



CT300



危險



警告

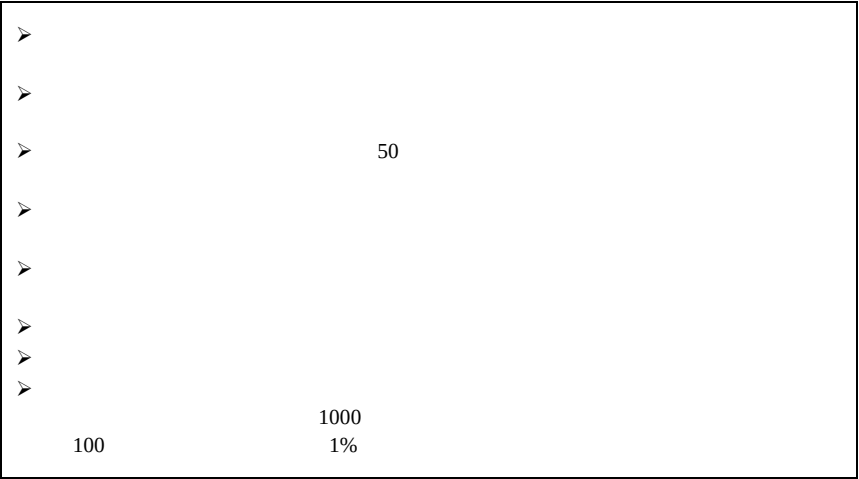
 危險	
➤	
➤	
➤	PCB
 警告	
➤	
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 危險	
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 警告	
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 危险	
	
	
	
	
	
	
 警告	
	
	
	

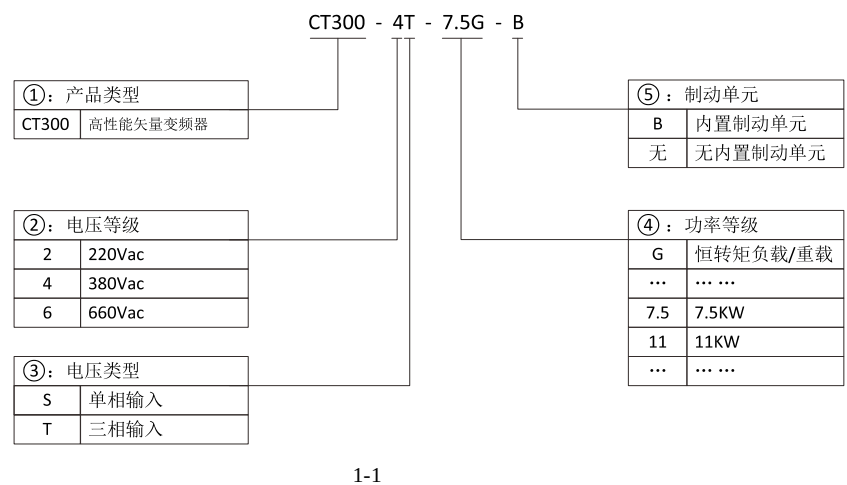
 危险	
	
	
	
	
	
 警告	
	
	
	

 警告	
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		1
1.1		1
1.2		1
1.3		5
1.4		8
		10
2.1		10
2.2		10
2.3		13
2.4		15
		22
3.1		22
3.2		24
3.3		25
3.4		25
3.5		26
		27
		59
		67
6.1		67
6.2		67
		70
7.1		70
7.2		70
7.3		71
7.4		71
		72
		73
		

1.1



1.2

1.2.1

1-1

	KW	A	A	KW
220Vac 50/60Hz				
CT300-2S-0.7G-B	0.7	8.2	4.0	0.75
CT300-2S-1.5G-B	1.5	14.0	7.0	1.5
CT300-2S-2.2G-B	2.2	23.0	9.6	2.2
380Vac 50/60Hz				
CT300-4T-0.7G-B	0.7	3.4	2.5	0.7
CT300-4T-1.5G-B	1.5	5.0	3.7	1.5
CT300-4T-2.2G-B	2.2	5.8	5.3	2.2
CT300-4T-4.0G-B	4.0	12.0	9.5	4.0
CT300-4T-5.5G-B	5.5	18.5	14	5.5
CT300-4T-7.5G-B	7.5	22.5	18.5	7.5
CT300-4T-11G-B	11	30.0	25.0	11
CT300-4T-15G-B	15	39.0	32.0	15
CT300-4T-18.5G-B	18.5	45.0	38.0	18.5
CT300-4T-22G-B	22	54.0	45.0	22

CT300

	KW	A	A	KW
CT300-4T-30G	30	68.0	60.0	30
CT300-4T-37G	37	84.0	75.0	37
CT300-4T-45G	45	98.0	92.0	45
CT300-4T-55G	55	123.0	115.0	55
CT300-4T-75G	75	157.0	150.0	75
CT300-4T-90G	90	188.0	180.0	90
CT300-4T-110G	110	221.0	215.0	110
CT300-4T-132G	132	267.0	260.0	132
CT300-4T-160G	160	309.0	305.0	160
CT300-4T-185G	185	344.0	340.0	185
CT300-4T-200G				

CT300

	KW	A	A	KW
CT300-6T-400	400	411	430	400
CT300-6T-500	500	518	540	500
CT300-6T-560	560	578	600	560
CT300-6T-630	630	655	680	630
CT300-6T-710	710	724	760	710
CT300-6T-800	800	822	860	800
CT300-6T-1000	1000	1036	1080	1000
CT300-6T-1250	1250	1310	1360	1250

- 1

CT300-4T-22G

CT300-4T-110G

CT300-4T-132G
- CT300-4T-30G~

CT300-6T-22-B~ CT300-6T-45-B

2-2

CT300-6T-55
- 2

CT300-4T-355G

~ CT300-4T-500G
- 3

380Vac 710KW

660Vac 1000KW
- 4

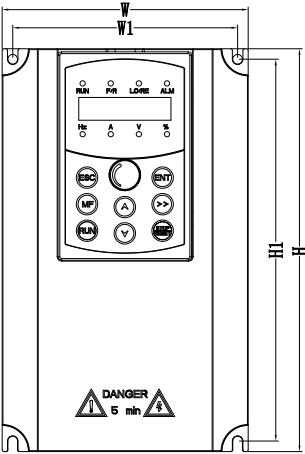
1.2.2

1-2

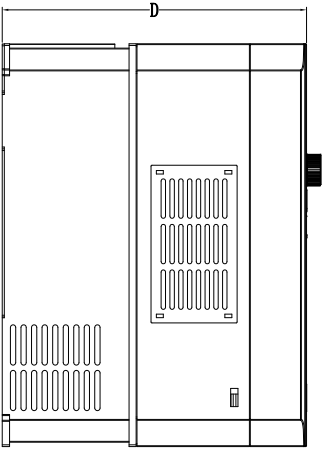
		220VAC ± 15% 660VAC ± 15%	380VAC ± 15%
		50 60Hz ± 5%	
		0	
		0 600Hz, 0.01Hz	
		150%1 180%10 200%1	
		V/F PG	/
		1:10000 PG	
		± 0.5% V/F ± 0.2% PG	
		±0.3% PG	
		<10ms PG	
		5% PG	
		0Hz/200% PG	
		0.00 10.00Hz	
		0.1 3000.0s	
		1.0KHz 16.0KHz	
		UP/DOWN	

		1%				
		5	95%			
		0	2000	1000	100	
		1%				
		0.5g				
		-40 +70				

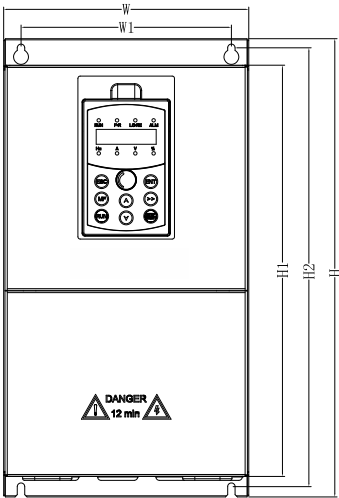
1.3



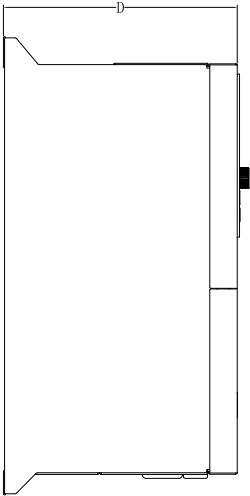
a)



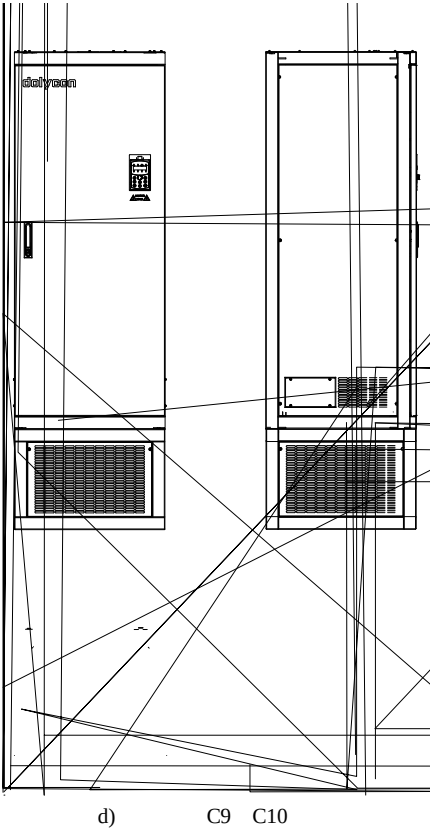
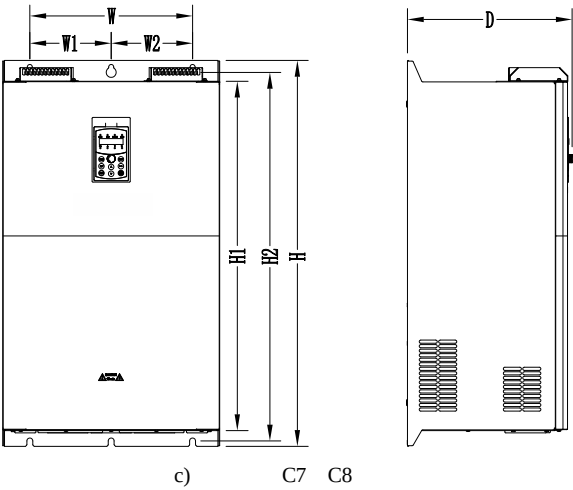
C1,C2



b)



C3~C6

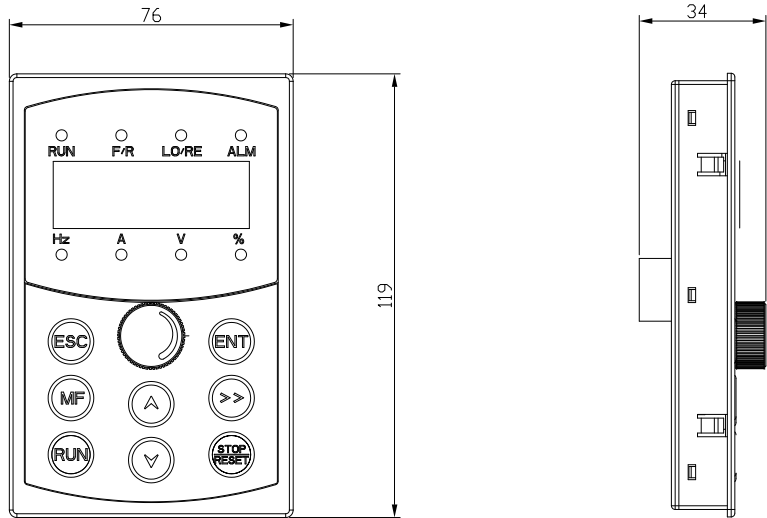


	mm						(mm)	kg	
	W	H	D	W1	H1	H2			
CT300-2S-0.7G-B	140	230	172	128	218	---	5.5	3.5	C1
CT300-2S-1.5G-B									
CT300-2S-2.2G-B									
CT300-4T-0.7G-B									
CT300-4T-1.5G-B									
CT300-4T-2.2G-B									
CT300-4T-4.0G-B									
CT300-4T-5.5G-B	165	285	200	153	273	---	5.5	5.2	C2
CT300-4T-7.5G-B									
CT300-4T-11G-B									
CT300-4T-15G-B	214	402	205	184	360	385	7	11.5	C3
CT300-4T-18.5G-B									
CT300-4T-22G-B									
CT300-4T-30G	250	442	230	220	405	425	7	19	C4
CT300-4T-37G									
CT300-4T-45G	299	602	276	240	540	580	9	30	C5
CT300-4T-55G									
CT300-4T-75G	329	660	332	250	601	640	9	56	C6
CT300-4T-90G									
CT300-4T-110G									
CT300-4T-132G	480	853	354	180	772	826	11	110	C7
CT300-4T-160G									
CT300-4T-185G									
CT300-4T-200G									
CT300-4T-220G	680	940	355	240	850	900	13	165	C8
CT300-4T-250G									
CT300-4T-280G									
CT300-4T-315G									
CT300-4T-355G	600	1900	600	520	548	---	14	355	C9
CT300-4T-400G									
CT300-4T-500G									
CT300-4T-630G	800	1800	800	720	734	---	18	380	C10
CT300-4T-710G	600*2	1900*2	600	520	548*2	---	14	420*2	C9*2
CT300-4T-800G									
CT300-4T-1000G									
CT300-6T-22	300	600	280	240	540	580	9	30	C5
CT300-6T-30									
CT300-6T-37									
CT300-6T-45									

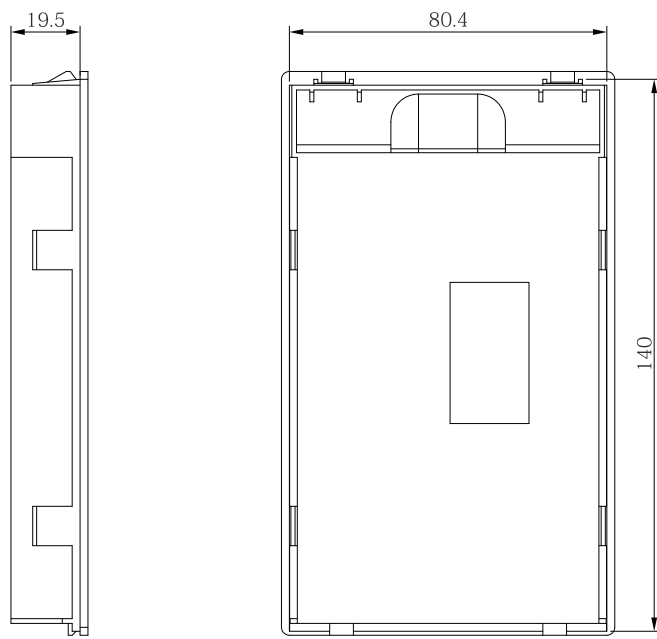
CT300

	mm						(mm)	kg	
	W	H	D	W1	H1	H2			
CT300-6T-55	330	660	330	250	600	640	9	56	C6
CT300-6T-75									
CT300-6T-90									
CT300-6T-110									
CT300-6T-132									
CT300-6T-160	485	850	355	180	772	826	11	110	C7
CT300-6T-185									
CT300-6T-200									
CT300-6T-220									
CT300-6T-250									
CT300-6T-280	680	940	355	240	850	900	13	165	C8
CT300-6T-315									
CT300-6T-355									
CT300-6T-400									
CT300-6T-500									
CT300-6T-560	600	1900	600	520	548	---	14	355	C9
CT300-6T-630									
CT300-6T-710									
CT300-6T-800									
CT300-6T-1000									
CT300-6T-1250	600*2	1900*2	600	520	548*2	---	14	420*2	C9*2

1.4



1-3 (mm)



1-4

mm
30m

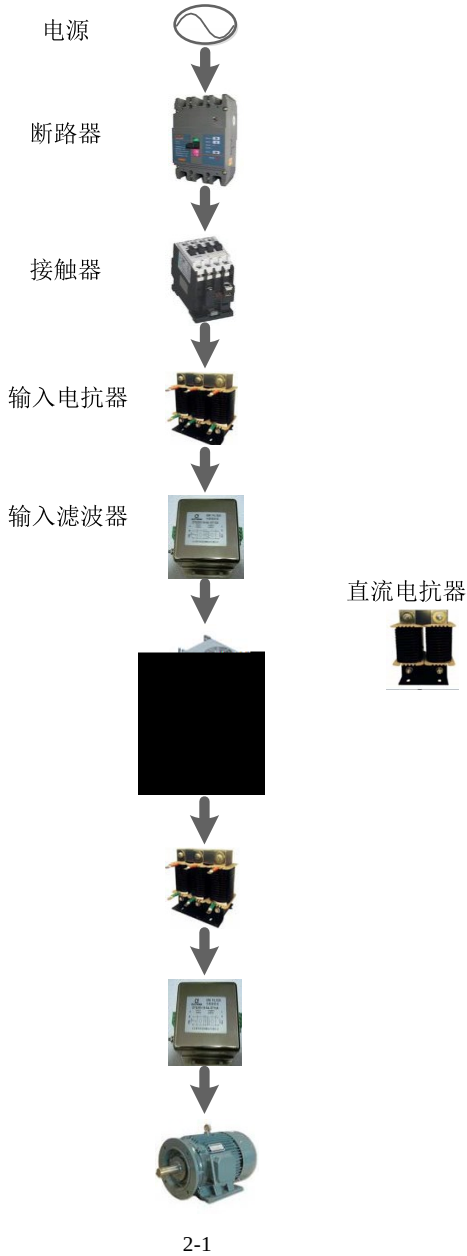
2.1

1	-10	+40	40	
2		≤ 95%		
3	0.5g			
4				
5		1000m		1000m
	100m		1%	
6				
7				
8				
9				
10				
11				

2.2

2.2.1

	2-1
	2
	PWM
	50



2.2.3

2-2

	m ²	(A)	A	/	
CT300-2S-0.7G-B	2.5	16	10	0.3	200
CT300-2S-1.5G-B	4	20	16	0.3	150
CT300-2S-2.2G-B	4	32	25	0.3	85
CT300-4T-0.7G-B	2.5	10	10	0.3	320
CT300-4T-1.5G-B	2.5	16	10	0.3	250
CT300-4T-2.2G-B	2.5	16	10	0.3	150
CT300-4T-4.0G-B	4	25	16	0.75	85
CT300-4T-5.5G-B	4	32	25	1	58
CT300-4T-7.5G-B	4	40	32	1.3	43
CT300-4T-11G-B	4	63	40	1.8	32
CT300-4T-15G-B	6	63	40	2.5	25
CT300-4T-18.5G-B	6	100	65	3	20
CT300-4T-22G-B	10	100	65	5	7.5
CT300-4T-30G	16	125	80	6	13
CT300-4T-37G	16	160	80	7.5	10
CT300-4T-45G	25	200	95	8.5	8
CT300-4T-55G	35	200	125	12	7
CT300-4T-75G	50	250	160	14	5.3
CT300-4T-90G	70	250	160	16	4.5
CT300-4T-110G	95	350	350	21	3.7
CT300-4T-132G	150	400	400		
CT300-4T-160G	185	500	400		
CT300-4T-185G	240	630	400		
CT300-4T-200G	150*2	630	630		
CT300-4T-220G	150*2	630	630		
CT300-4T-250G	185*2	800	630		
CT300-4T-280G	150*3	800	800		
CT300-4T-315G	150*3	800	800		
CT300-4T-355G	150*3	1280	960		
CT300-4T-400G	150*4	1380	1035		
CT300-4T-500G	150*4	1720	1290		
CT300-6T-22	6	63	40	15	15
CT300-6T-30	6	100	65		
CT300-6T-37	10	100	65		
CT300-6T-45	16	125	80		
CT300-6T-55	16	160	80		
CT300-6T-75	25	200	95		

CT300

	m ²	(A)	A	/
CT300-6T-90	35	200	125	
CT300-6T-110	50	250	160	
CT300-6T-132	70	250	160	
CT300-6T-160	95	350	350	
CT300-6T-185	150	400	400	
CT300-6T-200	185	500	400	
CT300-6T-220	240	630	400	
CT300-6T-250	150*2	630	630	
CT300-6T-280	150*2	630	630	
CT300-6T-315	185*2	800	630	
CT300-6T-355	150*3	800	800	
CT300-6T-400	150*3	800	800	
CT300-6T-500	150*3	1280	960	
CT300-6T-560	150*4	1380	1035	
CT300-6T-630	150*4	1720	1290	

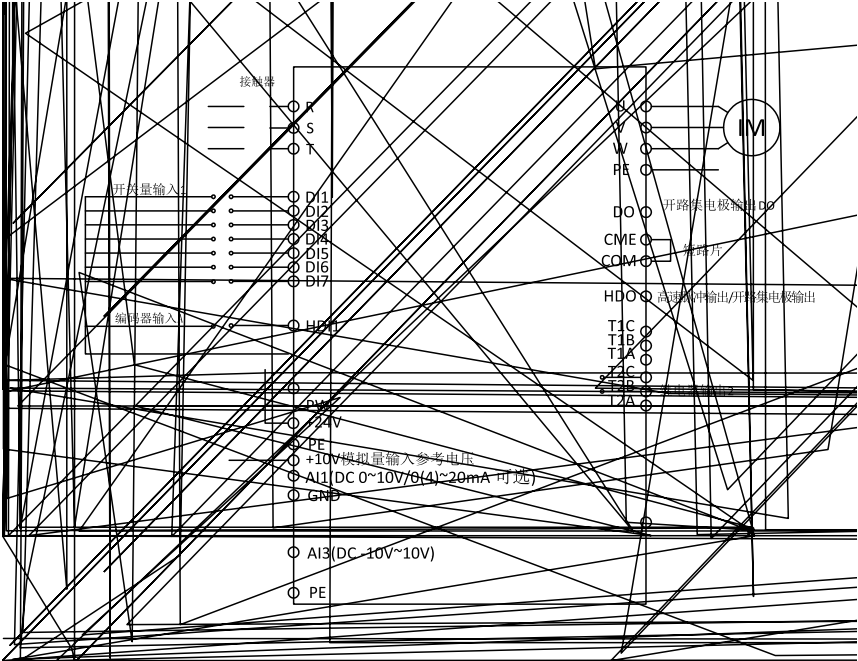
2.3

2.3.1

2-3

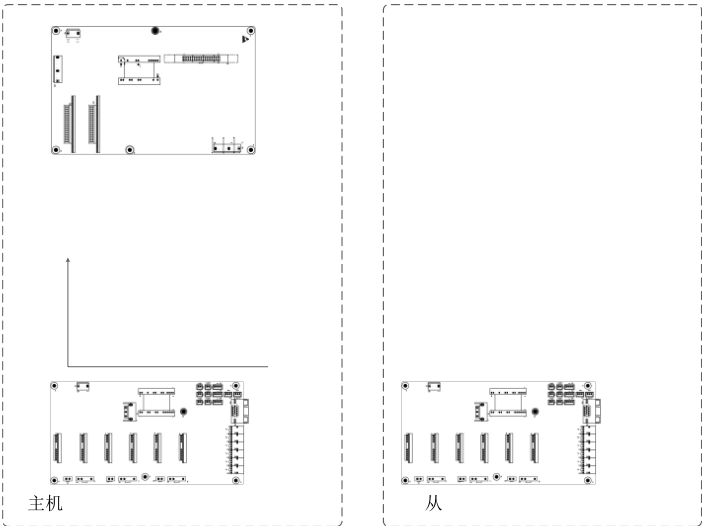
R S T	
(+)	
(-)	
PB	(+) PB
P1	(+) P1
U V W	
⊕	(PE)

2.3.2

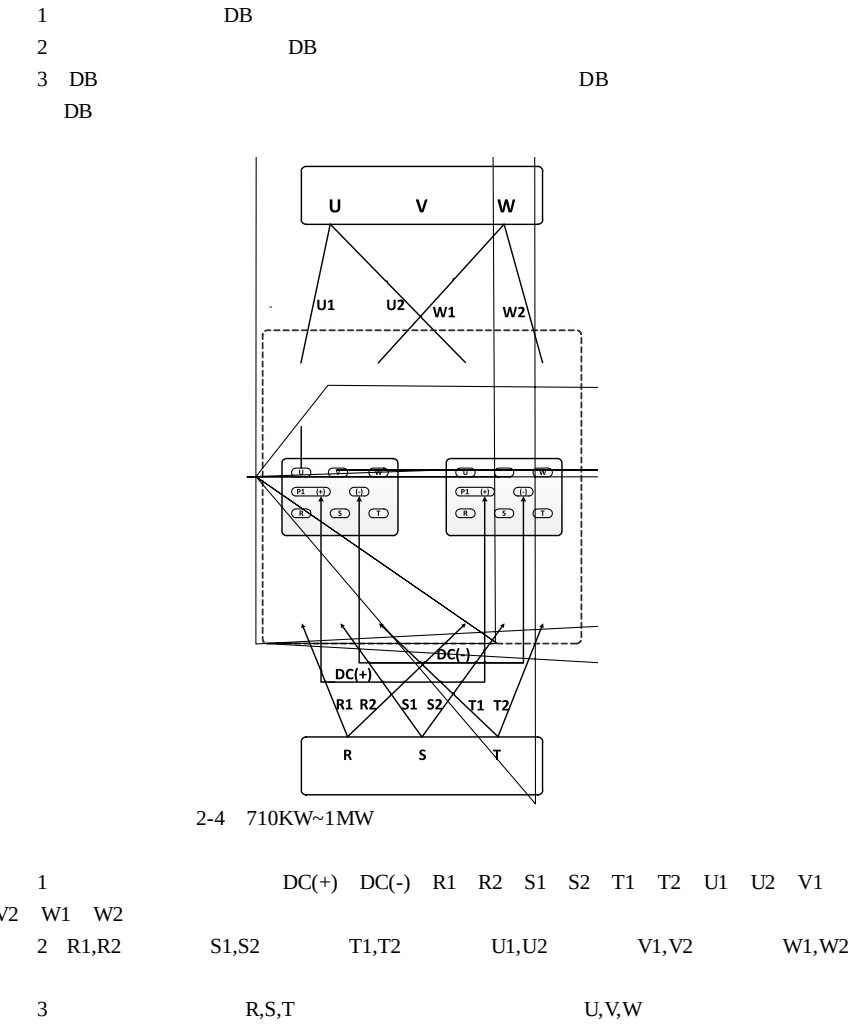


2-2

2.3.3 710KW~1MW



2-3 710KW~1MW



2.4

2.4.1

PE
20cm

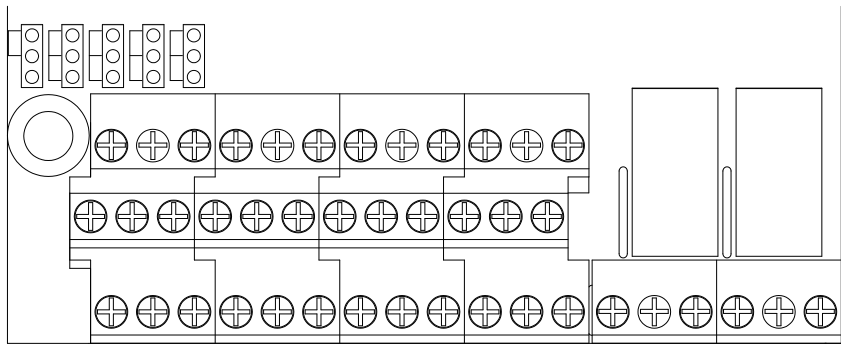


2.4.3

2-4

X1	RS485				
	 X1 RS485	X1 1 2	RS485	120	
X2	1				
	 X2 AIN1	X2 1 2 X2 2 3	1 1 0 10V 0 20mA		
X3	2				
	 X3 AIN2	X3 1 2 X3 2 3	2 2 0 10V 0 20mA		
X4	1				
	 X4 AO1	X4 1 2 X4 2 3	1 1 0 10V 0 20mA		
X5	2				
	 X5 AO2	X5 1 2 X5 2 3	2 2 0 10V 0 20mA		
X7	1				
X8	2				
X9					
X11					
X12					
X13	CPU				
X14	CPU				
X15	CPU				

2.4.4



2-5

AI1	AI2	AI3	DI1	DI2	DI3	DI4	DI5	DI6	DI7	DI8	DI9	
+10V	GND	AO1	AO2	GND	COM	HDO	HDI1	HDI2	COM	DO	COM	
PE	485+	485-	COM	PW	+24V	+24V	P_HDI1	P_HDI2	COM	CME	COM	

2-6

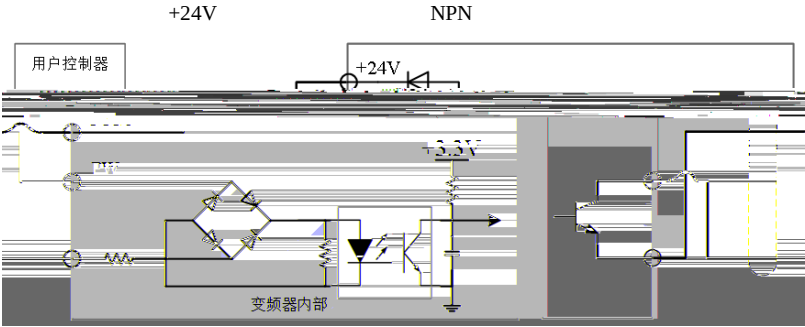
2.4.5

2-5

	+24V	+24V	24V ± 10% GND 200mA
	PW	()	+24V
	DI1 DI9	1 9	24V 5mA
	HDI1 HDI2 PHDI1, PHDI2	24V HDI1	24V HDI1 A- A+ PW_HDI1 HDI2 B+ PW_HDI2 B- 24V 24V GND COM
	COM	+24V	GND
	DO	CME	0 24V
	CME		COM
	HDO	COM	0 50KHz
	COM	HDO	GND
	+10V	+10V	0 50mA +10V GND 2K

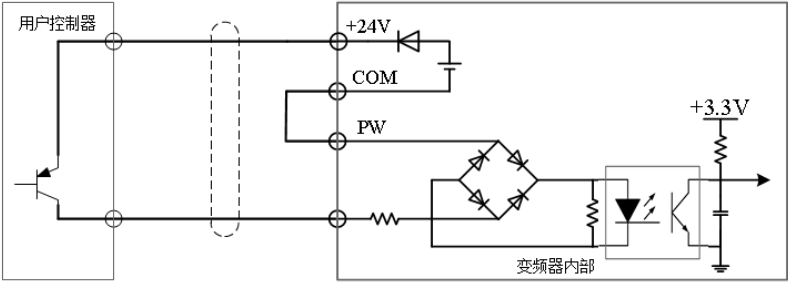
	AI1	1	0V 10V 0 20mA
	AI2	2	0V 10V 0 20mA
	AI3	2	-10V 10V
	GND		COM
	A01 A02		0 10V 0 20mA
	GND		COM
	T1A/T1B/T1C		T1A-T1B T1A-T1C 250VAC/3A 30VDC/1A
	T2A/T2B/T2C		T2A-T2B T2A-T2C 250VAC/3A 30VDC/1A
	485+/485-	RS485	RS485

2.4.6



2-7 NPN

+24V PNP

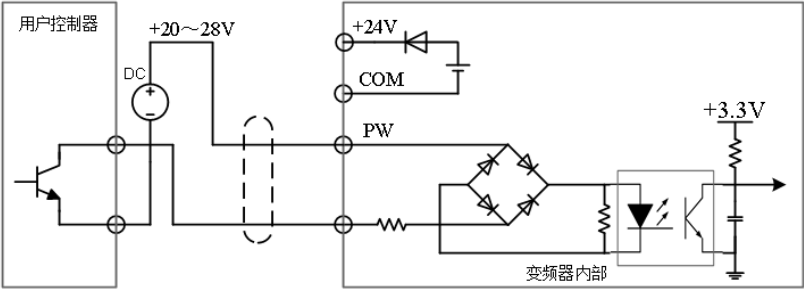


2-8 PNP

+24V PW

PW COM

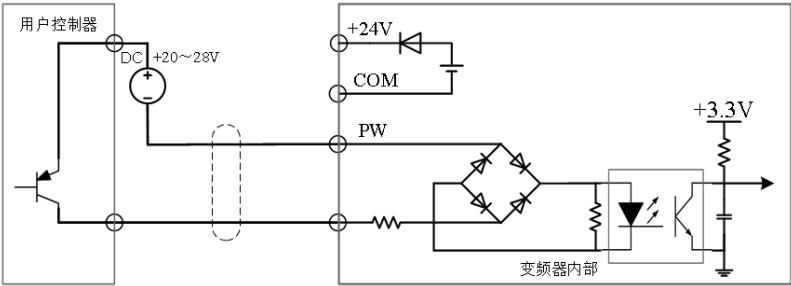
NPN



2-9 NPN

+24V PW

PNP



2-10 PNP

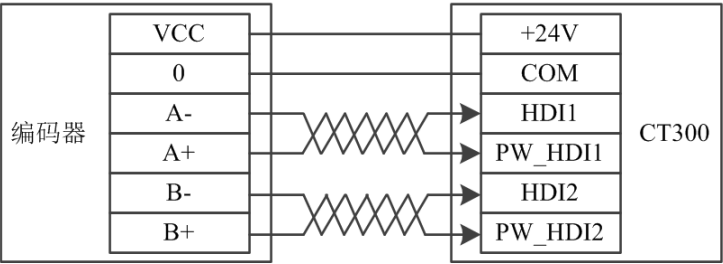
+24V PW

2.4.6

CT300

1 24V

24V



2-11

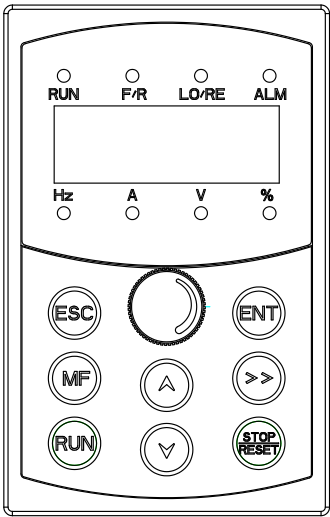
24V



2-12

3.1

/



3-1

3.1.1

3-1

	Hz		Hz
	A		A
	V		V
	%		
	RUN		
	F/R		
	LO/RE		
	ALM		

3.1.2

5 LED

3.1.3

3-2

	/	
		[2]
		
		,
		[1]
	/	[3]
		
		
		

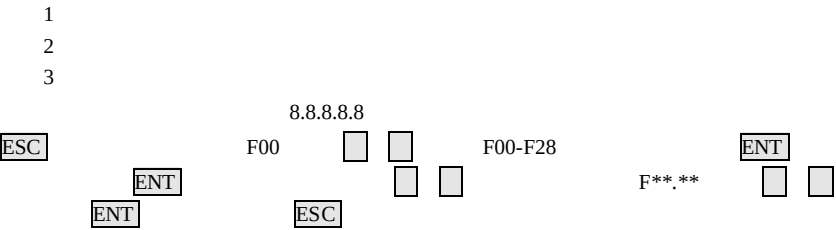
[1] ;

[2] F05.04 ;

[3]

3.2

3.2.1

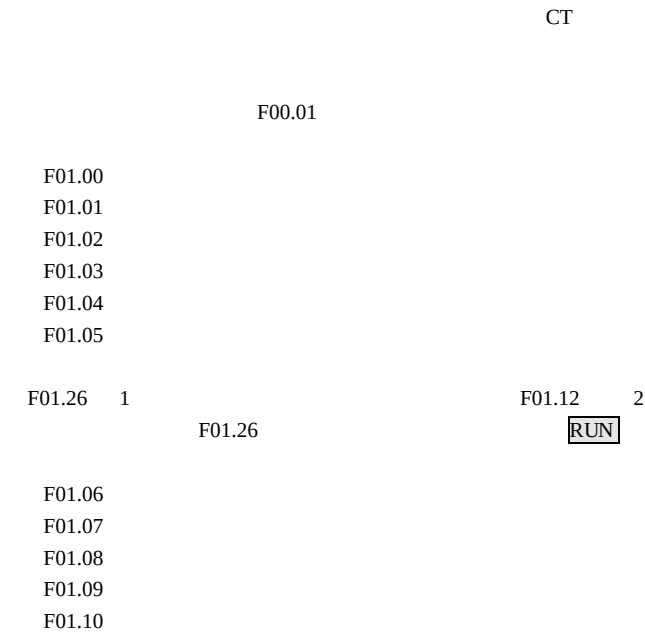


- 1
- 2

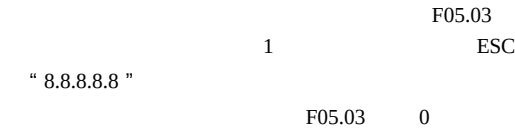
3.2.2



3.2.3

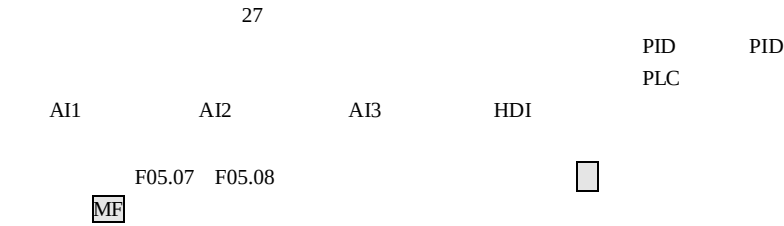


3.2.4

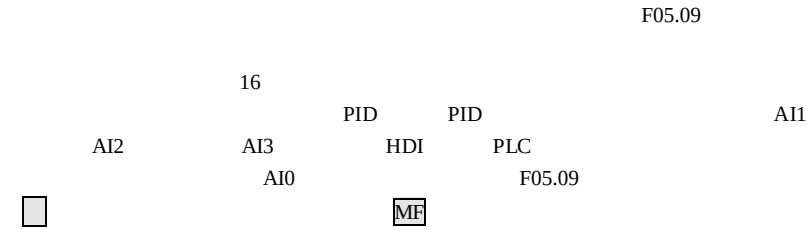


3.3

3.3.1



3.3.2



3.3.3

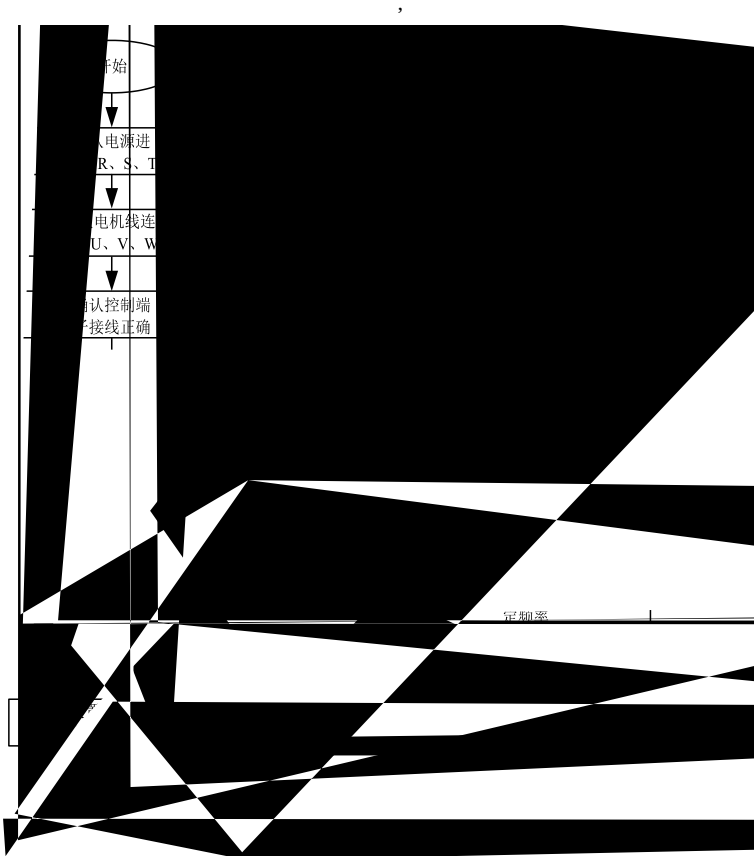


3.4



显示 字符	字符 含义	显示 字符	字符 含义	显示 字符	字符 含义	显示 字符	字符 含义
□	0	□	1	□	2	□	3

3.5



CT300	F00	F27	28	F28
	" F08.08 "			F08
8	F28			
1				
1	"		"	
2	"		"	
3	"		"	
4	"		"	
5	"		"	
"	○	"		
"		"		
"	●	"		
2				
"		"	DEC	
			0	F
3				
"		"		
4				
F05.03		0	ESC	
		" 0. 0. 0. 0. 0. "		
5				
			F05.03	0
	F05.03	0		
5	485			

4-1

F00					
F00.00		2 V/F 3 PG	2~3	2	
F00.01		0 LED 1 LED 2 LED	0~2	0	○
F00.02		0 MODBUS 1 PROFIBUS/CANopen 2 3	0~3	0	○
F00.03	X	0: 1 AI0 2: AI1 3: AI2 4: AI3 5: HDI 6: PLC 7: 8:PID 9:MODBUS 10:PROFIBUS/CANopen 11:	0~11	0	○
F00.04	Y	0 1 AI0 2 AI1 3 AI2 4 AI3 5 HDI 6 PLC 7 8 PID 9 485 10 PROFIBUS/CANopen 11	0~11	2	○
F00.05	Y	0 1 X	0~1	0	○
F00.06		0 X 1 Y 2 X+Y	0~5	0	○

		3 X-Y 4 Max X Y 5 Min X Y			
F00.07		F00.08~600.00Hz 400.00Hz	F00.08~600.00	50.00Hz	
F00.08		F00.09~F00.07	F00.09~F00.07	50.00Hz	
F00.09		0.00Hz~F00.08	0.00~F00.08	0.00Hz	
F00.10		0.00Hz~F00.07	0.00~F00.07	50.00Hz	○
F00.11	1	0.0~3000.0s	0.0~3000.0	20.0	○
F00.12	1	0.0~3000.0s	0.0~3000.0	20.0	○
F00.13		0 1 2	0~2	0	○
F00.14		1.0~15.0kHz	1.0~15.0	8.0	○
F00.15	AVR	0 1	0~1	1	○
F00.16	PWM	0x00~0x21 LED FWM 0 FWM 1 1 FWM 2 LED FWM 0 1 1 2 2	00~21	01	
F00.17		0 G	0~1	0	
F01 1					
F01.00	1	0 1	0~1	0	
F01.01	1	0.1~3000.0kW	0.1~3000.0	0.4	
F01.02	1	0.01Hz~F00.07	0.01~F00.07	50.00Hz	
F01.03	1	1~36000rFm	1~36000	1400	
F01.04	1	0~1200V	0~1200	380	
F01.05	1	0.8~6000.0A	0.8~6000.0	1.0	
F01.06	1	0.001~65.535Ω	0.001~65.535	0.001	○
F01.07	1	0.001~65.535Ω	0.001~65.535	0.001	○
F01.08	1	0.1~6553.5mH	0.1~6553.5mH	0.1	○

F01.09	1	0.1~6553.5mH	0.1~6553.5mH	0.1	○
F01.10	1	0.1~6553.5A	0.1~6553.5	0.1	○
F01.11	11	0.0~100.0%	0.0~100.0	80.0%	○
F01.12	12	0.0~100.0%	0.0~100.0	68.0%	○
F01.13	13	0.0~100.0%	0.0~100.0	57.0%	○
F01.14	14	0.0~100.0%	0.0~100.0	40.0%	○
F01.15	1	0.1~3000.0kW	0.1~3000.0	0.4	
F01.16	1	0.01Hz~F00.07	0.01~F00.07	50.00Hz	
F01.17	1	1~50	1~50	2	
F01.18	1	0~1200V	0~1200	380	
F01.19	1	0.8~6000.0A	0.8~6000.0	1.0	
F01.20	1	0.001~65.535Ω	0.001~65.535	0.001	○
F01.21	1	0.01~655.35mH	0.01~655.35	0.01	○
F01.22	1	0.01~655.35mH	0.01~655.35	0.01	○
F01.23	1	0~10000	0~10000	300	○
F01.24	1	0x0000~0xFFFF	0000~FFFF	0	●
F01.25	1	0%~50%	0~50	10%	●
F01.26		012312	0~3	0	
F01.27	1	012	0~2	2	
F01.28	1	20.0%~120.0%	20.0~120.0	100.0%	○
F01.29	1	0.00~3.00	0.00~3.00	1.00	○
F01.30	1	01	0~1	0	○
F02					
F02.00		012	0~2	0	
F02.01		0.0~60.0s	0.0~60.0	0.0s	○
F02.02		0.00~50.00Hz	0.00~50.00	0.50Hz	
F02.03		0.0~50.0s	0.0~50.0	0.0s	
F02.04		0.0~100.0%	0.0~100.0	0.0%	
F02.05		0.00~50.00s	0.00~50.00	0.00s	

F02.06		0 1 S	0~1	0	
F02.07	S	0.0~50.0%	0.0~50.0	30%	
F02.08	S	0.0~50.0%	0.0~50.0	30%	
F02.09		0 1	0~1	0	○
F02.10		0 1	0~1	0	○
F02.11		0.0~3000.0s(F02.10=1)	0.0~3000.0	1.0s	○
F02.12		0 1	0~1	0	○
F02.13		0.0~3000.0s	0.0~3000.0	0.0s	○
F02.14		0 1 2	0~2	0	
F02.15		0.00~F00.07	0.00~F00.07	0.00Hz	○
F02.16		0.00~50.00s	0.00~50.00	0.00s	○
F02.17		0.0~100.0%	0.0~100.0	0.0%	○
F02.18		0.00~50.00s	0.00~50.00	0.00s	○
F02.19		0.00~100.00Hz	0.00~100.00	0.50Hz	
F02.20		0.0~100.0s	0.0~100.0	0.0s	○
F02.21		0 1	0~1	1	
F02.22		0.00~100.00s F02.21=1	0.00~100.00	0.50s	
F02.23	0Hz	0 1 2	0~2	0	○
F02.24	0	0 1 2	0~2	0	
F02.25		0.0~3000.0s(F02.24=2)	0.0~3000.0	0.0s	○
F02.26		0.0~3000.0s(F02.24=2)	0.0~3000.0	0.0s	○

F03 V/F					
F03.00	1 V/F		0 V/f 1 V/F 2 1.3 V/F 3 1.7 V/F 4 2.0 V/F 5 V/F V/F	0~5	0
F03.01	1		0.0% 0.1%~10.0%	0.0~10.0	1.0% ○
F03.02	1		0.0%~50.0% 1	0.0~50.0	20.0% ○
F03.03	1 V/F	1	0.00Hz~F03.05(1 V/F 2)	0.00Hz~F03.05	0.0Hz ○
F03.04	1 V/F	1	0.0%~110.0% 1	0~110	0.0% ○
F03.05	1 V/F	2	F03.03(1 V/F 1)~F03.07(V/F 3)	F03.03~F03.07	0.0Hz ○
F03.06	1 V/F	2	0.0%~110.0% 1	0~110	0.0% ○
F03.07	1 V/F	3	F03.05(1 V/F 2)~F01.02(1)	F03.05~F01.02	0.0Hz ○
F03.08	1 V/F	3	0.0%~110.0%(1)	0~110	0.0% ○
F03.09	1 V/F		0.0~200.0%	0.0~200.0	100.0% ○
F03.10	1		0~10.0	0~10.0	1.0 ○
F03.11	1		0~10.0	0~10.0	1.0 ○
F03.12	1		0.00Hz~F00.07	0.00Hz~F00.07	30.00Hz ○
F03.13	2 V/f		0 V/f 1 V/F 2 1.3 V/F 3 1.7 V/F 4 2.0 V/F 5 V/F V/F	0~5	0
F03.14	2		0.0% 0.1%~10.0%	0.0~10.0	0.0% ○
F03.15	2		0.0%~50.0% 2	0.0~50.0	20.0% ○
F03.16	2 V/F	1	0.00Hz~ 2 V/F 2	0.00~F03.18	0.00Hz ○

F03.17	2 V/F 1	0.0%~110.0% 2	0.0~110	0.0%	○
F03.18	2 V/F 2	2 V/F 1~V/F 3	F03.16~F03.20	0.00Hz	○
F03.19	2 V/F 2	0.0%~110.0% 2	0.0~110	0.0%	○
F03.20	2 V/F 3	2 V/F 2~ 2	F03.18~F14.02	0.00Hz	○
F03.21	2 V/F 3	0.0%~110.0% 2	0.0~110	0.0%	○
F03.22	2 V/f	0.0~200.0%	0.0~200.0	100.0%	○
F03.23	2	0~100	0~10.0	1.0	○
F03.24	2	0~100	0~10.0	1.0	○
F03.25	2	0.00Hz~F00.07	0.00Hz~F00.07	30.00Hz	○
F03.26		1.00~1.30	1.00~1.30	1.00	○
F03.27		0 1	0~1	0	
F03.28					○
F03.29					○
F03.30					○
F03.31					○
F03.32		F03.33()~100.0%	F03.33~100.0	100.0%	
F03.33		0.0%~F03.32	0.0~F03.32	0.0%	
F04					
F04.00	1	0~200.0	0~200.0	20.0	○
F04.01	1	0.000~10.000s	0.000~10.000	0.200s	○
F04.02		0.00Hz~F04.05	0.00~F04.05	5.00Hz	○
F04.03	2	0~200.0	0~200.0	20.0	○
F04.04	2	0.000~10.000s	0.000~10.000	0.200s	○
F04.05		F04.02~F00.07	F04.02~F00.07	10.00Hz	○
F04.06		0~8 0--2^8/10ms	0~8	0	○
F04.07		50%~200%	50~200	100%	○
F04.08		50%~200%	50~200	100%	○
F04.09	KP	0~65535	0~65535	1000	○
F04.10	KI	0~65535	0~65535	1000	○
F04.11		0.000~10.000s	0.000~10.000s	0.000s	○
F04.12		0.1~2.0	0.1~2.0	10.0	○

F04.13		10%~100%	10~100	10%	○
F04.14		0.0~120.0%	0.0~120.0	100.0%	
F04.15					
F04.16		0 1 F03.12 2 AI0 100% 3 3 AI1 100% 3 4 AI2 5 AI3 6 HDI 7 8 MODBUS 9 PROFIBUS/CANoFen 10 11	0~11	0	○
F04.17		-300.0%~300.0%	-300.0~300.0	50.0%	○
F04.18		0.000~10.000s	0.000~10.000s	0.010s	○
F04.19		0 F04.21 1 AI0 100% 2 AI1 100% 3 AI2 4 AI3 5 HDI 6 7 MODBUS 8 PROFIBUS/CANoFen	0~10	0	○

		9			
		10			
F04.20		0 F04.22 1 AI0 100% 2 AI1 100% 3 AI2 4 AI3 5 HDI 6 7 MODBUS 8 PROFIBUS/CANoFen 9 10	0~10	0	○
F04.21		0.00Hz~F00.07	0.00~F00.07	50.00Hz	○
F04.22		0.00Hz~F00.07	0.00~F00.07	50.00Hz	○
F04.23		0 F04.25 F04.26 1 AI0 100% 3 2 AI1 100% 3 3 AI2 () 4 AI3 () 5 HDI () 6 MODBUS 7 PROFIBUS/CANoFen	0~9	0	○

		8			
		9			
F04.24		0 F04.25F04.26 1 AI0 100% 3 2 AI1 100% 3 3 AI2 () 4 AI3 () 5 HDI () 6 MODBUS 7 PROFIBUS/CANoFen 8 9	0~9	0	○
F04.25		0.0~300.0%	0.0~300.0	180.0%	○
F04.26		0.0~300.0%	0.0~300.0	180.0%	○
F04.27		0 1	0~1	0	○
F04.28		0.0~100.0%	0.0~100.0	0.0%	○
F04.29		0.0~100.0%	0.0~100.0	0.0%	○
F04.30		0~8000	0~8000	1200	○
F04.31		0~8000	0~8000	1200	○
F04.32		0~2 0 1 0 0 1 1	0~0x112	0	○
F04.33		0 1	0~1	1	○

F04.34		0~20000	0~20000	1000	○
F04.35		0~20000	0~20000	1000	○
F04.36		0.0~100.0%	0~100.0%	100.0%	○
F05					
F05.00		0 1	0~1	0	
F05.01		0 1 2	0~2	0	
F05.02		0 1 2 3 4 F02 F12 F02 F12 1~4 0 F29	0~4	0	
F05.03		0~65535	0~65535	0	○
F05.04	MF	0 1 2 3 4 5 6 7 UF/DOWN	0~7	1	
F05.05	MF	0 → 1 ↔ 2 ↔ 3 ↔	0~3	0	○
F05.06	STOP/RESET	0 1	0~3	0	○

		2			
		3			
F05.07	1	0x0000~0xFFFF BIT0 Hz BIT1 Hz BIT2 V BIT3 V BIT4 A BIT5 rpm BIT6 % BIT7 % BIT8 PID % BIT9 PID % BIT10 BIT11 BIT12 % BIT13 BIT14 BIT15 PLC	0~FFFF	0x03FF	○
F05.08	2	0x0000~0xFFFF BIT0 AI1 V BIT1 AI2 V BIT2 AI3 V BIT3 HDI BIT4 % BIT5 % BIT6 Hz BIT7 BIT8 BIT9 Hz BIT10 AI0 V BIT11~15	0000~FFFF	0x0000	○
F05.09		0x0000~0xFFFF BIT0 Hz	0000~FFFF	0x00FF	○

		BIT1 V BIT2 BIT3 BIT4 PID % BIT5 PID % BIT6 % BIT7 AI1 V BIT8 AI2 V BIT9 AI3 V BIT10 HDI BIT11 PLC BIT12 BIT13 BIT14 Hz BIT15 AI0 V			
F05.10		0~59999 ℃(k)	0~59999	0 °	○
F05.11		0.0~999.9 °	0~999.9	0.0 °	○
F05.12		0.01~10.00 = *F07.08	0.01~10.00	1.00	○
F05.13		0.1~999.9% =60* × /	0.1~999.9%	100.0%	○
F05.14		0.1~999.9% = × F05.14	0.1~999.9%	1.0%	○
F05.15		-20.0~120	-20.0~120	0.0	●
F05.16		-20.0~120	-20.0~120	0.0	●
F05.17		1.00~655.35	0.00~655.35	1.04	●
F05.18		0~65535h	0~65535	0	●
F05.19		0~65535 ° *1000	0~65535	0	●
F05.20		0.0~999.9 °	0~999.9	0.0	●
F05.21		0 G 1 P	0~1	0	●
F05.22		0.0~3000.0kW	0.0~3000.0	0.0	●
F05.23		0~1200V	0~1200	0V	●
F05.24		0.0~6000.0A	0.0~6000.0	0A	●

F05.25	1	0x0000~0xFFFF	0x0000~0xFFFF	0x0000	●
F05.26	2	0x0000~0xFFFF	0x0000~0xFFFF	0x0000	●
F05.27	3	0x0000~0xFFFF	0x0000~0xFFFF	0x0000	●
F05.28	4	0x0000~0xFFFF	0x0000~0xFFFF	0x0000	●
F05.29	5	0x0000~0xFFFF	0x0000~0xFFFF	0x0000	●
F05.30	6	0x0000~0xFFFF	0x0000~0xFFFF	0x0000	●
F05.31					●
F05.32					●
F05.33		0~65535	0~65535	0	
F05.34	1	0~65535	0~65535	0	
F05.35	2	0~65535	0~65535	0	
F05.36	3	0~65535	0~65535	0	
F05.37		0~65535	0~65535	0	
F05.38		0~65535	0~65535	0	
F05.39	1	0~65535	0~65535	0	
F05.40	2	0~65535	0~65535	0	
F05.41	3	0~65535	0~65535	0	
F06					
F06.00	HDI1 HDI2	0 1 2 HDI1 HDI2 QEP	0~2	2	
F06.01	DI1	0 1 2 3 4 5	0~63	1	
F06.02	DI2	6 7 8 9 10 11 DOWN	0~63	4	
F06.03	DI3	12 13 A B 14 A 15 B	0~63	7	
F06.04	DI4	16 1 17 2 18 3 19 4	0~63	0	

F06.05	DI5	20 21 22 23 PLC 24 PLC	0~63	0	
F06.06	DI6	25 PID 26 27	0~63	0	
F06.07	DI7	28 29 30 31	0~63	0	
F06.08	DI8	32 33 34 35 1 2	0~63	0	
F06.09	DI9	36 37 38 39 40 41 42~60 61 PID 62~63	0~63	0	
F06.10					
F06.11		0x000~0x3FF	0x000~0x3FF	0x000	○
F06.12		0.000~1.000s	0.000~1.000	0.010s	○
F06.13		0 1 MODBUS 2 PROFIBUS 3 4 CAN	0x000~0x4FF	0x000	
F06.14		0 1 1 2 2 1 3 2	0~3	0	
F06.15	DI1	0.000~50.000s	0.000~50.000	0.000s	○
F06.16	DI1	0.000~50.000s	0.000~50.000	0.000s	○
F06.17	DI2	0.000~50.000s	0.000~50.000	0.000s	○

F06.18	DI2	0.000~50.000s	0.000~50.000	0.000s	○
F06.19	DI3	0.000~50.000s	0.000~50.000	0.000s	○
F06.20	DI3	0.000~50.000s	0.000~50.000	0.000s	○
F06.21	DI4	0.000~50.000s	0.000~50.000	0.000s	○
F06.22	DI4	0.000~50.000s	0.000~50.000	0.000s	○
F06.23	DI5	0.000~50.000s	0.000~50.000	0.000s	○
F06.24	DI5	0.000~50.000s	0.000~50.000	0.000s	○
F06.25	DI6	0.000~50.000s	0.000~50.000	0.000s	○
F06.26	DI6	0.000~50.000s	0.000~50.000	0.000s	○
F06.27	DI7	0.000~50.000s	0.000~50.000	0.000s	○
F06.28	DI7	0.000~50.000s	0.000~50.000	0.000s	○
F06.29	DI8	0.000~50.000s	0.000~50.000	0.000s	○
F06.30	DI8	0.000~50.000s	0.000~50.000	0.000s	○
F06.31	DI9	0.000~50.000s	0.000~50.000	0.000s	○
F06.32	DI9	0.000~50.000s	0.000~50.000	0.000s	○
F06.33	HDI1	0.000~50.000s	0.000~50.000	0.000s	○
F06.34	HDI1	0.000~50.000s	0.000~50.000	0.000s	○
F06.35	AI0	0.00V~F06.37	0.00~F06.37	0.00V	○
F06.36	AI0	-100.0%~100.0%	-100.0~100.0	0.0%	○
F06.37	AI0	F06.35~10.00V	F06.35~10.00	10.00V	○
F06.38	AI0	-100.0%~100.0%	-100.0~100.0	100.0%	○
F06.39	AI0	0.000s~10.000s	0.000~10.000	0.100s	○
F06.40	AI1	0.00V~F06.42	0.00~F06.42	0.00V	○
F06.41	AI1	-100.0%~100.0%	-100.0~100.0	0.0%	○
F06.42	AI1	F06.40~10.00V	F06.40~10.00	10.00V	○
F06.43	AI1	-100.0%~100.0%	-100.0~100.0	100.0%	○
F06.44	AI1	0.000s~10.000s	0.000~10.000	0.100s	○
F06.45	AI2	0.00V~F06.47	0.00V~F06.47	0.00V	○
F06.46	AI2	-100.0%~100.0%	-100.0~100.0	0.0%	○
F06.47	AI2	F06.45~10.00V	F06.45~10.00	10.00V	○
F06.48	AI2	-100.0%~100.0%	-100.0~100.0	100.0%	○
F06.49	AI2	0.000s~10.000s	0.000~10.000	0.100s	○
F06.50	AI3	-10.00V~F06.52	-10.00~F06.52	-10.00V	○
F06.51	AI3	-100.0%~100.0%	-100.0~100.0	-100.0%	○
F06.52	AI3	F06.50~F06.54	F06.50~F06.54	0.00V	○
F06.53	AI3	-100.0%~100.0%	-100.0~100.0	0.0%	○
F06.54	AI3	F06.52~10.00V	F06.52~10.00	10.00V	○
F06.55	AI3	-100.0%~100.0%	-100.0~100.0	100.0%	○
F06.56	AI3	0.000s~10.000s	0.000~10.000	0.100s	○
F07					
F07.00	HDO	0	0~1	0	
		1			
F07.01	DO	0	0~30	0	○

F07.02	HDO	1	0~30	0	○
F07.03	T1	2	0~30	1	○
F07.04	T2	3	0~30	5	○
		4:			
		5			
		6			
		7			
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		19			
		20			
		21			
		22			
		23			
		24			
		25			
		26			
		27~30			
F07.05		0~F	0~F	0	○
F07.06	DO	0.000~50.000s	0.000~50.000	0.000s	○
F07.07	DO	0.000~50.000s	0.000~50.000	0.000s	○
F07.08	HDO	0.000~50.000s	0.000~50.000	0.000s	○
F07.09	HDO	0.000~50.000s	0.000~50.000	0.000s	○
F07.10	T1	0.000~50.000s	0.000~50.000	0.000s	○
F07.11	T1	0.000~50.000s	0.000~50.000	0.000s	○
F07.12	T2	0.000~50.000s	0.00~50.00	0.000s	○
F07.13	T2	0.000~50.000s	0.00~50.00	0.000s	○
F07.14	AO1	0	0~30	0	○
F07.15	AO2	1	0~30	0	○
		2			
		3			
		4			

F07.16	HDO	5	0~30	0	○
		6			
		7			
		8			
		9			
		10 AI1			
		11 AI2			
		12 AI3			
		13 HDI			
		14 MODBUS			
		1 MODBUS			
		15 MODBUS			
		2			
		16			
		PROFIBUS/CANoFen			
		1			
		17			
		PROFIBUS/CANoFen			
		2			
		18 1			
		19 2			
		20			
		21			
		22			
		23			
		24~30			
F07.17	AO1	-100.0%~F07.19	-100.0~F07.19	0.0%	○
F07.18	AO1	0.00V~10.00V	0.00~10.00	0.00V	○
F07.19	AO1	F07.17~100.0%	F07.17~100.0	100.0%	○
F07.20	AO1	0.00V~10.00V	0.00~10.00	10.00V	○
F07.21	AO1	0.000s~10.000s	0.000~10.000	0.000s	○
F07.22	AO2	-100.0%~F07.24	-100.0~F07.24	0.0%	○
F07.23	AO2	0.00V~10.00V	0.00~10.00	0.00V	○
F07.24	AO2	F07.22~100.0%	F07.22~100.0	100.0%	○
F07.25	AO2	0.00V~10.00V	0.00~10.00	10.00V	○
F07.26	AO2	0.000s~10.000s	0.000~10.000	0.000s	○
F07.27	HDO 3	-100.0%~F07.29	-100.0%~F07.29	0.00%	○
F07.28	HDO	0.00~50.00kHz	0.00~50.00	0.0kHz	○
F07.29	HDO 3	F07.27~100.0%	F07.27~100.0	100.0%	○
F07.30	HDO	0.00~50.00kHz	0.00~50.00	50.00kHz	○
F07.31	HDO	0.000s~10.000s	0.000~10.000	0.000s	○

F08					
F08.00		0x00~0x11 LED 0 1 LED 0 1	00~11	11	○
F08.01		0 1	0~1	0	○
F08.02		0.00Hz~F00.07	0.00Hz~F00.07	10.00Hz/s	○
F08.03		0 1	0~1	1	○
F08.04		120~150% 380V 140% 220V 120%	120~150%	135%	○
F08.05		0x00~0x11 0 1 0 1	00~11	01	
F08.06		50.0%~200.0% G 160.0% P 120.0%	50.0~200.0	160.0%	
F08.07		0.00~50.00Hz/s	0.00~50.00	10.00Hz/s	
F08.08		0x000~0x131 LED 0 1 LED 0 1 2	000~131	0x000	○

		3			
		LED			
		0			
		1			
F08.09		F08.11~200% G 150% P 120%	F08.11~200	150%	○
F08.10		0.1~3000.0s	0.1~3000.0	1.0s	○
F08.11		0%~F08.09	0~F08.09	50%	○
F08.12		0.1~3000.0s	0.1~3000.0	1.0s	○
F08.13		0x00~0x11 LED 0 1 LED 0 1	00~11	0x00	○
F08.14		0.0~50.0%	0.0~50.0	10.0%	○
F08.15		0.0~10.0s 0.0	0.0~10.0	0.5s	○
F08.16		0~10	0~10	0	○
F08.17		0.1~3000.0s	0.1~3000.0	1.0s	○
F08.18		0 1 U E.oUt1 2 V E.oUt2 3 W E.oUt3 4 5 E.oC1 E.oC2	0`36	0	●
F08.19	1	6 E.oC3 7 E.oU1 8 E.oU2 9 E.oU3 10 E.LV 11 E.oL1	0`36	0	●
F08.20	2	12 E.oL2 13 E.oLF 14 E.oLF 15 E.oH1 16 E.oH2	0`36	0	●

F08.21	3	17 E.EF 18 485 E.485 19 E.ItE 20 E.AUT 21 EEFROM	0`36	0	●
F08.22	4	E.EPR 22 PID E.PdIS 23 24 E.bC E.END 25 E.oL3 26	0`36	0	●
F08.23	5	E.FCE 27 E.UFE 28 E.DNE 29 PROFIBUS E.DF 30 E.NET 31 CANoFen E.CAN 32 1 E.ETH1 33 2 E.ETH2 34 E.dEu 35 E.STo 36 E.LL	0`36	0	●
F08.24			0.00~655.35	0.00Hz	●
F08.25			0.00~655.35	0.00Hz	●
F08.26			0.00~655.35	0V	●
F08.27			0.00~655.35	0.0A	●
F08.28			0.00~655.35	0.0V	●
F08.29			-20.0~120	0.0	●
F08.30			0x0000~0xffff	0x0000	●
F08.31			0x0000~0xffff	0x0000	●
F08.32	1		0.00~655.35	0.00Hz	●
F08.33	1		0.00~655.35	0.00Hz	●
F08.34	1		0.00~655.35	0V	●
F08.35	1		0.00~655.35	0.0A	●
F08.36	1		0.00~655.35	0.0V	●

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F09.12		0.0~3000.0s	0.0~3000.0	1.0s	○
F09.13	PID	0x0000~0x1111 LED 0 1 LED 0 1 LED 0 1 A LED 0 A+B A 1 A+B A F08.04 4	0000~1111	0x0001	○
F09.14	KP	0.00~100.00	0.00~100.00	1.00	○
F09.15	PID	0.0~1000.0s	0.0~1000.0s	0.0s	○
F09.16	PID	0.000~10.000s	0.000~10.000s	0.000s	○
F10					
F10.00	1	0.00~F00.07	0.00~F00.07	0.00Hz	○
F10.01	1	0.00~F00.07	0.00~F00.07	0.00Hz	○
F10.02	2	0.00~F00.07	0.00~F00.07	0.00Hz	○
F10.03	2	0.00~F00.07	0.00~F00.07	0.00Hz	○
F10.04	3	0.00~F00.07	0.00~F00.07	0.00Hz	○
F10.05	3	0.00~F00.07	0.00~F00.07	0.00Hz	○
F10.06		0.0~100.0%	0.0~100.0	0.0%	○
F10.07		0.0~50.0%	0.0~50.0	0.0%	○
F10.08		0.1~3000.0s	0.1~3000.0	5.0s	○
F10.09		0.1~3000.0s	0.1~3000.0	5.0s	○
F10.10		0~65535m	0~65535	0m	○
F10.11		0~65535m	0~65535	0m	●
F10.12		1~10000	1~10000	1	○
F10.13		0.01~100.00cm	0.01~100.00	10.00cm	○
F10.14		0.001~10.000	0.001~10.000	1.000	○
F10.15		0.001~1.000	0.001~1.000	1.000	○
F10.16		F10.17~65535	F10.17~65535	0	○
F10.17		0~F10.16	0~F10.16	0	○

F11		PLC			
F11.00	0	-100.0~100.0%	-100.0~100.0	0.0%	○
F11.01	1	-100.0~100.0%	-100.0~100.0	0.0%	○
F11.02	2	-100.0~100.0%	-100.0~100.0	0.0%	○
F11.03	3	-100.0~100.0%	-100.0~100.0	0.0%	○
F11.04	4	-100.0~100.0%	-100.0~100.0	0.0%	○
F11.05	5	-100.0~100.0%	-100.0~100.0	0.0%	○
F11.06	6	-100.0~100.0%	-100.0~100.0	0.0%	○
F11.07	7	-100.0~100.0%	-100.0~100.0	0.0%	○
F11.08	8	-100.0~100.0%	-100.0~100.0	0.0%	○
F11.09	9	-100.0~100.0%	-100.0~100.0	0.0%	○
F11.10	10	-100.0~100.0%	-100.0~100.0	0.0%	○
F11.11	11	-100.0~100.0%	-100.0~100.0	0.0%	○
F11.12	12	-100.0~100.0%	-100.0~100.0	0.0%	○
F11.13	13	-100.0~100.0%	-100.0~100.0	0.0%	○
F11.14	14	-100.0~100.0%	-100.0~100.0	0.0%	○
F11.15	15	-100.0~100.0%	-100.0~100.0	0.0%	○
F12		485			
F12.00		1~247 0	1~247	1	○
F12.01		0 1200BFS 1 2400BFS 2 4800BFS 3 9600BFS 4 19200BFS 5 38400BFS 6 57600BFS 7 115200BFS	0~7	4	○
F12.02		0: N 8 1 forRTU 1: E 8 1 forRTU 2: O 8 1 forRTU 3: N 8 2 forRTU 4: E 8 2 forRTU 5: O 8 2 forRTU	0~5	1	○
F12.03		0~200ms	0~200	5	○
F12.04		0.0 0.1~60.0s	0.0~60.0	0.0s	○
F12.05		0 1 2 3	0~3	0	○
F12.06		0x00~0x11	00~11	0x00	○

		LED 0 1 LED 0 1			
F13					
F13.00	2	0.0~3000.0s	0.0~3000.0	20.0	○
F13.01	2	0.0~3000.0s	0.0~3000.0	20.0	○
F13.02	3	0.0~3000.0s	0.0~3000.0	20.0	○
F13.03	3	0.0~3000.0s	0.0~3000.0	20.0	○
F13.04	4	0.0~3000.0s	0.0~3000.0	20.0	○
F13.05	4	0.0~3000.0s	0.0~3000.0	20.0	○
F13.06		0.00~F00.07	0.00~F00.07	5.00Hz	○
F13.07		0.0~3000.0s	0.0~3000.0	20.0	○
F13.08		0.0~3000.0s	0.0~3000.0	20.0	○
F13.09		0.00~50.00Hz	0.00~50.00	0.00Hz	○
F13.10	FDT1	0.00~F00.07()	0.00~F00.07	50.00Hz	○
F13.11	FDT1	0.0~100.0% FDT1	0.0~100.0	5.0%	○
F13.12	FDT2	0.00~F00.07()	0.00~F00.07	50.00Hz	○
F13.13	FDT2	0.0~100.0% FDT2	0.0~100.0	5.0%	○
F13.14		0.0~F00.03	0.0~F00.07	0.00Hz	○
F13.15		0 1	0~1	0	○
F13.16		200.0~2000.0V	200.0~2000.0	700.0V	○
F13.17		0 1	0~1	0	○
F13.18		0x00~0x11 LED 0 1 LED 0 1	0x00~0x11	0x11	
F13.19		0x000~0x1223 LED 0 up/dn 1 up/dn LED 0 F00.06=0 F00.07=0 1 2	000~1221	0x0000	○

		LED 0 1 2 LED up/dn 0 1			
F13.20		0.01~10.00s	0.01~10.00	0.10s	○
F13.21	UP/DOWN	0x00~0x221 LED 0 UP/DOWN 1 UP/DOWN LED 0 F00.06=0 F00.07=0 1 2 LED 0 1 2	00~221	0x000	○
F13.22	UP	0.01~50.00Hz/s	0.01~50.00	0.50Hz/s	○
F13.23	DOWN	0.01~50.00Hz/s	0.01~50.00	0.50Hz/s	○
F13.24		0x000~0x111 LED 0 1 LED MODBUS 0 1 LED 0	0x000~0x111	0x000	○

		1			
F13.25		0 1	0~1	0	○
F13.26		0 100~150	0~150	0	○
F13.27		0.00~1.00	0.00~1.00	0.56	○
F13.28		0~65535min	0~65535	0min	○
F13.29	1 2	0x00~0x14 LED 0 1 MODBUS 2 PROFIBUS/CANoFen 3 4 LED 0 1	0x00~0x14	0x00	
F14 2					
F14.00	2	0 1	0~1	0	
F14.01	2	0.1~3000.0kW	0.1~3000.0	0.4	
F14.02	2	0.01Hz~F00.07	0.01~F00.07	50.00Hz	
F14.03	2	1~36000rFm	1~36000	1400RPM	
F14.04	2	0~1200V	0~1200	380V	
F14.05	2	0.8~6000.0A	0.8~6000.0	1.0A	
F14.06	2	0.001~65.535Ω	0.001~65.535	0.001	○
F14.07	2	0.001~65.535Ω	0.001~65.535	0.001	○
F14.08	2	0.1~6553.5mH	0.1~6553.5	0.1	○
F14.09	2	0.1~6553.5mH	0.1~6553.5	0.1	○
F14.10	2	0.1~6553.5A	0.1~6553.5	0.1A	○
F14.11	2 1	0.0~100.0%	0.0~100.0	80.0%	○
F14.12	2 2	0.0~100.0%	0.0~100.0	68.0%	○
F14.13	2 3	0.0~100.0%	0.0~100.0	57.0%	○
F14.14	2 4	0.0~100.0%	0.0~100.0	40.0%	○
F14.15	2	0.1~3000.0kW	0.1~3000.0	0.4	
F14.16	2	0.01Hz~F00.07	0.01~F00.07	50.00Hz	
F14.17	2	1~50	1~50	2	
F14.18	2	0~1200V	0~1200	380V	

F14.19	2	0.8~6000.0A	0.8~6000.0	1.0A	
F14.20	2	0.001~65.535Ω	0.001~65.535	0.001	○
F14.21	2	0.01~655.35mH	0.01~655.35	0.01	○
F14.22	2	0.01~655.35mH	0.01~655.35	0.01	○
F14.23	2	0~10000V	0~10000	300	○
F14.24	2	0~FFFF	0~FFFF	0x0000	●
F14.25	2	0%~50%	0~50	10%	●
F14.26	2	0 1 2	0~2	2	
F14.27	2	20.0%~120.0%	20.0~120.0	100.0%	○
F14.28	2	0.00~3.00	0.00~3.00	1.00	○
F14.29	2	0 1	0~1	0	○
F15					
F15.00		0.00Hz~655.35Hz	0.00~F00.07	0.00Hz	●
F15.01		0.00Hz~655.35Hz	0.00~F00.07	0.00Hz	●
F15.02		0.00Hz~655.35Hz	0.00~F00.07	0.00Hz	●
F15.03		0.0~2000.0V	0.0~2000.0	0V	●
F15.04		-300.0~300.0%	-300.0~300.0	0.0%	●
F15.05		0~1200V	0~1200	0V	●
F15.06		0.0~3000.0A	0.0~3000.0	0.0A	●
F15.07		0~65535RFM	0~65535	0RFM	●
F15.08		-250.0~250.0%	-250.0~250.0	0.0%	●
F15.09		-3000.0~3000.0A	3000.0~3000.0	0.0A	●
F15.10		-3000.0~3000.0A	3000.0~3000.0	0.0A	●
F15.11		0.00~655.35Hz	0.00~655.35	0.00Hz	●
F15.12		0x0000~0xffff	0x0000~0xffff	0x0000	●
F15.13		0x0000~0xffff	0x0000~0xffff	0x0000	●
F15.14		0.00Hz~655.35Hz	0.00~655.35	0.00Hz	●

F15.25	PID	-100.0~100.0%	-100.0~100.0	0.0%	●
F15.26	PID	-100.00~100.00%	-100.00~100.0	0.00%	●
F15.27					●
F15.28		0~65535h	0~65535	0h	●
F15.29		-1.00~1.00	-1.00~1.00	0.0	●
F15.30		-3000.0~3000.0A	-3000.0~3000.0	0.0A	●
F15.31		-3000.0~3000.0A	-3000.0~3000.0	0.0A	●
F15.32		0.0~5000.0A	0.0~5000.0	0.0A	●
F15.33		-3000.0Nm~3000.0Nm	-3000.0~3000.0	0.0Nm	●
F15.34		0~100 100 OL1	0~100	0	●
F15.35		0.00~99.99	0.00~99.99	0.00	●
F15.36	ASR	-300.0%~300.0%	-300.0~300.0	0.0%	●
F15.37		0.0~360.0	0.0~360.0	0.0	●
F15.38		-180.0~180.0	-180.0~180.0	0.0	●
F15.39		0.0%~200.0%	0.0~200.0	0.0	●
F15.40		0.0%~200.0%	0.0~200.0	0.0%	●
F15.41		-327.68~327.67Hz	-32768~32767	0.00Hz	●
F15.42		0~65535	0~65535	0	●
F15.43	Z	0~65535	0~65535	0	●
F16					
F16.00		0.0~100.0%	0.0%~100.0%	80.0%	○
F16.01		0 1 2	0~2	0	
F16.02	1	0.0%~100.0%	0.0%~100.0%	20.0%	○
F16.03	2	0.0%~100.0%	0.0%~100.0%	10.0%	○
F16.04		0.00Hz~F00.07	0.00Hz~F00.07	10.00Hz	○
F16.05		200Hz~1000Hz	200~1000	500Hz	
F16.06		0.0~300.0%	0.0~300.0%	40.0%	
F16.07		0~6553.5	0~6553.5	0	○
F16.08	1	0~65535	0~65535	0	○
F16.09	2	0~655.35	0~655.35	2.00	○
F16.10		0~65535	0~65535	0	○
F16.11		0.0~10.0s	0.0~10.0	0.5s	○
F16.12		0~100.0%	0~100.0%	0.0%	○
F16.13		0.0~150.0%	0.0~150.0	0.0%	○
F16.14		0.00~50.00s	0.00~50.00	0.00s	○
F16.15		0.00~50.00s	0.00~50.00	0.00s	○

F17 Profibus/CANoFen					
F17.00		0 PROFIBUS	0~1	0	
		1 CAN			
F17.01		0~127	0~127	2	
F17.02	PZD2	0 0~Fmax	0~20	0	○
		1 0.01Hz			
F17.03	PZD3	2 PID	0~20	0	○
		0~1000 1000			
F17.04	PZD4	100.0%	0~20	0	○
		3 PID			
F17.05	PZD5	0~1000 1000	0~20	0	○
		100.0%			
F17.06	PZD6	4 -3000~3000 1000	0~20	0	○
		100.0%			
F17.07	PZD7	5	0~20	0	○
		0~Fmax			
F17.08	PZD8	0.01Hz	0~20	0	○
		6			
F17.09	PZD9	0~Fmax	0~20	0	○
		0.01Hz			
F17.10	PZD10	7	0~20	0	○
		0~3000 1000			
F17.11	PZD11	100.0%	0~20	0	○
		8			
		0~2000 1000			
		100.0%			
		9			
		0x000~0x1FF			
		10			
		0x00~0x0F			
		11 V/F			
		0~1000 1000			
F17.12	PZD12	100.0%	0~20	0	○
		12 AO 1			
		-1000~1000 1000			
		100.0%			
		13 AO 2			
		-1000~1000 1000			
		100.0%			
F17.13	PZD2	0:	0~21	0	○
		1: 0.01Hz			
		2: 0.01Hz			
F17.14	PZD3	3: 0.1 V	0~21	0	○
		4: 1V			

F17.15	PZD4	5 0.1A	0~21	0	○
F17.16	PZD5	6 0.1%	0~21	0	○
F17.17	PZD6	7 0.1%	0~21	0	○
F17.18	PZD7	8 1RFM	0~21	0	○
F17.19	PZD8	9 1m/s	0~21	0	○
F17.20	PZD9	10	0~21	0	○
F17.21	PZD10	11 AI1 0.01V	0~21	0	○
F17.22	PZD11	12 AI2 0.01V	0~21	0	○
F17.23	PZD12	13 AI3 0.01V	0~21	0	○
F17.24	PZD	14 FULSE 0.01kHz	0~21	0	○
F17.25	DF	15	0~21	0	○
F17.26	CANoFen	16 PID 0.01%	0~21	0	○
F17.27	CANoFen	17 PID 0.01%	0~21	0	○
F17.28	CANoFen	18 PID 0.01%	0~21	0	○
F17.29	CANoFen	19 PID 0.01%	0~21	0	○
F17.30	CANoFen	20 PID 0.01%	0~21	0	○
F17.31	CANoFen	21 PID 0.01%	0~21	0	○
F17.32	CANoFen	22 PID 0.01%	0~21	0	○
F17.33	CANoFen	23 PID 0.01%	0~21	0	○
F17.34	CANoFen	24 PID 0.01%	0~21	0	○
F17.35	CANoFen	25 PID 0.01%	0~21	0	○
F17.36	CANoFen	26 PID 0.01%	0~21	0	○
F17.37	CANoFen	27 PID 0.01%	0~21	0	○
F17.38	CANoFen	28 PID 0.01%	0~21	0	○
F17.39	CANoFen	29 PID 0.01%	0~21	0	○
F17.40	CANoFen	30 PID 0.01%	0~21	0	○
F17.41	CANoFen	31 PID 0.01%	0~21	0	○
F17.42	CANoFen	32 PID 0.01%	0~21	0	○
F17.43	CANoFen	33 PID 0.01%	0~21	0	○
F17.44	CANoFen	34 PID 0.01%	0~21	0	○
F17.45	CANoFen	35 PID 0.01%	0~21	0	○
F17.46	CANoFen	36 PID 0.01%	0~21	0	○
F17.47	CANoFen	37 PID 0.01%	0~21	0	○
F17.48	CANoFen	38 PID 0.01%	0~21	0	○
F17.49	CANoFen	39 PID 0.01%	0~21	0	○
F17.50	CANoFen	40 PID 0.01%	0~21	0	○
F17.51	CANoFen	41 PID 0.01%	0~21	0	○
F17.52	CANoFen	42 PID 0.01%	0~21	0	○
F17.53	CANoFen	43 PID 0.01%	0~21	0	○
F17.54	CANoFen	44 PID 0.01%	0~21	0	○
F17.55	CANoFen	45 PID 0.01%	0~21	0	○
F17.56	CANoFen	46 PID 0.01%	0~21	0	○
F17.57	CANoFen	47 PID 0.01%	0~21	0	○
F17.58	CANoFen	48 PID 0.01%	0~21	0	○
F17.59	CANoFen	49 PID 0.01%	0~21	0	○
F17.60	CANoFen	50 PID 0.01%	0~21	0	○
F17.61	CANoFen	51 PID 0.01%	0~21	0	○
F17.62	CANoFen	52 PID 0.01%	0~21	0	○
F17.63	CANoFen	53 PID 0.01%	0~21	0	○
F17.64	CANoFen	54 PID 0.01%	0~21	0	○
F17.65	CANoFen	55 PID 0.01%	0~21	0	○
F17.66	CANoFen	56 PID 0.01%	0~21	0	○
F17.67	CANoFen	57 PID 0.01%	0~21	0	○
F17.68	CANoFen	58 PID 0.01%	0~21	0	○
F17.69	CANoFen	59 PID 0.01%	0~21	0	○
F17.70	CANoFen	60 PID 0.01%	0~21	0	○
F17.71	CANoFen	61 PID 0.01%	0~21	0	○
F17.72	CANoFen	62 PID 0.01%	0~21	0	○
F17.73	CANoFen	63 PID 0.01%	0~21	0	○
F17.74	CANoFen	64 PID 0.01%	0~21	0	○
F17.75	CANoFen	65 PID 0.01%	0~21	0	○
F17.76	CANoFen	66 PID 0.01%	0~21	0	○
F17.77	CANoFen	67 PID 0.01%	0~21	0	○
F17.78	CANoFen	68 PID 0.01%	0~21	0	○
F17.79	CANoFen	69 PID 0.01%	0~21	0	○
F17.80	CANoFen	70 PID 0.01%	0~21	0	○
F17.81	CANoFen	71 PID 0.01%	0~21	0	○
F17.82	CANoFen	72 PID 0.01%	0~21	0	○
F17.83	CANoFen	73 PID 0.01%	0~21	0	○
F17.84	CANoFen	74 PID 0.01%	0~21	0	○
F17.85	CANoFen	75 PID 0.01%	0~21	0	○
F17.86	CANoFen	76 PID 0.01%	0~21	0	○
F17.87	CANoFen	77 PID 0.01%	0~21	0	○
F17.88	CANoFen	78 PID 0.01%	0~21	0	○
F17.89	CANoFen	79 PID 0.01%	0~21	0	○
F17.90	CANoFen	80 PID 0.01%	0~21	0	○
F17.91	CANoFen	81 PID 0.01%	0~21	0	○
F17.92	CANoFen	82 PID 0.01%	0~21	0	○
F17.93	CANoFen	83 PID 0.01%	0~21	0	○
F17.94	CANoFen	84 PID 0.01%	0~21	0	○
F17.95	CANoFen	85 PID 0.01%	0~21	0	○
F17.96	CANoFen	86 PID 0.01%	0~21	0	○
F17.97	CANoFen	87 PID 0.01%	0~21	0	○
F17.98	CANoFen	88 PID 0.01%	0~21	0	○
F17.99	CANoFen	89 PID 0.01%	0~21	0	○
F18.00	IP	90 100M	0~4	0	
F18.01	IP	91 100M	0~255	192	
F18.02	IP	92 100M	0~255	168	
F18.03	IP	93 10M	0~255	0	
F18.04	IP	94 10M	0~255	1	
F18.05		95 10M	0~255	255	
F18.06		96 10M	0~255	255	
F18.07		97 10M	0~255	255	
F18.08		98 10M	0~255	0	

F18.09	1	0~255	0~255	192	
F18.10	2	0~255	0~255	168	
F18.11	3	0~255	0~255	1	
F18.12	4	0~255	0~255	1	
F19					
F19.00		0 1 2 3	0~3	0	
F19.01		0~8192	0~8192	1024	
F19.02		AB bit0 0 1 Z bit1 0 1	0~3	0	
F19.03		0.0~10.0s	0~100	0.5s	○
F19.04		0.0~100.0s	0~1000	0.8s	○
F19.05		Bit0~3 Bit4~7	0~0x99	0x33	○
F19.06		0~65.535	0~65535	1.000	○
F19.07		Bit0 z Bit1 Bit2 SVC Bit4 Z Bit12 Z	0x0000~0xFFFF	1	○
F19.08	Z	0~1	0~1	0	○
F19.09	Z	0~359.99	0~35999	0	○
F19.10		0~359.99	0~35999	0	○
F20					
F20.00	DP	0~65535	0~65535	0	●
F20.01	DP	0~65535	0~65535	0	●
F20.02	DP	0~65535	0~65535	0	●
F20.03					

CT300	RS485	PC/PLC
1.		
2.		
Modbus	RS485 RTU	“ ” PC/PLC 0 1 247
3.		
(1)	RS485	485+ 485-
(2)		
(3)		
4.		
CT300	“ / ”	ModBus
“ / ”	“ / ”	PC PLC
“ / ”		
5.		
CT300	ModBus	
RTU	3.5 (T1-T2-T3-T4) 0...9,A...F	
	3.5	
		1.5
3.5		

CRC
RTU

START	3.5
ADR	1 247
CMD	03 06
DATA N-1	
DATA N-2	
.....	
DATA0	
CRC CHK	CRC
CRC CHK	
END	3.5

CMD

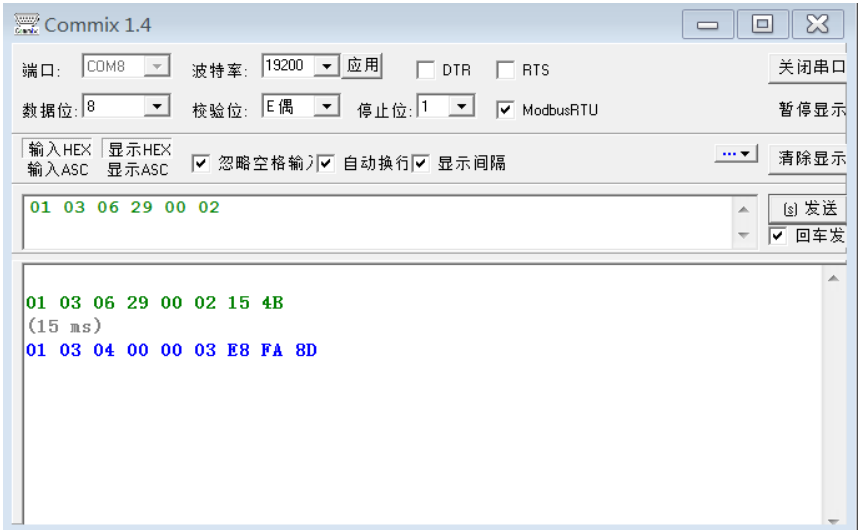
DATA

03H N Word (16)
19200BPS E 8 1 for RTU 01
F06.19 2

ADR	01H
CMD	03H
	06H
	29H
	00H
	02H
CRC CHK	15H
CRC CHK	4BH

ADR	01H
CMD	03H
	04H
F06.41	00H
F06.41	00H
F06.42	03H
F06.42	E8H
CRC CHK	FAH
CRC CHK	8DH

commix



06H (Word)
19200BPS E 8 1 for RTU 40.00Hz 0FA0H
02H F00.10 40.00Hz

ADR	02H
CMD	06H
F00.10	00H
F00.10	0AH
F00.10	0FH
F00.10	A0H
CRC CHK	ACH
CRC CHK	73H

ADR	02H
CMD	06H
F00.10	00H
F00.109	09H
F00.10	0FH
F00.10	A0H
CRC CHK	ACH
CRC CHK	73H

[illegible]



00 28 0 28
00 FF
FRABT1 0 0 1 49.65041BH / 225 371C4>] TJ ET EMC /P <</MCI53F043B02C81C104EAB1

EEPROM EEPROM
RAM
1

6.1

6.1.1

POWER

6.1.2

6.1.3

U V W

6.2

F08.16 F08.23
6-1

E.0C1		1. 2. 3.	1. 2. 3.
E.0C2		1. 2. 3.	1. 2. 3.
E.0C3		1. 2. 3.	1. 2. 3.
E.0U1		1. 2.	1. 2.
E.0U2		1. 2.	1. 2.

		3.	3.
E.0U3		1. 2.	1. 2.
E.Lv		1.	1.
E.0UT1	U	1.	1. 2. 3.
E.0UT2	V	2.	
E.0UT3	W	3.	
		4.	
E.0L1		1. 2. 3. 4.	1. 2. 3. 4.
E.0L2		1. 2. 3. 4.	1. 2. 3. 4.
E.0L3			
E.0H1		1. 2.	1. 2. 3. 4. 5. 6. 7. 8.
E.0H2		3.	
		4.	
		5.	
		6.	
		7.	
		8.	
E.ILF		R, S, T	1. 2.
E.OLF		1.U V W 2.	1. 2.
E.bc		1. 2.	1 2
E.AUT		1. 2.	1 2 3

		3.	4
		4.	
E.PIDE	PID	1. PID 2. PID	1. PID 2. PID
E.485		1. 2. 3.	1 2 STOP/RESET 3
E.EF		1. SI	1
E.EEP	EEPROM	1. 2. EEPROM	1 STOP/RESET 2
E.END		1.	1.
E.ITE		1. 2. 3. 4.	1. 2. 3. 4.
E.NC1O		1. 2.	1. 2.
E.NC1D		1. A B 2.	1. A B 2.

36VDC

7.1

7-1

			-10°C 50°C
			5% 95%
		F05.15 F05.16	40°C

7.2

7-2

PCB		
	2	1 2

7.3

2
3 4

7.4

7-3

	-40°C 70°C
	5% 95%

2

CT300

1.

2.

3.



产品名称：_____

规格：_____

机身序号：_____

出厂日期：_____

检验员：_____



