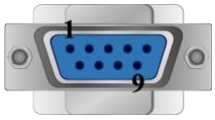
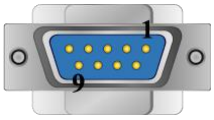
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
2 RX			2 TXD
3 TX			3 RXD
5 GND			5 GND
			

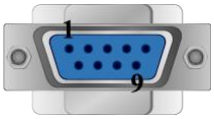
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
2 RX			2 TXD
3 TX			3 RXD
5 GND			5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male
2 RX	6 RX	8 RX	2 TXD
3 TX	4 TX	7 TX	3 RXD
5 GND	5 GND	5 GND	5 GND
			

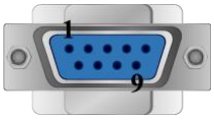
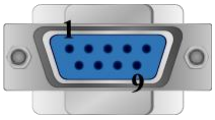
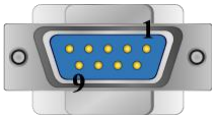
MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male
9 RX			2 TXD
6 TX			3 RXD
5 GND			5 GND
			

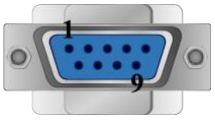
以下图表示从连接线的焊接端所视.

9P D-Sub to 9P D-Sub: LC11

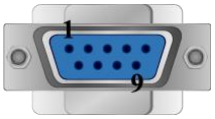
eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		RS232 9P D-Sub Male	
2 RX	8 RX		3 TXD	
3 TX	7 TX		2 RXD	
5 GND	5 GND		5 GND	
			7 RTS	circuit
			8 CTS	
				

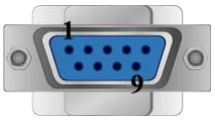
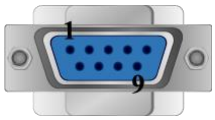
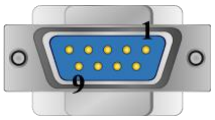
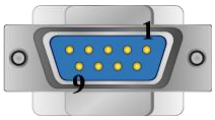
cMT-SVR/cMT-HD series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

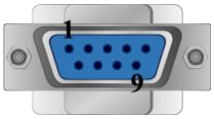
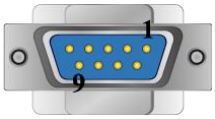
MT8000iE series

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
2 RX			3 TXD	
3 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	RS232 9P D-Sub Male	
2 RX	6 RX	8 RX	3 TXD	
3 TX	4 TX	7 TX	2 RXD	
5 GND	5 GND	5 GND	5 GND	
			7 RTS	circuit
			8 CTS	
				

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			RS232 9P D-Sub Male	
9 RX			3 TXD	
6 TX			2 RXD	
5 GND			5 GND	
			7 RTS	circuit
			8 CTS	
				

驱动版本:

版本	日期	叙述
V1.20	Oct/23/2009	
V1.30	May/31/2012	L 地址扩增至 78192
V1.50	Apr/07/2014	1. 扩充 I, D, B 地址范围 2. 新增 F 地址

YOKOGAWA FA-M3 (Ethernet)

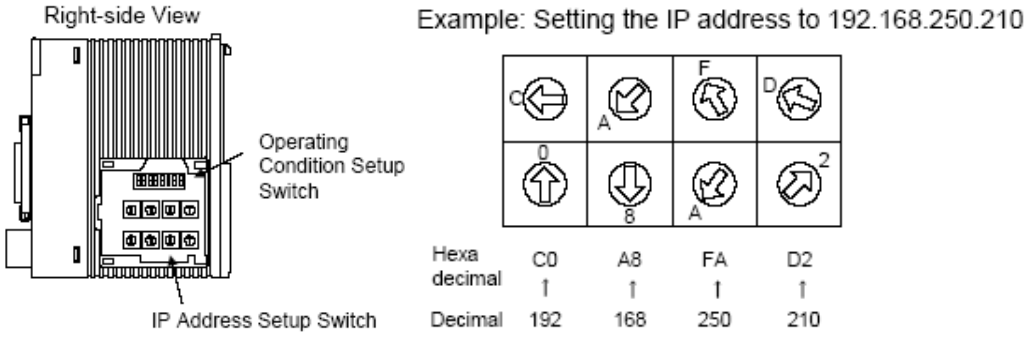
支持系列 : FA-M3 CPU SP35-5N, SP55-5N with F3LE01-5T/F3LE11-0T Ethernet 模块.
网站: http://www.yokogawa.com/itc/itc-index-en.htm

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	YOKOGAWA FA-M3 (Ethernet)		
PLC 界面	Ethernet		
端口	12289		
PLC 站号	1		

PLC 设定:

通讯模式	设定 IP Address, 设置所有 switch 为 OFF.



设备类型:

字符/位	设备类型	格式	范围	注释
B	X	DDDDD	0 ~ 71664	
B	Y	DDDDD	0 ~ 71664	
B	I	DDDDD	1 ~ 65535	
B	M	DDDD	1 ~ 9984	
B	L	DDDDD	0 ~ 78192	
W	D	DDDDD	1 ~ 65535	
W	B	DDDDDD	1 ~ 262144	
W	V	DDD	1 ~ 256	
W	W	DDDDD	1 ~ 78192	
W	Z	DDDD	1 ~ 1024	
W	F	DDDDDD	1 ~ 524288	

接线图:

直连网络线 (跳接网络线):

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/绿	3 RX+
2 TX-	橘	绿	6 RX-
3 RX+	白/绿	白/橘	1 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	橘	2 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

透过集线器:

HMI RJ45 公头	颜色	颜色	PLC RJ45 公头
1 TX+	白/橘	白/橘	1 RX+
2 TX-	橘	橘	2 RX-
3 RX+	白/绿	白/绿	3 TX+
4 BD4+	蓝	蓝	4 BD4+
5 BD4-	白/蓝	白/蓝	5 BD4-
6 RX-	绿	绿	6 TX-
7 BD3+	白/棕	白/棕	7 BD3+
8 BD3-	棕	棕	8 BD3-
			

驱动版本:

版本	日期	叙述
V1.00	Dec/30/2008	发布驱动程序.
V1.10	May/31/2012	L 地址扩增至 78192
V1.30	Apr/01/2014	1. 扩充 I, D, B 地址范围 2. 新增 F 地址

YUDIAN AIBUS

支持系列: UDIAN Automation AI-501, AI-518, AI-519, AI-701, AI-702M, AI-704M, AI-706M, AI-719.

网站: http://www.yudian.us

HMI 设定:

参数设定	推荐	选项	注释
PLC 类型	AIBUS		
PLC 界面	RS485 2W	RS232	
传输速率	9600	9600, 19200	
校验	None		
数据位	8		
停止位	2		
HMI 站号	0		
PLC 站号	1	0-100	

在线仿真	YES	
扩展模式	NO	

设备类型:

AI-518

字符/位	设备类型		格式	范围	注释
W	0	00H	DD		SV/STEP
W	1	01H	DD	-1999 ~ 9999	HIAL
W	2	02H	DD	-1999 ~ 9999	LoAL
W	3	03H	DD	0 ~ 9999	dHAL
W	4	04H	DD	0 ~ 9999	dLAL
W	5	05H	DD	0 ~ 2000	dF
W	6	06H	DD	0 ~ 4	CtrL
W	7	07H	DD	0 ~ 9999	M5
W	8	08H	DD	1 ~ 9999	P
W	9	09H	DD	0 ~ 2000	t
W	10	0AH	DD	0 ~ 125	Ctl
W	11	0BH	DD	0 ~ 37	Sn (只读)

字符/位	设备类型		格式	范围	注释
W	12	0CH	DD	0 ~ 3	dIP (只读)
W	13	0DH	DD	-1999 ~ 9999	dIL
W	14	0EH	DD	-1999 ~ 9999	dIH
W	15	0FH	DD	0 ~ 9999	ALP
W	16	10H	DD	-1999 ~ 4000 0.1℃	Sc
W	17	11H	DD	0 ~ 48	Op1
W	18	12H	DD	-110 ~ 110%	oPL
W	19	13H	DD	0 ~ 110%	oPH
W	20	14H	DD	0 ~ 127	CF (只读)
W	21	15H	DD	0 ~ 19.2K	传输速率（bAud） /808Pstatus word: run: 0 suspend: 4 stop: 12 (只读)
W	22	16H	DD	0 ~ 100	ADDR
W	23	17H	DD	0 ~ 20	dL
W	24	18H	DD	0 ~ 127	Run
W	25	19H	DD	0 ~ 9999	Loc

AI-701

字符/位	设备类型		格式	范围	注释
W	1	01H	DD	-9990 ~ 30000	HIAL
W	2	02H	DD	-9990 ~ 30000	LoAL
W	3	03H	DD	-9990 ~ 30000	HdAL
W	4	04H	DD	-9990 ~ 30000	LdAL
W	5	05H	DD	0 ~ 2000	AHYS
W	11	0BH	DD	0 ~ 37	InP (只读)
W	12	0CH	DD	0 ~ 3	dPt
W	13	0DH	DD	-9999 ~ 30000	SCL
W	14	0EH	DD	-9999 ~ 30000	SCH
W	15	0FH	DD	0 ~ 4444	AOP
W	16	10H	DD	-1999 ~ 4000 0.1℃	Scb
W	17	11H	DD	0 ~ 48	Opt

字符/位	设备类型		格式	范围	注释
W	21	15H	DD	0 ~ 19.2K	传输速率（bAud） /808P status word run: 0 suspend: 4 stop: 12 (只读)
W	22	16H	DD	0 ~ 80	ADDR
W	23	17H	DD	0 ~ 40	FILt
W	25	19H	DD	0 ~ 255	Loc

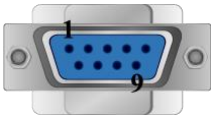
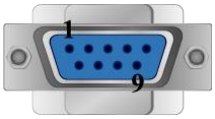
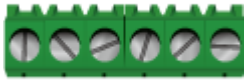
接线图:

以下图表示从连接线的焊接端所视.

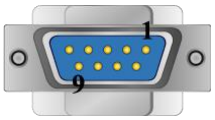
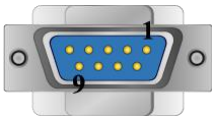
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W terminal
1 RX-	6 Data-		4 COMM A
2 RX+	9 Data+		3 COMM B
5 GND	5 GND		
			

MT series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W terminal
7 RX-	4 Data-		4 COMM A
6 RX+	1 Data+		3 COMM B
5 GND	5 GND		
			

MT8000iE series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W terminal
1 RX-	7 Data-		4 COMM A
2 RX+	8 Data+		3 COMM B
5 GND	9 GND		
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Male		RS485 2W terminal
1 RX-	6 Data-		4 COMM A
2 RX+	9 Data+		3 COMM B
5 GND	5 GND		
			

MT6050i/MT8050i

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W terminal
1 RX-	7 Data-		4 COMM A
2 RX+	8 Data+		3 COMM B
5 GND	5 GND		
			

驱动版本:

版本	日期	叙述
V1.20	Dec/30/2008	