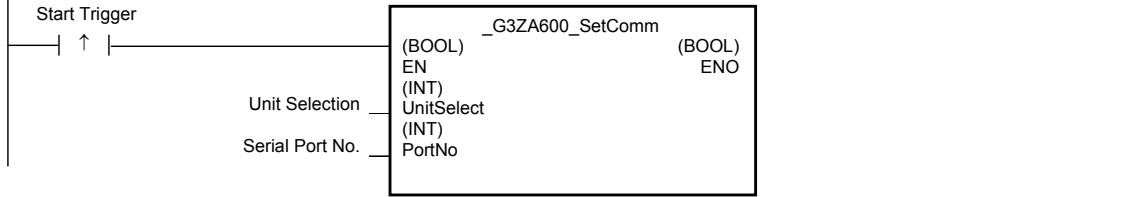
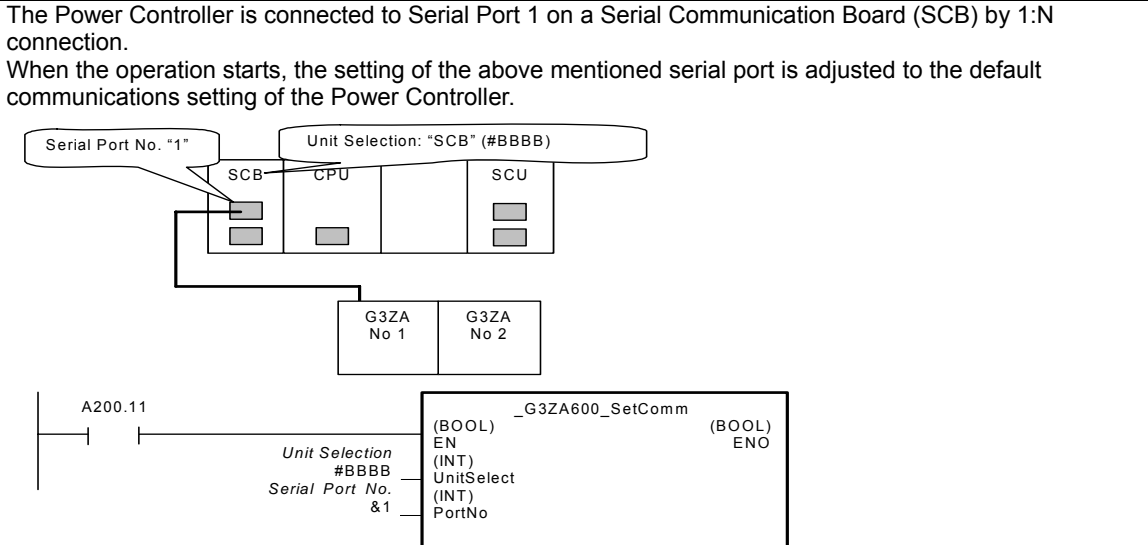


G3ZA 600	Set Communication Port _G3ZA600_SetComm	
Basic Function	Adjusts the communications setting of a PLC's serial port to the default Power Controller setting.	
Symbol		
File name	Lib\FBL\omronlib\PowerController\G3ZA\Serial_G3ZA600_SetComm10.cxf	
Applicable models	Power Controller CPU Unit Serial Communications Units/Boards CX-Programmer	G3ZA CS1*-CPU**H Unit version 3.0 or higher CJ1*-CPU**H Unit version 3.0 or higher CJ1M-CPU** Unit version 3.0 or higher CP1H CP1L (except 10 points CPU) CS1W-SCU21-V1, CJ1W-SCU21-V1, CJ1W-SCU41-V1 Unit Version 1.2 or higher CS1W-SCB21-V1 and CS1W-SCB41-V1 Unit Version 1.2 or higher Version 5.0 or higher
Descriptions	<p>When a Start Trigger is turned ON, the communications setting of a serial port is adjusted to the default Power Controller setting (the factory shipment value), and the port is restarted.</p> <p>The communications setting (default values) of the Power Controller.</p> <p>Baud rate: 9600bps Data length: 7bits Stop bits: 2bits Error detection: Even number</p> <p>As before, the PLC setup (for a CPU Unit) or a DM setting (for a Serial Communication Unit (SCU) or a Serial Communication Board (SCB)) is also possible.</p>	
Precautions	This FB does not confirm a completion of restarting.	
EN input condition	Connect EN to the OR between the <i>Start Trigger</i> 's DIFU (differentiate up) and the <i>FB_BUSY</i> output from the FB. See the diagram above.	
EN input condition	Always use DIFU (differentiate up) (↑) for EN inputs or a 1 Cycle ON Flag (A200.11) when the operation starts. Otherwise, a serial port will continue restarting.	
Restrictions Input variable	Always use DIFU (differentiate up) (↑) for EN inputs.	
Usages	<p>The Power Controller is connected to Serial Port 1 on a Serial Communication Board (SCB) by 1:N connection.</p> <p>When the operation starts, the setting of the above mentioned serial port is adjusted to the default communications setting of the Power Controller.</p> 	
Related manuals	G3ZA <i>G3ZA Multi-channel Power Controller User's Manual (Z200-E1)</i> Section 3. Communications(CompoWay/F) 3-1.Communication Settings	

Variable Tables**Input Variables**

Name	Variable Name	Data Type	Default	Scope	Descriptions												
EN	EN	BOOL			1(ON): A FB is started. 0(OFF): A FB is not started.												
Unit selection	UnitSelect	INT	&0	At right.	Specify the Unit and the serial port. Only serial port 2 of CP1H/CP1L M-type CPU unit is possible to use this FB. <ul style="list-style-type: none"> ■ Connected to CPU Unit <table style="margin-left: 20px;"> <tr> <td>Unit selection</td> <td>#FFFF</td> </tr> <tr> <td>Serial port No.</td> <td>Not accessed. (CP1H/CP1L-M: Serial Port2 CP1L-L14/20: Serial Port1)</td> </tr> </table> ■ Connected to Serial Communication Board(SCB) <table style="margin-left: 20px;"> <tr> <td>Unit selection</td> <td>#BBBB</td> </tr> <tr> <td>Serial port No.</td> <td>&1: Serial Port 1 &2: Serial Port 2</td> </tr> </table> ■ Connected to Serial Communication Unit(SCU) <table style="margin-left: 20px;"> <tr> <td>Unit selection</td> <td>SCU Unit No. (&0 to &15)</td> </tr> <tr> <td>Serial port No.</td> <td>&1: Serial Port 1 &2: Serial Port 2</td> </tr> </table> 	Unit selection	#FFFF	Serial port No.	Not accessed. (CP1H/CP1L-M: Serial Port2 CP1L-L14/20: Serial Port1)	Unit selection	#BBBB	Serial port No.	&1: Serial Port 1 &2: Serial Port 2	Unit selection	SCU Unit No. (&0 to &15)	Serial port No.	&1: Serial Port 1 &2: Serial Port 2
Unit selection	#FFFF																
Serial port No.	Not accessed. (CP1H/CP1L-M: Serial Port2 CP1L-L14/20: Serial Port1)																
Unit selection	#BBBB																
Serial port No.	&1: Serial Port 1 &2: Serial Port 2																
Unit selection	SCU Unit No. (&0 to &15)																
Serial port No.	&1: Serial Port 1 &2: Serial Port 2																
Serial Port No.	PortNo	INT	&1	&1 to &2													

Output Variable

Name	Variable Name	Data Type	Scope	Descriptions
ENO (Omissionable)	ENO	BOOL		1(ON): A FB has operated normally. 0(OFF): A FB has not started. / A FB ended in error.

Version History

Version	Date	Contents
1.00	2006.08	Original Production

Attention

This document describes the functions of Function Blocks.

The usage restrictions for units or components and its combinations are not described here. We would like you to make sure of reading the *User's Manual* before actually using the products.