

4

GF630N01

GF630N01

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Modbus485

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- 2

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141414

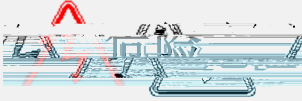
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 危険	14
 注意	14
 警告	14



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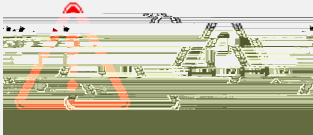
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注意

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11

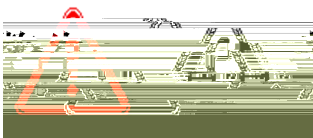
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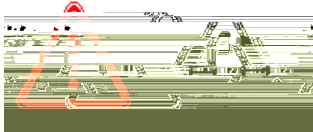
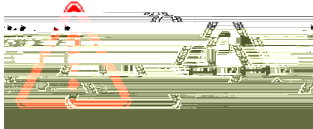
13

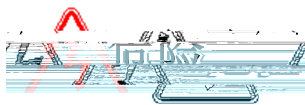


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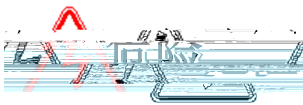


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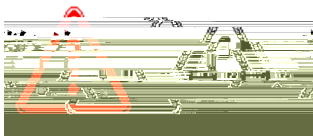
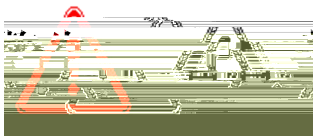
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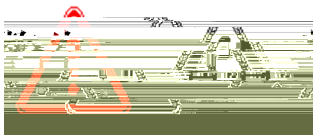


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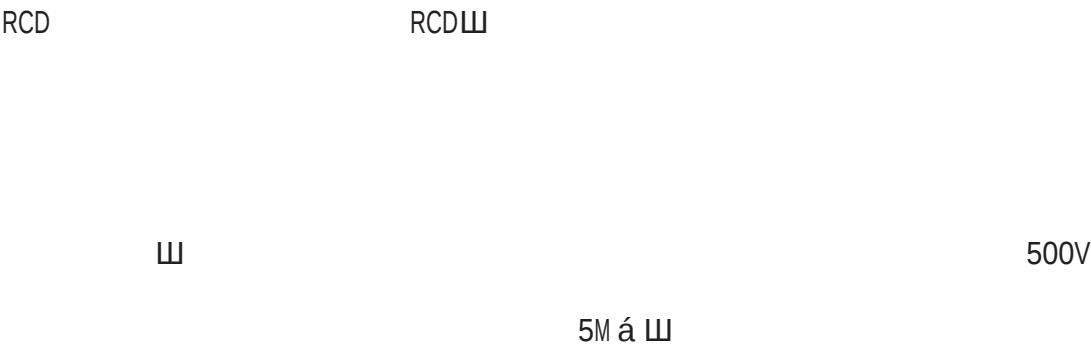
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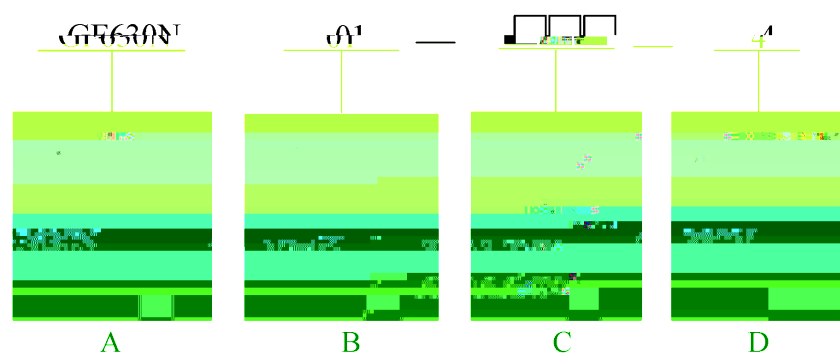
3



6.18		P20	
6.19		P21	
6.20		P23	
6.21	3	P28	
6.22	4	P29	
6.23	3	P30	
6.24	3	P31	
7			
7.1		P0	
7.2		P2	
7.3		P3	
7.4		P4	
7.5			P5
7.6			P6
7.7		P7	
7.8		P8	
7.9		P9	
7.10	V/F	1	P10
7.11		P21	
7.12		P19	
8			
8.1			
8.2			
9			
9.1			
9.2			
9.3			
9.4			
9.5			

1

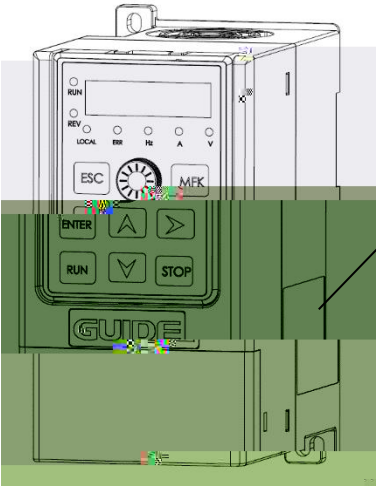
1.1



A	GF630N
B	01 Mini
C	OR4:0.4kW 3R7:3.7kW 5R5:5.5kW
D	4:380V

GF630N01

0.4kW



型号: GF630N01-OR4-4

额定功率: 0.4kW 变频器

额定电压: 10A 500V

7001HZ

输入: AC3PH 380V-480V 50

输出: AC3PH 0-480V 0-300

Product ID: E- STAND:V1.00

8888888A8A088

MADE IN CHINA

制造商: 武汉港迪技术股份有限公司

1.2

GF630N01



R1

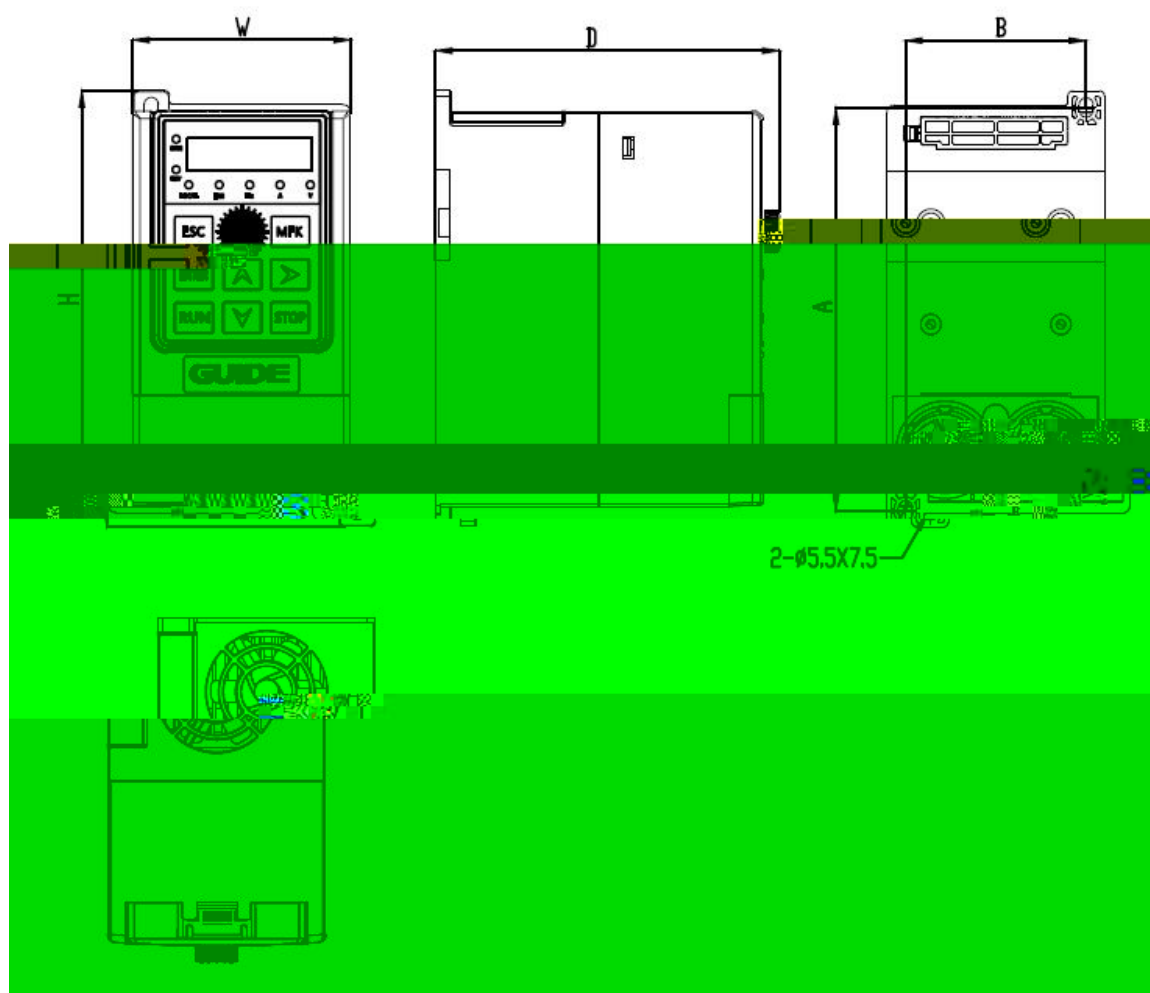
380V 480V 0.4kW 2.2kW



R2

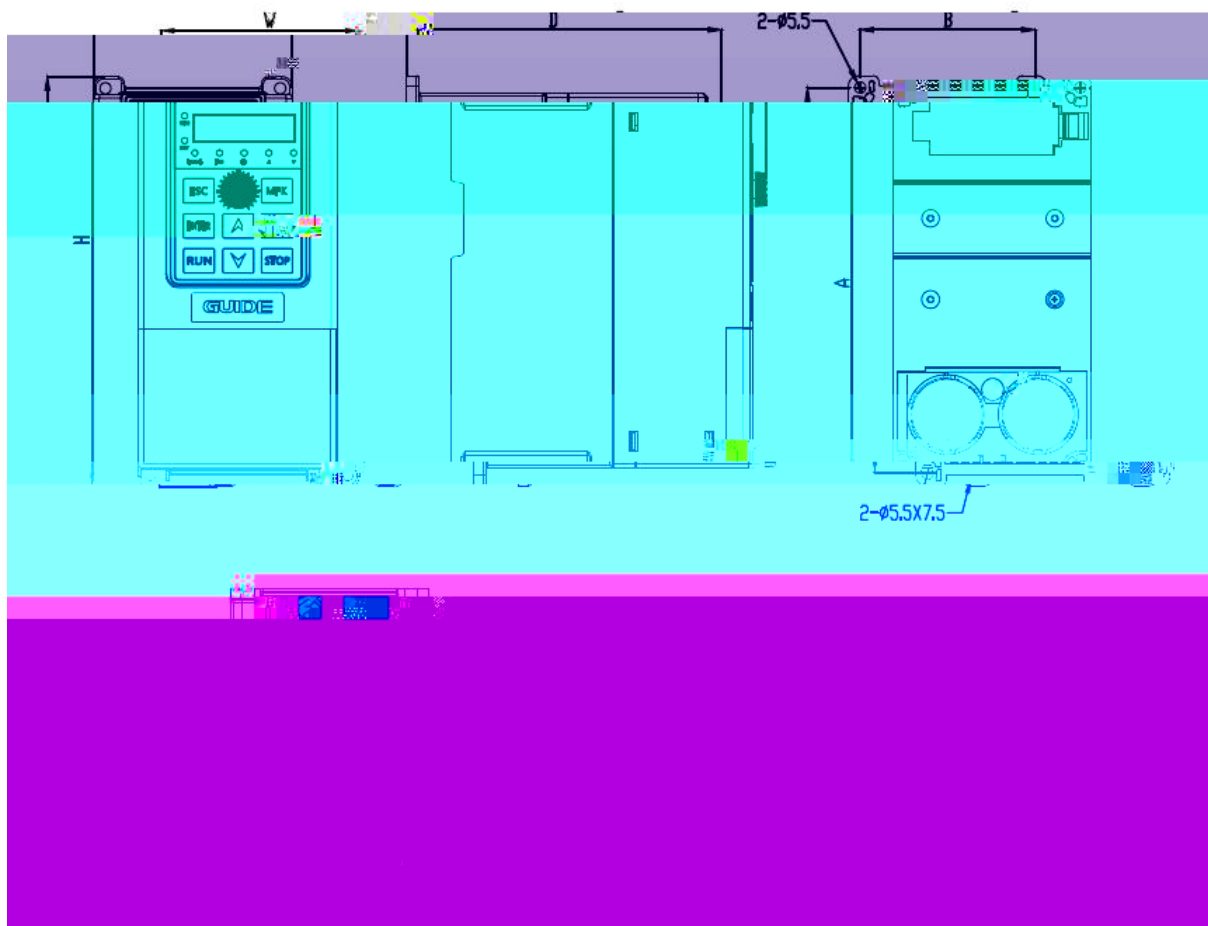
380V 480V 3.7kW 5.5kW

1.3 R1~R2



R1

0.4kW 2.2kW



R2

3.7kW 5.5kW

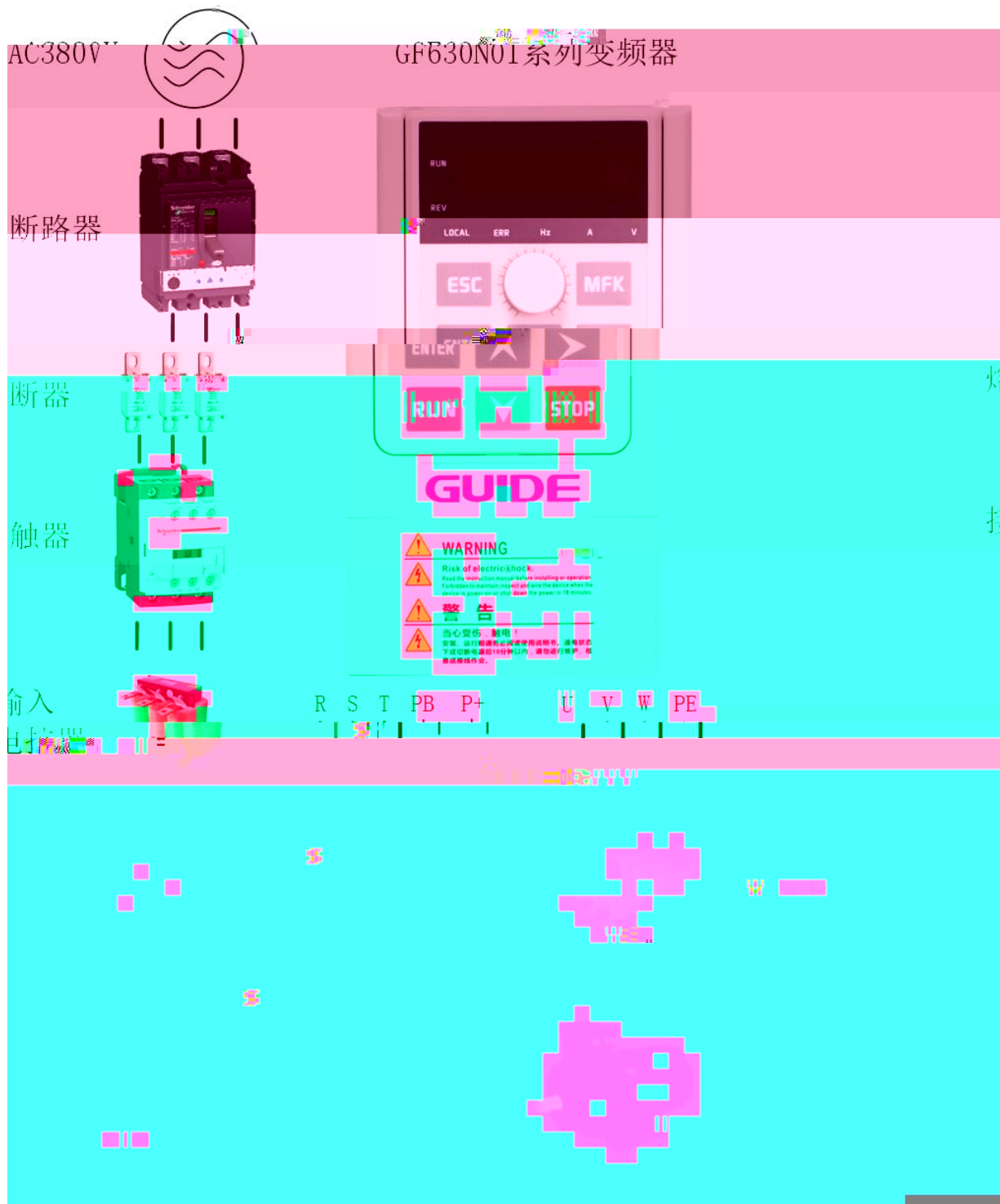
1.6

(1)		
(2)	150%	
(3)		Ⅲ

1.7

	[kW]	[kW]
GF630N01-0R4-4	0.4	0.026
GF630N01-0R7-4	0.75	0.033
GF630N01-1R1-4	1.1	0.035
GF630N01-1R5-4	1.5	0.040
GF630N01-2R2-4	2.2	0.048
GF630N01-3R7-4	3.7	0.132
GF630N01-5R5-4	5.5	0.160

2.1



GF630N01

2.2

		W
		W
		() W
		W
EMC		W
		W
		W W a) W b) W 100m W
dv/dt		dv/dt W
		W
		W
H W H / () W W		

2.3

	A	/ CEFR	mm ² 40%	A (AC-3)
0.4 kW	1.2		2.5	9
0.75 kW	2.5		2.5	9
1.1kW	3		2.5	9
1.5 kW	3.7		2.5	9
2.2 kW	5		2.5	9
3.7 kW	9		2.5	12
5.5 kW	13		2.5	12

2.4

	2%		1%	
	A	mH	A	mH
0.4 kW	2.2	6.37	1.8	3.89
0.75kW	3.0	4.67	2.6	2.69
1.1kW	4.0	3.50	3.3	2.12
1.5 kW	4.8	2.92	4	1.75
2.2 kW	6.8	2.06	5.7	1.22
3.7 kW	12.0	1.17	10.2	0.69
5.5kW	18.0	0.78	15	0.47

2.5

	á	á	KW 30% Kc	KW 50% Kc
0.4 kW	750	100	ú 0.2	ú 0.3
0.75kW	750	100	ú 0.2	ú 0.35
1.1 kW	400	100	ú 0.4	ú 0.5
1.5 kW	400	100	ú 0.5	ú 0.7
2.2 kW	250	78	ú 0.8	ú 1
3.7 kW	100	64	ú 2.0	ú 2.5
5.5kW	100	40	ú 2.0	ú 2.5

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100 2

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3.1 Ч

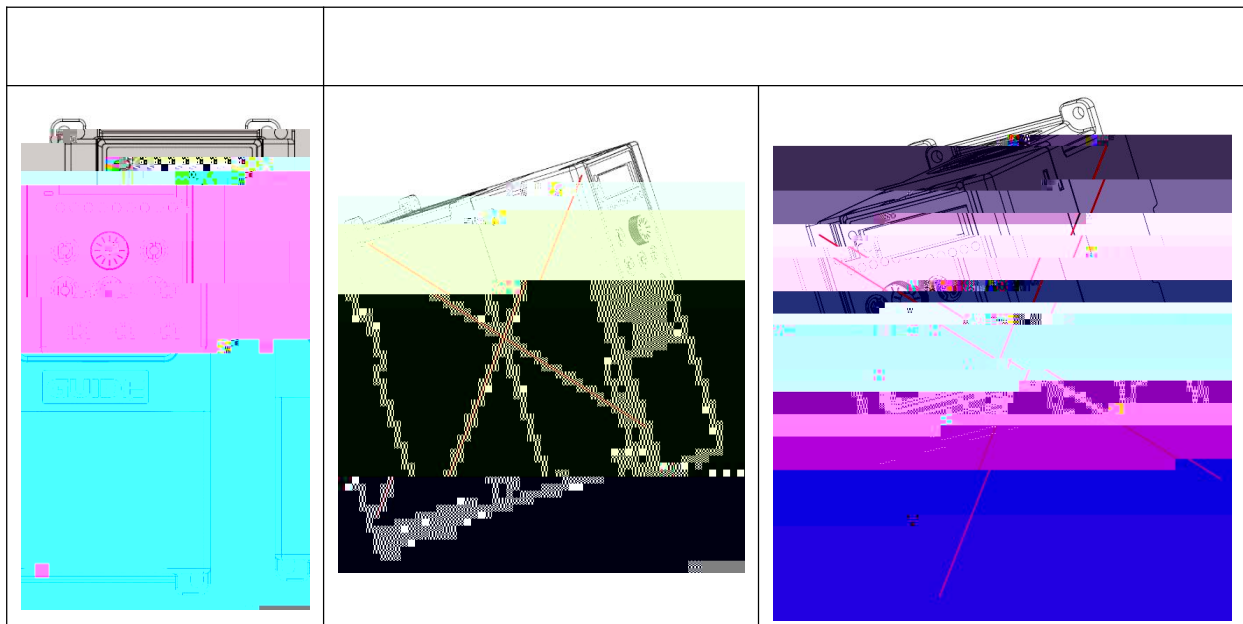
	10cm Ч 5cm Ш Ш	Ч Ш Ш 6	Ч Ч Ч Ш
	-10 Ć +40 Ć 40 Ć 1 Ć 1%Ш 50 Ć Ш -10 Ć Ш	-20 Ć +60 Ć 1 Ć / Ш	-20 Ć +60 Ć
	70 106 kPa 0.7 1.05	70 106 kPa 0.7 1.05	60 106 kPa 0.6 1.05
	10Hz Ů f Ů 57Hz 0.075mm 57Hz Ů f Ů 150Hz m/s² 9.8	10Hz Ů f Ů 57Hz 0.075mm 57Hz Ů f Ů 150Hz 9.8 m/s²	
		100m/s² 11ms	100m/s² 11ms
		250mm <100kg 100mm Ů 100kg Ш	250mm <100kg 100mm Ů 100kg Ш
	95%RH		
	1000 Ш Ш	1000 3000	100 1% Ш
	2		
	Ч Ш	Ч Ч Ч	Ш

3.2

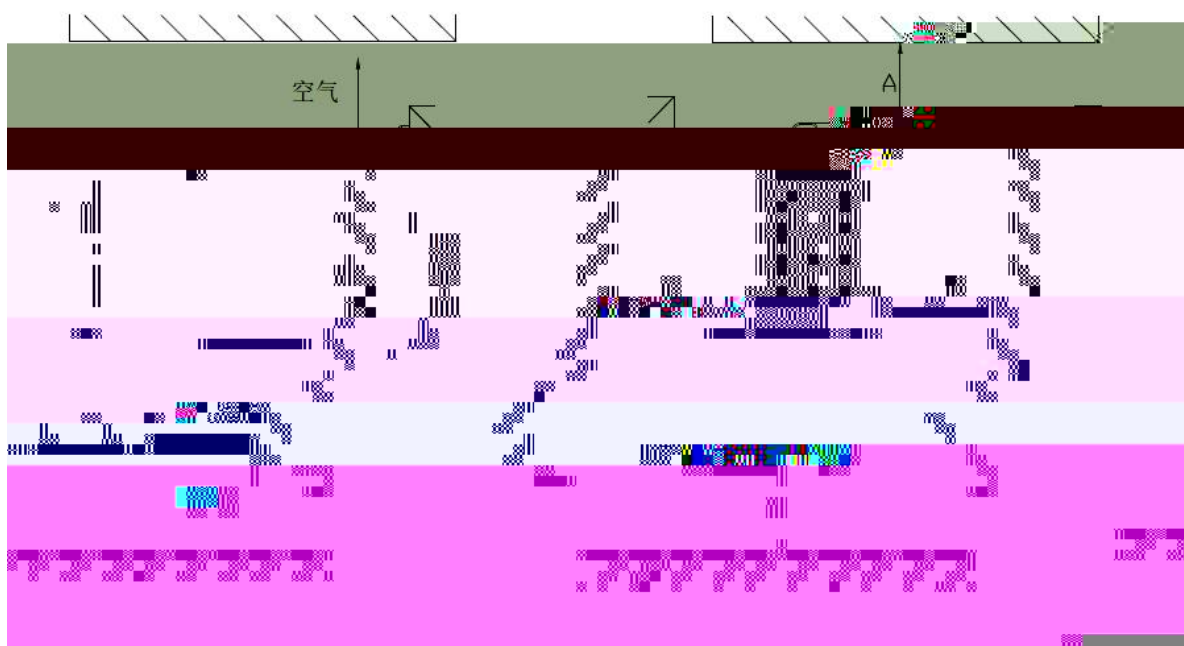
3.2.1

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3.2.2

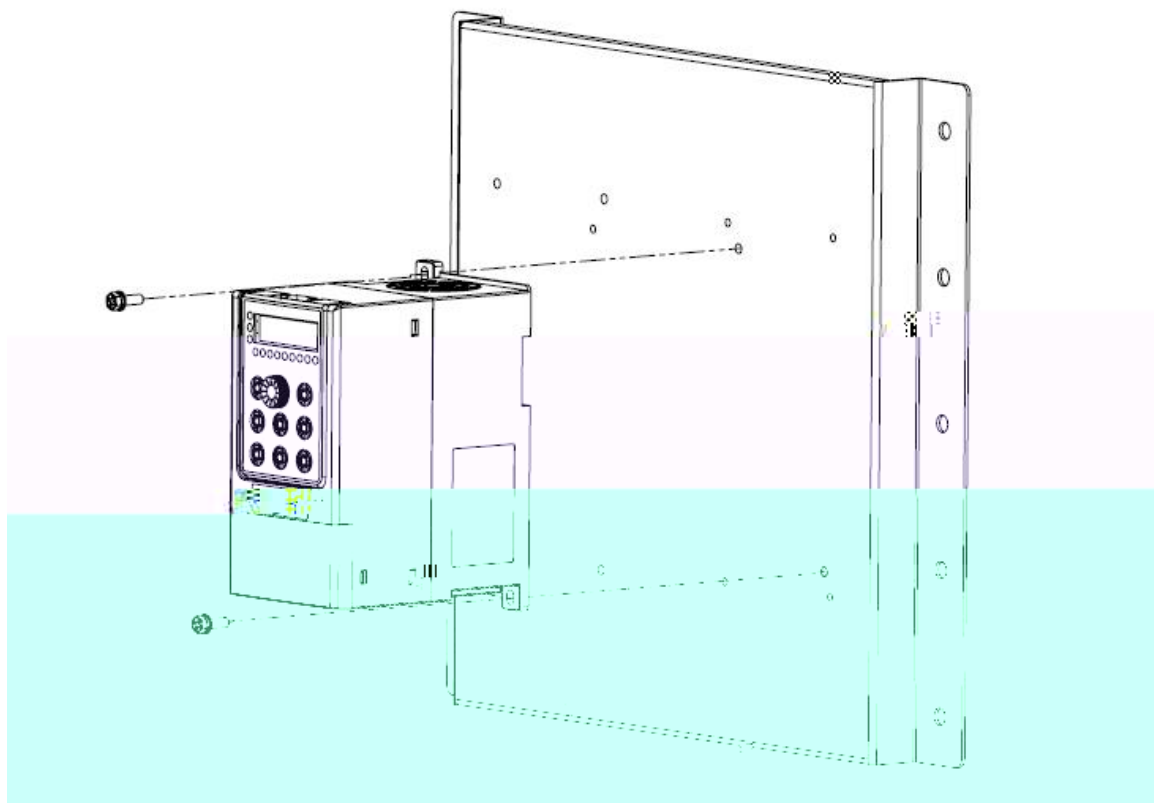


		(mm)	
R1	0.4kW 2.2kW	A ấ 100	B ấ 20
R2	3.7kW 5.5kW	A ấ 200	B ấ 20

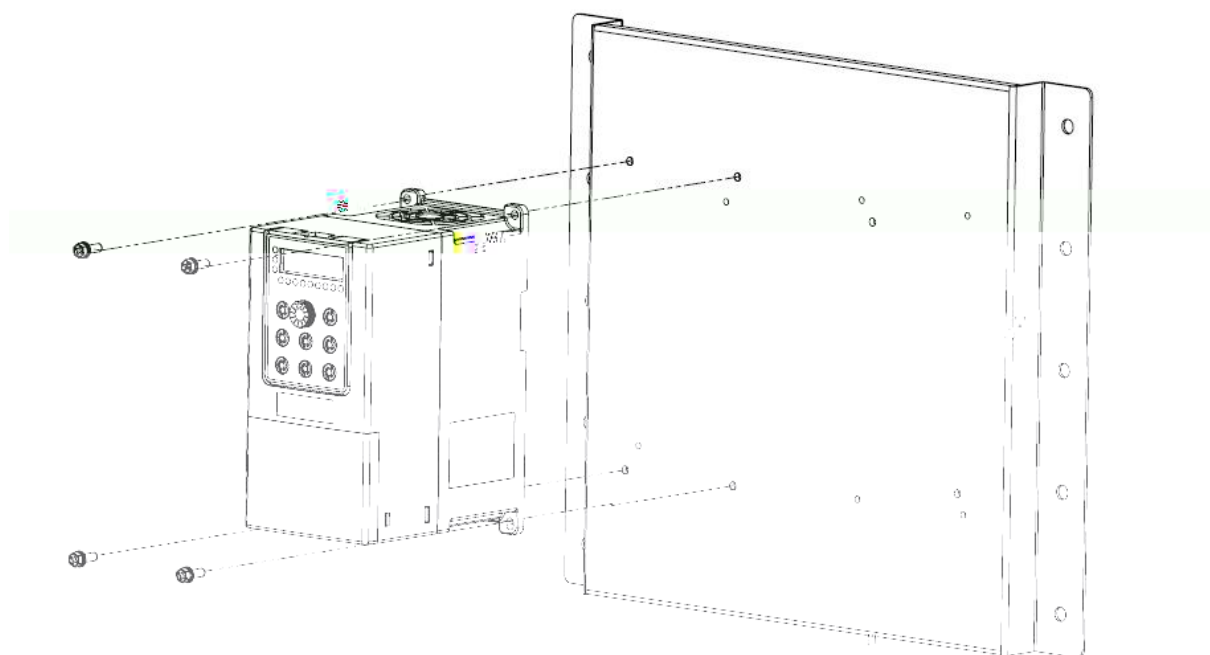
3.2.3

Ш

1 R1



2 R2



1	R1	0.4kW 2.2kW	2-M5
2	R2	3.7kW 5.5kW	4-M5

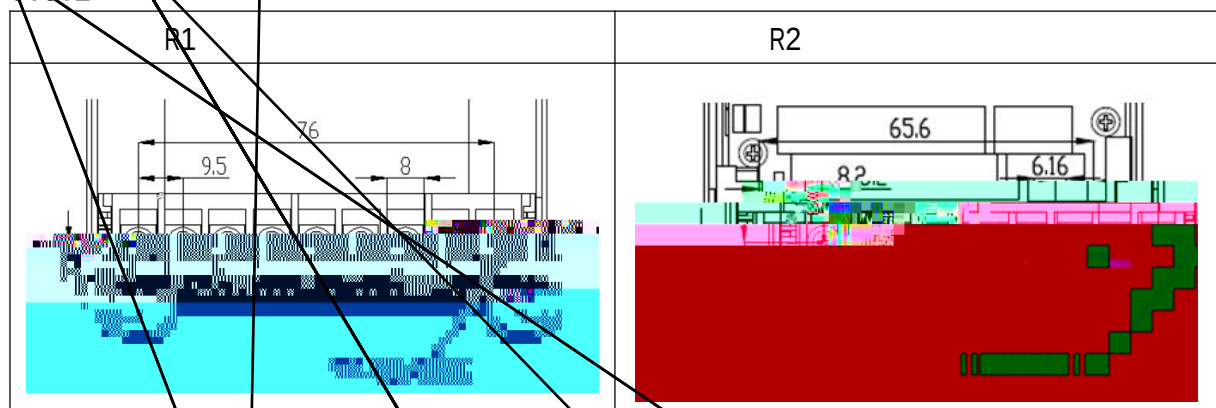
M5: 20 ¥ 2KGF.CMШ

3.3

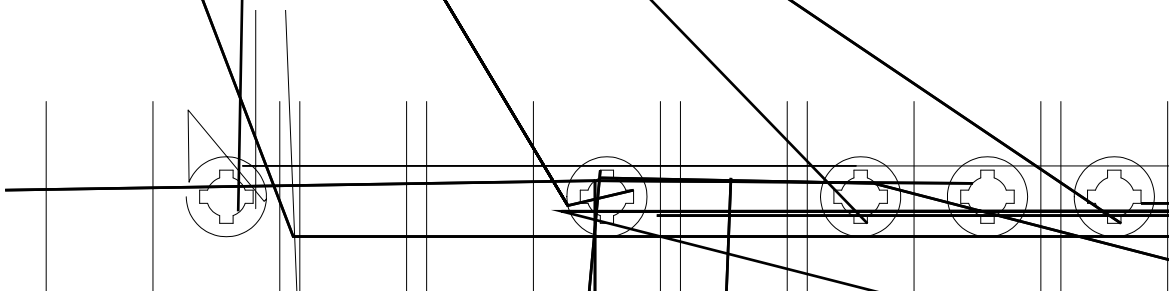
3.3.1



3.3.2



1 R1~R2



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6

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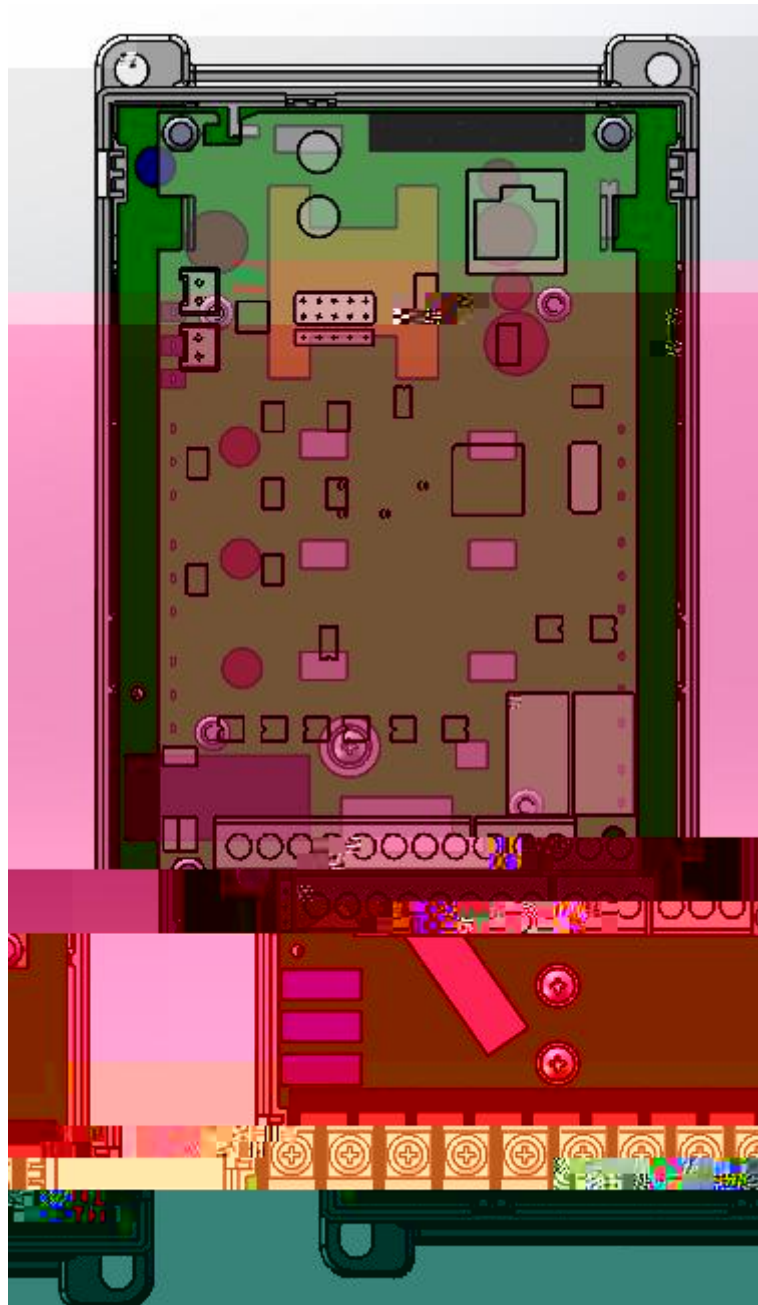
7

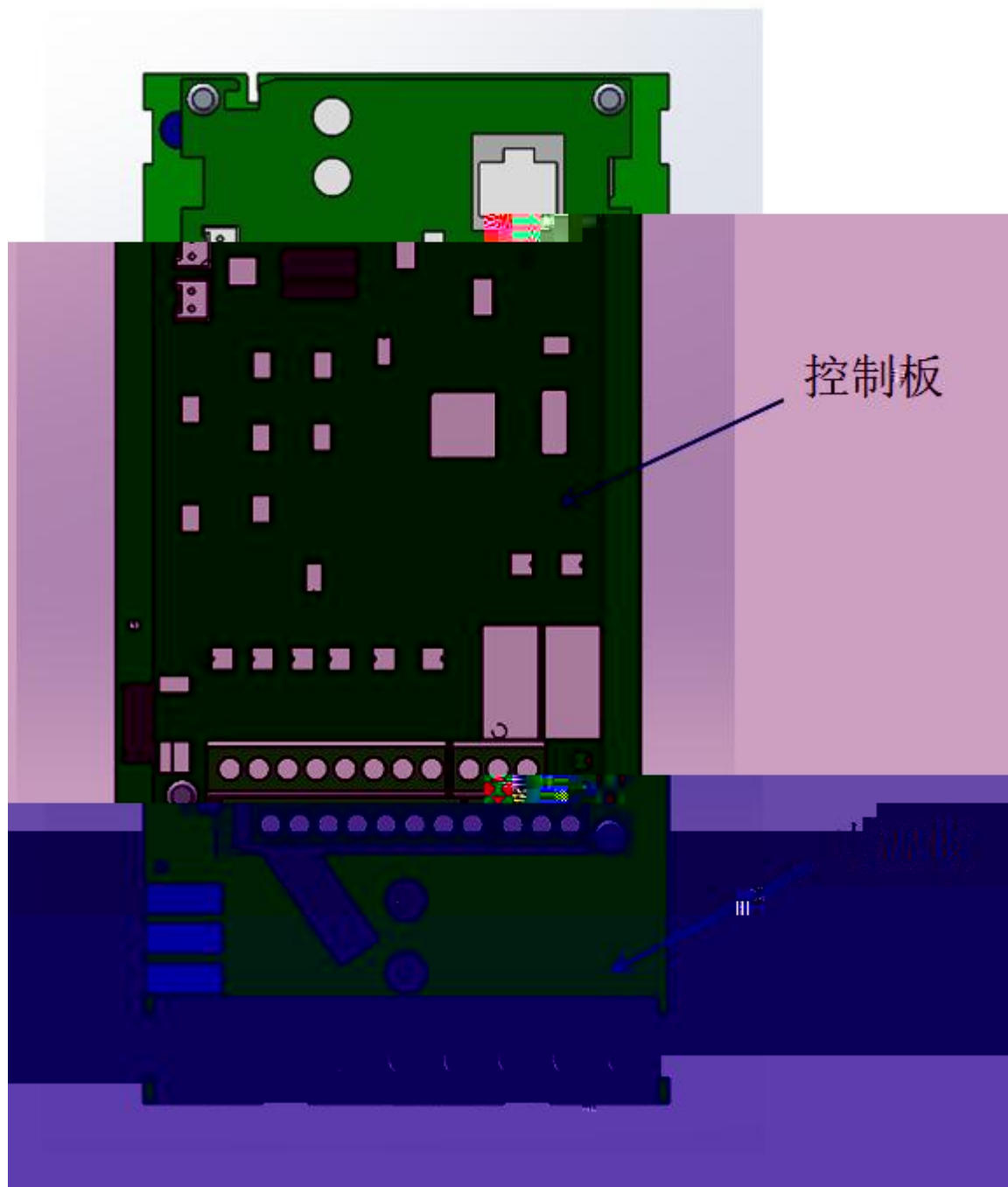
z

3.3.4



GF630N01





1 '20 P

GUIDE

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4

4.1

GF630N01

LED

4

4

1 LED

┆ RUN Ț

┆ REV Ț

┆ LOCAL Ț /

┆ ERR Ț /

┆ HZ Ț Hz RPM

┆ A Ț A RPM %

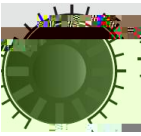
┆ V Ț V %

2 LED LED

5 LED 4

LED LED

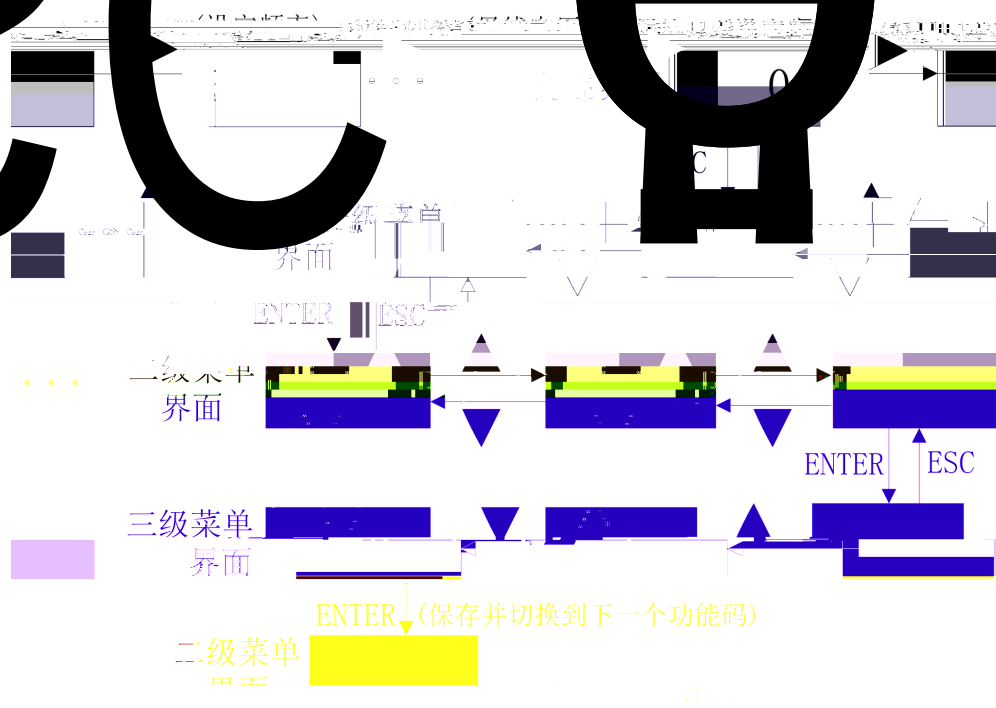
显示文字	LED显示	显示文字	LED显示	显示文字	LED显示	显示文字	LED显示
0	0	A	A	K	K	U	U
1	1	B	B	L	L	V	V
2	2	C	C	M	无	W	无
3	3	D	d	N	n	X	无
4	4	E	E	O	o	Y	4
5	5	F	F	P	P	Z	无
6	6	G	G	Q	q		
7	7	H	H	R	R		
8	8	I	I	S	S		
9	9	J	J	T	t		

		ESC ESC
		
		
		+1
		-1
		
		
		
		/

4.2.2 LED

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LED /



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P02.05 山

ESC

(Л)/ ()

山

ESC

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ENTER

(Л)/ ()

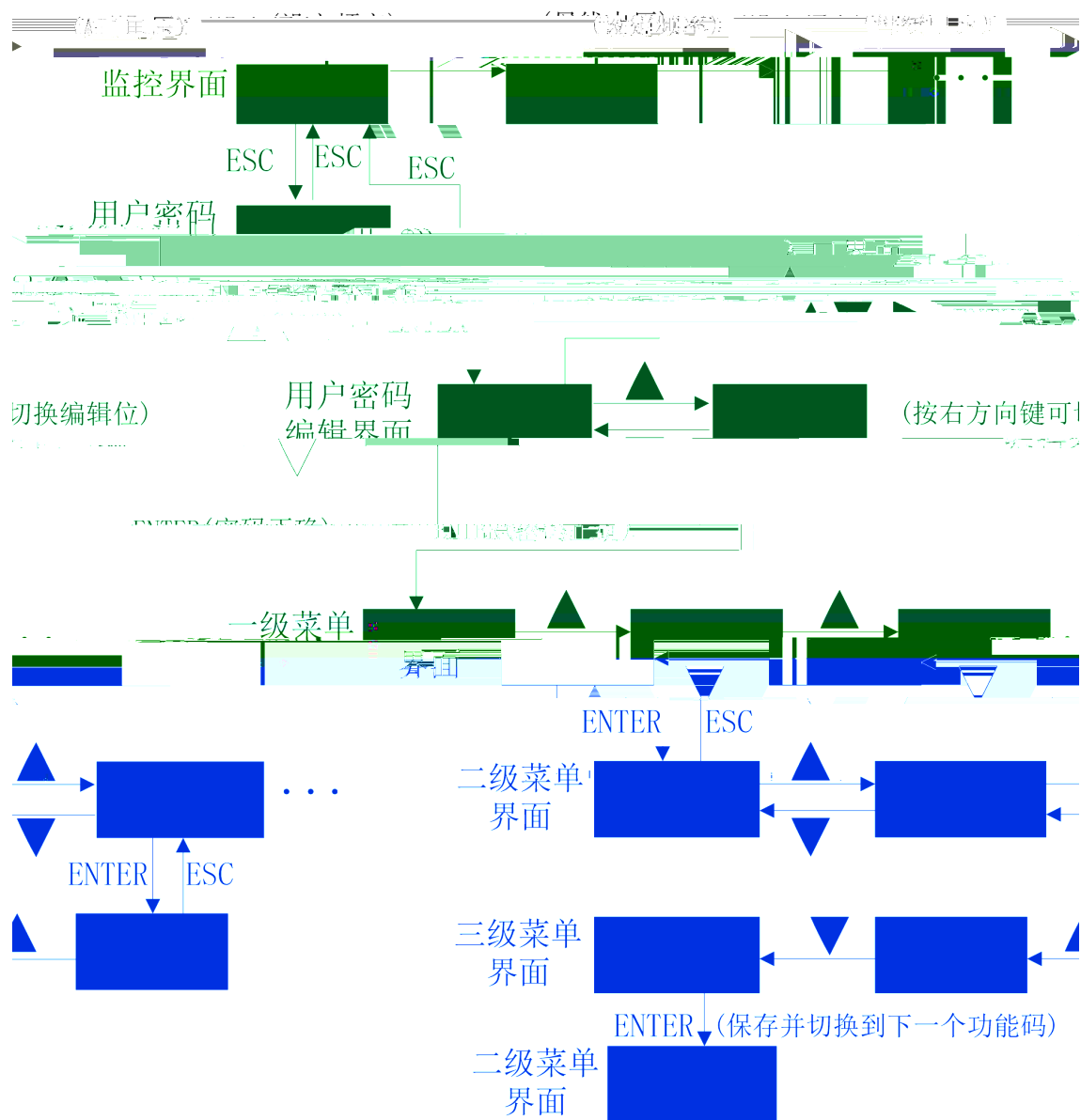
山

(

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() / () / ENTER
 ENTER

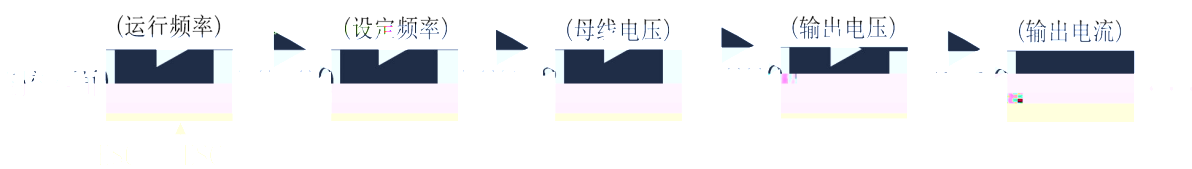


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P02.03

P02.04

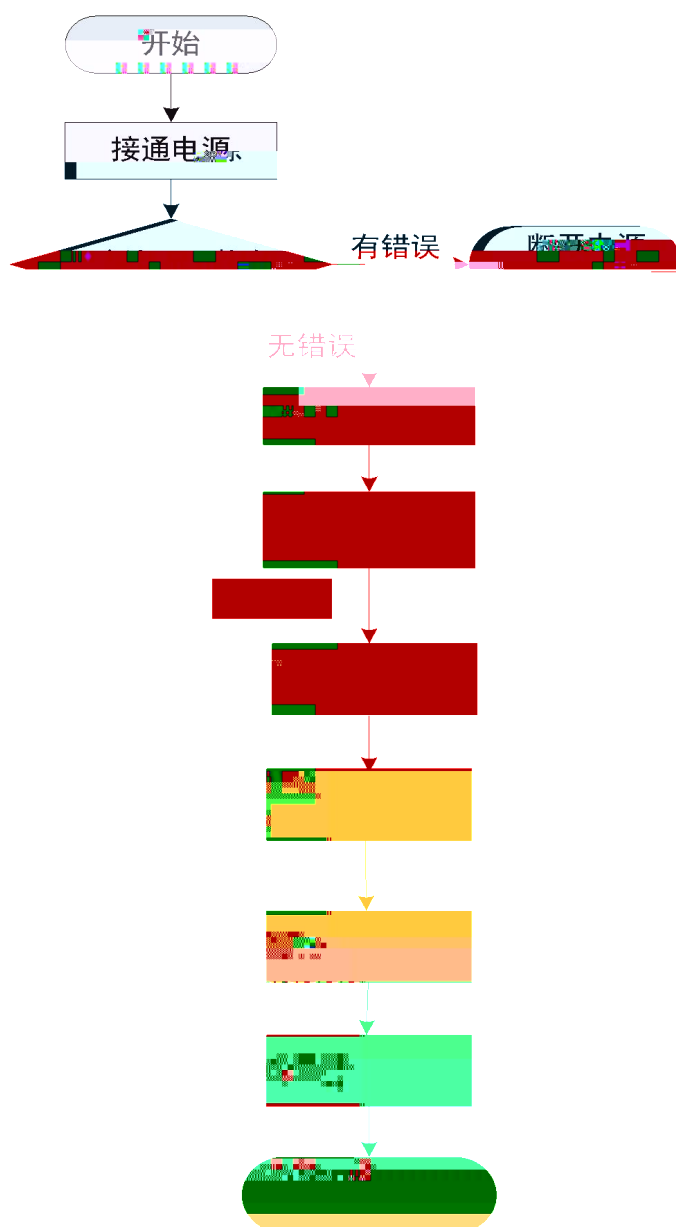
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5.1

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5.4

V/F

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P08.10

(Hz)

/ / /
/ F

5.5

	1. 4 2. P10.53 1 ENTER TUNE 3. RUN ERR	1. (P10.22); 2. (P10.23); 3. (P10.24);
	1. 4 2. P10.53 2 ENTER TUNE 3. RUN ERR	1. (P10.22); 2. (P10.23); 3. (P10.24); 4. (P10.25); 5. (P10.26);

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GF630N01

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	Ш
	1/5 Ш
	P10 Ч Ш Ш

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1		
2	LOCAL	
3	UP / DOWN 5Hz	
4	RUN RUN	
5	4 50Hz	
6	STOP Ш	

3

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6.1 P0

P00.00		0 65535	0	y
P00.01		0 01 02	0	T
P00.02		P23,P27 0 0 1 P11,P13,P16,P19,P20,P22,P23,P29,P30,P31 0	1	y
P00.03				
P00.04		0 1	0	y

6.2 P2

P02.00		0 MF.K 1		
P02.01	MF.K	2 3 4 0 082	0	T
P02.02	STOP			

P02.03	LED	1	0000 FFFF Bit00: 1 Hz Bit01: Hz Bit02: V Bit03: V Bit04: A Bit05: kW Bit06: % Bit07: DI Bit08: DO Bit09: AI1 V Bit10: AI2 V Bit11: AI3() V Bit12: Bit13: Bit14: Bit15: PID	1F	y
P02.04	LED	2	0000 FFFF Bit00 PID Bit01 PLC Bit02 PULSE kHz Bit03 2 Hz Bit04 Bit05 AI1 V Bit06 AI2 V Bit07 AI3() V Bit08 Bit09 Hour Bit10 Min Bit11 PULSE Hz Bit12 Bit13 Hz Bit14 X Hz Bit15 Y Hz	0	y

		0000	FFFF						
		Bit00:		Hz					
		Bit01:		V					
		Bit02:	DI						
		Bit03:	DO						
		Bit04:	AI1	V					
P02.05	LED	Bit05:	AI2	V					
		Bit06:	AI3(	)	V		33	y	
		Bit07:							
		Bit08:							
		Bit09:	PLC						
		Bit10:							
		Bit11:	PID						
		Bit12	PULSE			kHz			
P02.06		0.0001	-0000	Ö				y	

6.3

P3

		0	
		1	
P03.00	1	2	
		3	
		4	
		5	
		6	UP
		7	DOWN
		8	
		9	
		10	
		11	
		12	

31		
32		
33		
34		
35	PID	
36		1
37		2
38	PID	
39		X
40		Y
41		1
42		2
43	PID	
44		1
45		2
46		/

P03.16	DI	1	0 1 DI1 DI2 DI3 DI4 DI5	0	T
P03.17					

6.4

P4

P04.00	HDO		0 FMP 1 FMR	0	y
P04.01			0 1 2 3 FDT1 4 5 1 6 7	0	y
P04.02	2		8 9 10 11 PLC 12 13 14 15 16 AI1 AI2	2	y

17
18
19
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24
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28
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31
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34
35
36
37

2

FDT2

1
2
1
2

AI1

5

:AI1

0:

1:0.0%

P5.21 AI

AI2

0

y

AI3

0%

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6.7

P7

P07.00

0

v

L

P07.14		0 1 3 4 8 11 15 18 21 22 24 25		
P07.15		26 27: 1 28: 2 29: 30 31 PID 40 41 45 51 100 101 102		C
P07.16		105 108 110 111 112 113 114 115 118 /PG 119: 120 170 202		C

P07.17				C
P07.18				C
P07.19				C
P07.20				C
P07.21				C
P07.22				C
P07.23				C
P07.24				C
P07.25				C
P07.26				
P07.27				C
P07.28				C
P07.29				C
P07.30				C
P07.31				C
P07.32				C
P07.33				C
P07.34				C
P07.35				C
P07.36				
P07.37				C
P07.38				C
P07.39				C

P07.40	C
P07.41	C
P07.42	C
P07.43	C
P07.44	C
P07.45	
P07.46	

(,

Process	Control Type	Setpoint	Output	Feedback	Control Signal	Control Action	Control Mode	Control Type	Setpoint	Output	Feedback	Control Signal	Control Action	Control Mode
P07.49	3	1	2	0	1	27	1	28	29	30	7%	PID	31	119
P07.50	4	1	2	0	1	115	51	119	115	51	115	51	115	51

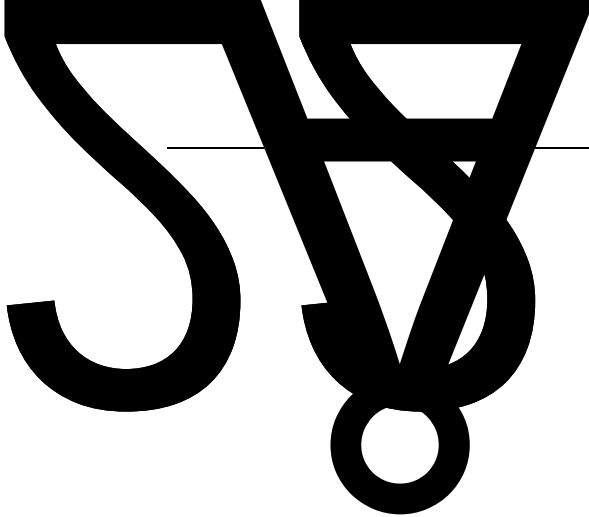
P07.55		0.0% 100.0% 100.0% P08.10	100.00%	y
P07.56				
P07.57				
P07.58				
P07.59		0 1 2	0	y
P07.60		80.0% 100.0%	90.00%	y
P07.61		0.00s 100.00s	0.50s	y
P07.62		60.0% 100.0%	80.00%	y
P07.63		0 1	0	y
P07.64		0.0 100.0	10.00%	y
P07.65		0.0 60.0s	1.0s	y
P07.66				
P07.67		0.0 50.0	20.00%	y
P07.68		0.0s 60.0s	1.0s	y
P07.69		0.0 50.0	20.00%	y
P07.70		0.0s 60.0s	5.0s	y

6.8

P8

P08.00				
P08.01	1	0 SVC 1 2 V/F	2	T
P08.02		0 LED 1 LED 2 LED	0	y
P08.03	X	0 P08.08 UP/DOWN 1 P08.08 UP/DOWN	4	T

		5		
P08.12		P08.14 P08.10	50.00Hz	y
P08.13		0.00Hz P08.10	0.00Hz	y
P08.14		0.00Hz P08.12	0.00Hz	y
P08.15		0.5kHz 16.0kHz		y
P08.16		0 1	1	y
P08.17	1	0.00s 6500.0s		y
P08.18	1	0.00s 6500.0s		y
P08.19		0 1 1 0.1 2 0.01	1	T
P08.20				
P08.21		0.00Hz P08.10	0.00Hz	y
P08.22		1 0.1Hz 2 0.01Hz	2	T
P08.23		0 1	0	y
P08.24		0 1 1 2 2 3 3 4	0	T
P08.25		0 P08.10 1 2 100Hz	0	T
P08.26	UP/DOWN	0 1	0	T
P08.27		0 1 2 AI1 3 AI2	0	y



4 AI3()
5 PULSE DI5
6
7 PLC
8 PID
9

P08.28

0
1 0 y
2
0

P08.29

6.9

P9

P09.00		0 1		0	Y
P09.01		0.0% 100.0%		0.00%	Y
P09.02		0.0% 50.0%		0.00%	Y
P09.03		0.1s 3000.0s		10.0s	Y
P09.04		0.1% 100.0%		50.00%	Y
P09.05		0m 65535m		1000m	Y
P09.06		0m 65535m		0m	Y
P09.07		0.1 6553.5		100	Y
P09.08		1 65535		1000	Y
P09.09		1 65535		1000	Y
P09.10	0	-100.0% 100.0%		0.00%	Y
P09.11	1	-100.0% 100.0%		0.00%	Y
P09.12	2	-100.0% 100.0%		0.00%	Y
P09.13	3	-100.0% 100.0%		0.00%	Y
P09.14	4	-100.0% 100.0%		0.00%	Y
P09.15	5	-100.0% 100.0%		0.00%	Y
P09.16	6	-100.0% 100.0%		0.00%	Y
P09.17	7	-100.0% 100.0%		0.00%	Y
P09.18	8	-100.0% 100.0%		0.00%	Y
P09.19	9	-100.0% 100.0%		0.00%	Y
P09.20	10	-100.0% 100.0%		0.00%	Y
P09.21	11	-100.0% 100.0%		0.00%	Y
P09.22	12	-100.0% 100.0%		0.00%	Y
P09.23	13	-100.0% 100.0%		0.00%	Y
P09.24	14	-100.0% 100.0%		0.00%	Y
P09.25	15	-100.0% 100.0%		0.00%	Y
P09.26	PLC	0 1 2			

P09.59	PLC 15	0 3	0	y
P09.60	PLC	0 s 1 h	0	y
P09.61	0	0 P09.10 1 AI1 2 AI2 3 AI3() 4 PULSE 5 PID 6 P08.08 UP/DOWN	0	y

6.10 V/F 1 P10

P10.00	VF		0	V/F			
			1	V/F			
			2	V/F			
			3	1.2	V/F		
			4	1.4	V/F		
			6	1.6	V/F	0	T
			8	1.8	V/F		
			9				
			10	VF			
			11	VF			
P10.01			0.0%			y	
			0.1%	30.0%			
P10.02			0.00Hz		50.00Hz	T	
P10.03	VF	1	0.00Hz	P10.05	0.00Hz	T	
P10.04	VF	1	0.0%	100.0%	0.00%	T	
P10.05	VF	2	P10.03	P10.07	0.00Hz	T	
P10.06	VF	2	0.0%	100.0%	0.00%	T	

P10.07	VF	3	P10.05	P10.20	0.00Hz	T
P10.08	VF	3	0.0% 100.0%		0.00%	T
P10.09	VF					

P10.26

0.01A

P12.01	1	0.01s 10.00s	0.50s	Y
P12.02	1	0.00 P12.05	5.00Hz	Y
P12.03	2	1 100	20	Y
P12.04	2	0.01s 10.00s	1.00s	Y
P12.05	2	P12.02	10.00Hz	Y
P12.06		50% 200%	100%	Y
P12.07		0.000s 0.100s	0.000s	Y
P12.08		0 200	64	Y
P12.09		0 P12.10 1 AI1 2 AI2 3 AI3() 4 PULSE 5 6 MIN(AI1,AI2) 7 MAX(AI1,AI2) 1-7 P12.10	0	Y
P12.10		0.0% 200.0%	150.00%	Y
P12.11				
P12.12				
P12.13		0 60000	2000	Y
P12.14		0 60000	1300	Y
P12.15		0 60000	2000	Y
P12.16		0 60000	1300	Y
P12.17		0 1	0	Y
P12.18				
P12.19				
P12.20		1% 300%	50%	T
P12.21		10% 500%	100%	Y
P12.22		2 10	2	Y

6.13 2 P13

P13.00	1	1 100	30	Y
P13.01	1	0.01s 10.00s	0.50s	Y
P13.02	1	0.00 P13.05	5.00Hz	Y
P13.03	2	1 100	20	Y
P13.04	2	0.01s 10.00s	1.00s	Y
P13.05	2	P13.02	10.00Hz	Y
P13.06		50% 200%	100%	Y
P13.07		0.000s 0.100s	0.000s	Y
P13.08		0 200	64	Y
P13.09		0 P13.10 1 AI1 2 AI2 3 AI3() 4 PULSE 5 6 MIN(AI1,AI2) 7 MAX(AI1,AI2) 1.7 P13.10	0	Y
P13.10		0.0% 200.0%	150.00%	Y
P13.11				
P13.12				
P13.13		0 60000	2000	Y
P13.14		0 60000	1300	Y
P13.15		0 60000	2000	Y
P13.16		0 60000	1300	Y
P13.17		0 1	0	Y
P13.18				
P13.19				
P13.20		1% 300%	50%	Y
P13.21		10% 500%	100%	Y

P13.22		2 10	2	y
P13.23	2	0 SVC 1 2 V/F	0	T
P13.24	2	0 1 1 1 2 2 3 3 4 4	0	y
P13.25		0.0% 0.1% 30.0%		y
P13` .26				
P13.27		0 100		y

6.14

P14

C 2

P15.11 PID

0.00 650.00s

0et

P16.13	VD03	0 1 40	DIx P04 DO	0	y
P16.14	VD04	0 1 40	DIx P04 DO	0	y
P16.15	VD05	0 1 40	DIx P04 DO	0	y
P16.16	VD01	0.0s	3600.0s	0.0s	y
P16.17	VD02	0.0s	3600.0s	0.0s	y
P16.18	VD03	0.0s	3600.0s	0.0s	y
P16.19	VD04	0.0s	3600.0s	0.0s	y
P16.20	VD05	0.0s	3600.0s	0.0s	y
P16.21	VD0	0 1 VD01 VD02 VD03 VD04 VD05		0	y

6.17

P19

P19.00	AI	4	-10.00V	P19.02	0.00V y
P19.01	AI	4	-100.0% +100.0%		0.00% y
P19.02	AI	4 1	P19.00	P19.04	3.00V y
P19.03	AI	4 1	-100.0% +100.0%		30.00% y
P19.04	AI	4 2	P19.02	P19.06	6.00V y
P19.05	AI	4 2	-100.0% +100.0%		60.00% y
P19.06	AI	4	P19.04	+10.00V	10.00V y
P19.07	AI	4	-100.0% +100.0%		100.00% y
P19.08	AI	5	-10.00V	P19.10	-10.00V y
P19.09	AI	5	-100.0% +100.0%		-100.00% y
P19.10	AI	5 1	P19.08	P19.12	-3.00V y

P19.11	AI	5	1	-100.0%	+100.0%	-30.00%	Y
P19.12	AI	5	2	P19.10	P19.14	3.00V	Y
P19.13	AI	5	2	-100.0%	+100.0%	30.00%	Y
P19.14	AI	5		P19.12	+10.00V	10.00V	Y
P19.15	AI	5		-100.0%	+100.0%	100.00%	Y
P19.16~							
P19.23							
P19.24	AI1			-100.0%	100.0%	0.00%	Y
P19.25	AI1			0.0%	100.0%	0.50%	Y
P19.26	AI2			-100.0%	100.0%	0.00%	Y
P19.27	AI2			0.0%	100.0%	0.50%	Y
P19.28	AI3			-100.0%	100.0%	0.00%	Y
P19.29	AI3			0.0%	100.0%	0.50%	Y
P19.30	AI1		1	0.500V	4.000V		Y
P19.31	AI1		1	0.500V	4.000V		Y
P19.32	AI1		2	6.000V	9.999V		Y
P19.33	AI1		2	6.000V	9.999V		Y
P19.34	AI2		1	0.000V	20.000mA		Y
P19.35	AI2		1	0.000V	20.000mA		Y
P19.36	AI2		2	0.000V	20.000mA		Y
P19.37	AI2		2	0.000V	20.000mA		Y
P19.38							Y
P19.39							Y

P19.48				
P19.49				

6.18 P20

P20.00	/	0 1	0	T
P20.01		0 1 P20.03 1 AI1 2 AI2 3 AI3() 4 5 6 MIN AI1,AI2 7 MAX AI1,AI2 1-7 P20.03	0	T
P20.02				
P20.03		-200.0% 200.0%	150.00%	Y
P20.04		0 10.00	0.00%	
P20.05		0.00Hz	50.00Hz	Y
P20.06		0.00Hz	50.00Hz	Y
P20.07		0.00s 650.00s	0.00s	Y
P20.08		0.00s 650.00s	0.00s	Y

6.19 P21

P21.00		0.00Hz	2.00Hz	Y
P21.01		0.0s 6500.0s	20.0s	Y
P21.02		0.0s 6500.0s	20.0s	Y

P23.10	AI2 mA	V /	0.01V/0.01mA	700AH	
P23.11	AI3	(V)	0.01V	700BH	
P23.12			1	700CH	
P23.13			1	700DH	
P23.14			1	700EH	
P23.15	PID		1	700FH	
P23.16	PID		1	7010H	
P23.17	PLC		1	7011H	
P23.18	PULSE		0.01kHz	7012H	
P23.19		(Hz)	0.01Hz	7013H	
P23.2:0			0.1Min	7014H	
P23.21	AI1		0.001V	7015H	
P23.22	AI2 /	V mA	0.001V/0.01mA	7016H	
P23.23	AI3		0.001V	7017H	
P23.24			1m/Min	7018H	
P23.25			1Min	7019H	
P23.26			0.1Min	701AH	
P23.27	PULSE		1Hz	701BH	
P23.28			0.01%	701CH	
P23.29					
P23.3:0			0.01Hz	701EH	
P23.31		Y	0.01Hz	701FH	
P23.32			1	702: -	
P23.33					
P23.34			1 Ñ	7022H	
P23.35		(%)	0.10%	7023H	
P23.36					
P23.37			0.1 □	7025H	

P23.38				
P23.39	VF	1V	7027H	
P23.40	VF	1V	7028H	
P23.41	DI	1	7029H	
P23.42	DO	1	702AH	
P23.43	DI 1(01- 4	1	702BH	
P23.44	DO 2(41- 8	1	702CH	
P23.45		1	702DH	
P23.46			702EH	
P23.47~ P23.57				
P23.58				
P23.59	(%)	0.01%	703BH	
P23.60	(%)	0.01%	703CH	
P23.61		1	703DH	
P23.62		1	703EH	
P23.63		0.01%	703FH	
P23.64		1	7040H	

6.21 3 P28

P28.00		0 1 2	0	T
P28.01		0.1kW 6553.5kW		T
P28.02		1V 2000V		T
P28.03		0.01A 655.35A <=55kW 0.1A 6553.5A >55kW		T

P28.04	0.01Hz	T
P28.05	1rpm 65535rpm	T
	0.001	
P28.06		

P29.03	0.01A	655.35A	<=55k	T
	W			
	0.1A	6553.5A	>55kW	
P29.04	0.01Hz			T
P29.05	1rpm	65535rpm		T
P29.06	0.001	65.535	<=	T
	55kW			
	0.0001	6.5535	>	
P29.07	55kW			T
	0.001	65.535	<=	
	0.0001	6.5535	>	
P29.08	55kW			T
	0.01mH	655.35mH	<=5	
	0.001mH	65.535mH	>5	
P29.09	5kW			T
	0.1mH	6553.5mH	<=55	
	0.01mH	655.35mH	>55	
P29.10	kW			T
	0.01A	P29.03	<=55k	
	W			
P29.11~ P29.36	0.1A	P29.03	>55kW	T
P29.37	0			T
	1		0	
	2			

6.23 3 P30

P30.00		1	1	100	30	Y
P30.01		1	0.01s	10.00s	0.50s	Y
P30.02	1		0.00	P30.05	5.00Hz	Y
P30.03		2	1	100	20	Y
P30.04		2	0.01s	10.00s	1.00s	Y
P30.05	2		P30.02		10.00Hz	Y
P30.06			50%	200%	100%	Y
P30.07			0.000s	0.100s		

Item	Unit	Value	Unit	Value	Unit	Value	Unit	Value
P31.09	5	μS	0	P31.10	0	0	0	0
			1	AI1				
			2	AI2				
			3	AI3	0	0	0	0
			4	PULSE		0	Y	
			5					
			6	MIN(AI1,AI2)				
			7	MAX(AI1,AI2)				
			0-7		P31.10			
P31.10			0.0%	200.0%		150.00%	Y	
P31.11								
P31.12								
P31.13			0	60000		2000	Y	
P31.14			0	60000		1300	Y	
P31.15			0	60000		2000	Y	
P31.16			0	60000		1300	Y	
P31.17			0			0	Y	
			1					
P31.18								
P31.19								
P31.20			1%	300%		50%	Y	
P31.21			10%	500%		100%	Y	
P31.22			2	10		2	Y	
			0		SVC			
P31.23	4		1			0	T	
			2	V/F				
P31.24	4							

P31.25		0.0% 0.1% 30.0%		y
P31.26				
P31.27		0 100		y

7

7.1 P0

P00.00			0
		0 65535	

P00.00

Ш

Ш

P00.00 00000

Ш

0

P00.01

0

1

2



MF.K

3

MF.K

4

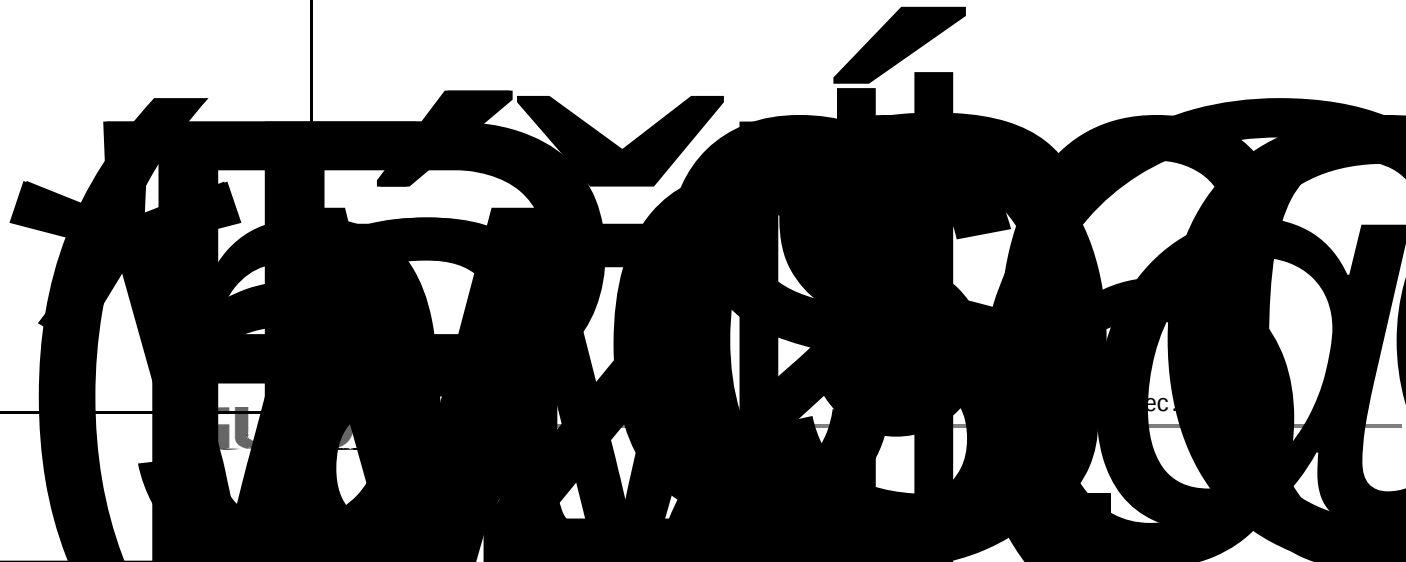
MF.K

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0 1 2 3 4 5 6 7 8 9 A B C D E F

LED

0

7 6 5 4 3 2 1 0

PLC

PULSE

2)
X

P02.04

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FFFF

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P02.06

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1.0000
1

P02.07			0
		0.0Ñ 100.0Ñ	

IGBT Ш

IGBT Ш

P02.09			0h
		0h 65535h	

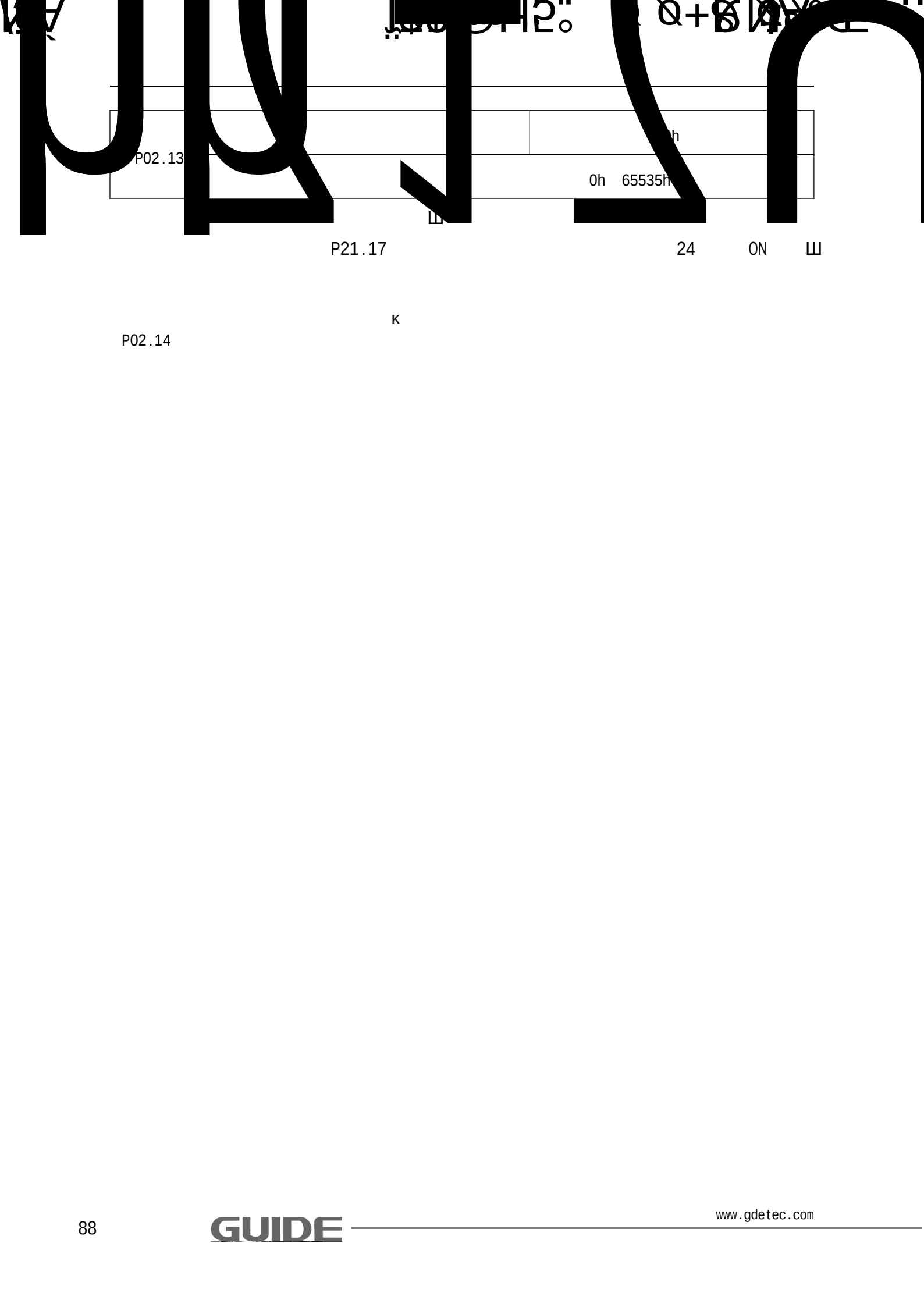
Ш

P21.17

12 ON Ш

P02.11			
		Ш	
P02.12		1	
		0	0
		1	1
		2	2
		3	3

Т Д \ К К К



P02.13		h	
		0h 65535h	

P21.17

24

ON

W

K

P02.14

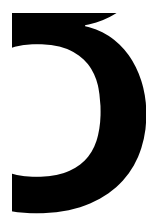
4

FJOG

FJOG

RJOG

Ш



6	1	0	1	0
7	0	1	1	0
8	1	1	1	0
9	0	0	0	1
10	1	0	0	1
11	0	1	0	1
12	1	1	0	1
13	0	0	1	1
14	1	0	1	1
15	0	1	1	1
16	1	1	1	1
0 OFF 1 ON				

2	1		
OFF	OFF	1	P08.17 ʘ P08.18
OFF	ON	2	P21.03 ʘ P21.04
ON	OFF	3	P21.05 ʘ P21.06
ON	ON	4	P21.07 ʘ P21.08

2	1		
OFF	OFF	1	P10 ʘ P12
OFF	ON	2	P11

P03.10	DI		0.010s
		0.000s 1.000s	

DI

⌌

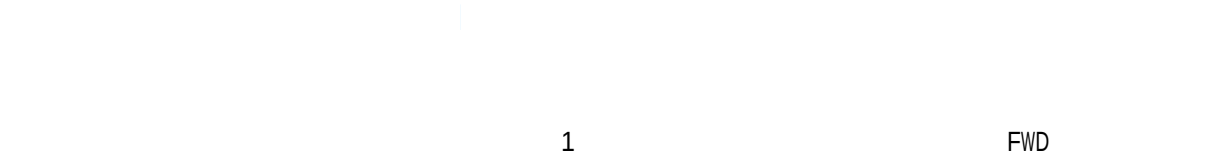
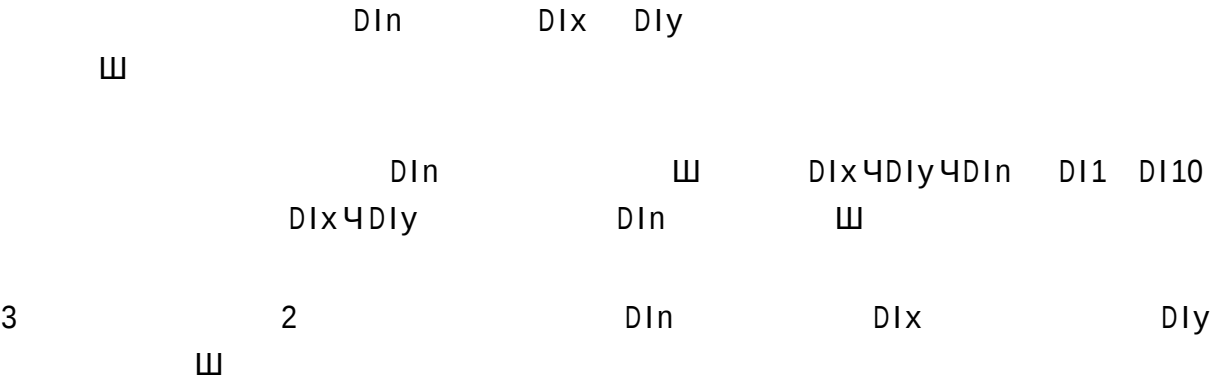
⌌

DI

⌌

P03.11

DIx	1	FWD
DIy	2	REV
DIn	3	



P03.13	D11	0.0s	
		0.0s	3600.0s
P03.14	D12	0.0s	
		0.0s	3600.0s
P03.15	D13	0.0s	
		0.0s	3600.0s

P04.01	FMR		0
P04.02	2		2
P04.03			0
P04.04	1		1
P04.05			4

5

5

Ш

0

1

2

3

4

5

6

0

1

2

3

4

5

6

ON Ш

ON Ш

FDT1 P21.19 Ч P21.20 Ш

P21.21 Ш

0 ON Ш

OFFШ

†

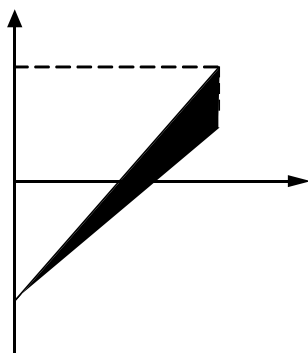
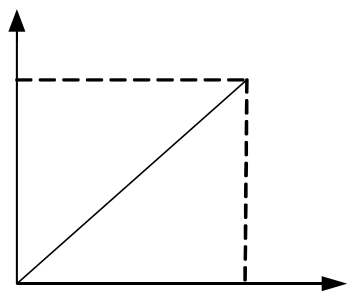
10		P09.05	ON	山
----	--	--------	----	---

11	PLC	PLC	250ms	
		山		

12		P21.17	ON	山
----	--	--------	----	---

13

ST



P05.21	AI			000
			AI1	
		0		
		1	0.0%	
			AI2	0 1
			AI3	0 1

[illegible]

7.6 P6

P06.00	FMP		0
P06.01	A01		0

F M P 0 . 0 1 k H z ~ P06.03 F M P P06.03

0.01kHz~50.00kHz

A01 0V 10V 0mA 20mA

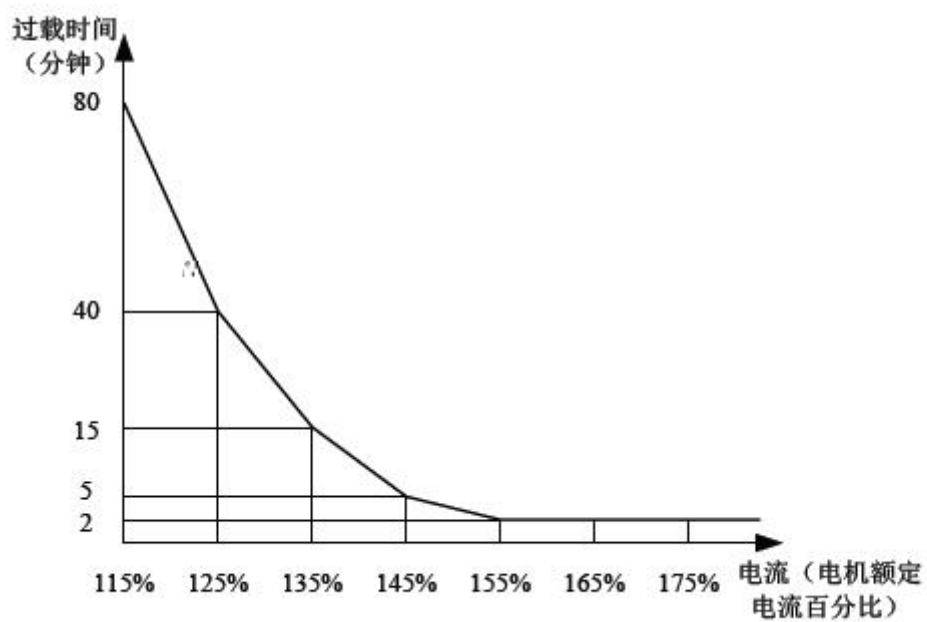
6	PULSE	0.01kHz	50.00kHz		
7	AI1	0V	10V		
8	AI2	0V	10V	0	20mA
9	AI3	0V	10V		
10		0			
11		0			
12		0.0%	100.0%		
13		0			

7.7 P7

P07.00			1
		0	
		1	
P07.01			1.00
			0.20 10.00

P07.00=0 1 =

P07.00=1 Ⅲ



30 'H . 120% 30 Ix

P07.02			80%
		50% 100%	

DO

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DO

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P07.02

P07.03

0

100

P07.04

130%

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120% 150% Ō

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P07.10	D0		1
		0 1	

D0

P07.10 ▮

P07.11			1.0s
		0.1s 100.0s	

▮

P07.12

P07.20

BI T9	BI T8	BI T7	BI T6	BI T5	BI T4	BI T3	BI T2	BI T1	BI T0
DI	DI	DI	DI	DI	DI	DI	DI	DI	DI
0	9	8	7	6	5	4	3	2	1
ON							1	OFF	

P07.21

BIT4	BIT3	BIT2	BIT1	BIT0
		1	2 FMP	
		ON	1 OFF	
0,	DI	W		

P07.22

P07.23

P07.24

P07.27

P07.28

P07.29

P07.30

P07.31

P07.32

P07.17 P07.24

P07.33

P07.34

P07.37

P07.38

P07.39

P07.40

P07.41

P07.17 P07.24

P07.42

P07.43

P07.44

P07.47	1			00000
			E011	
		0		
		1		
		2		
			E113	
			E114	
			E015	
			E0202	
P07.48	2			00000
			E118	
		0		
		1	VF	
		2	VF	
			E021	
		0		
		1		
			E111	P07.47
			E045	P07.47
			Err26	P07.7

P07.49	3			00000
			1 E027	P07.47
			2 E028	P07.47
			E029	P07.47
			E030	
		0		
		1		
		2	7%	
			PID	E031 P07.47
P07.50	4			00000
			E119	P07.47
			E115	P07.47
			E051	P07.47
			E052	P07.47

┌ └ E** ∟

┌ └ A** E**∟

┌ └ A** P07.54 ∟

P07.54				0
		0		
		1		
		2		
		3		
		4		

P07.55			100.0%
		0.0% 100.0%	

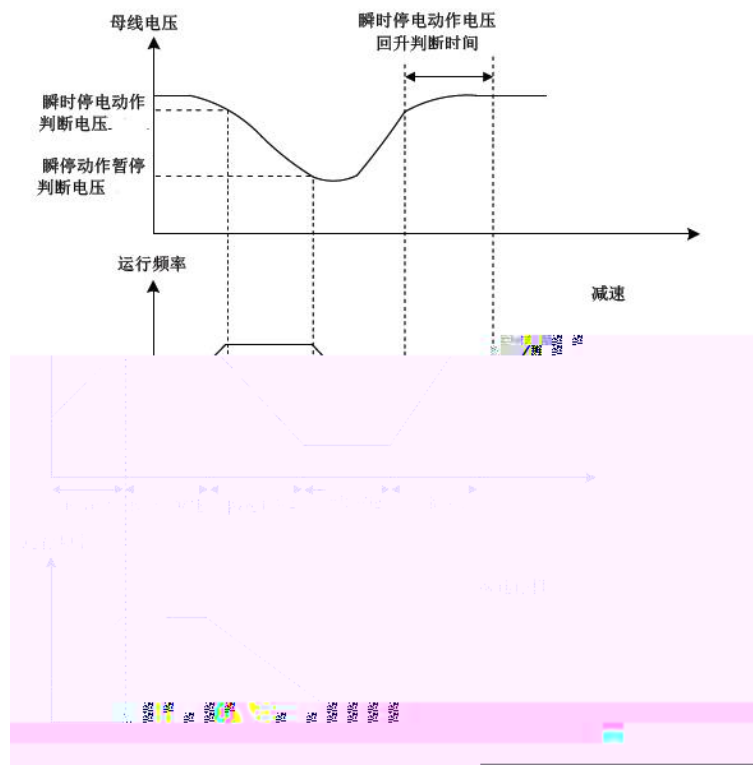
A**

P07.54

P07.55

0

P07.59



P07.63			0
	0		
	1		
P07.64			10.0%
			0.0% 100.0%
P07.65			1.0s
			0.0s 60.0s

P07.65

P07.64

7%山

山

1

2 V/F

4

W

W

W

W

P12

2

P13

W

P08.02			0
		0	LED
		1	LED
		2	LED

W

4

4

4

4

W

0

I LOCAL Ł

RUN 4 STOP/RES

W

1

I LOCAL Ł

FWD 4 REV 4 JOGF 4 JOGR

W

2

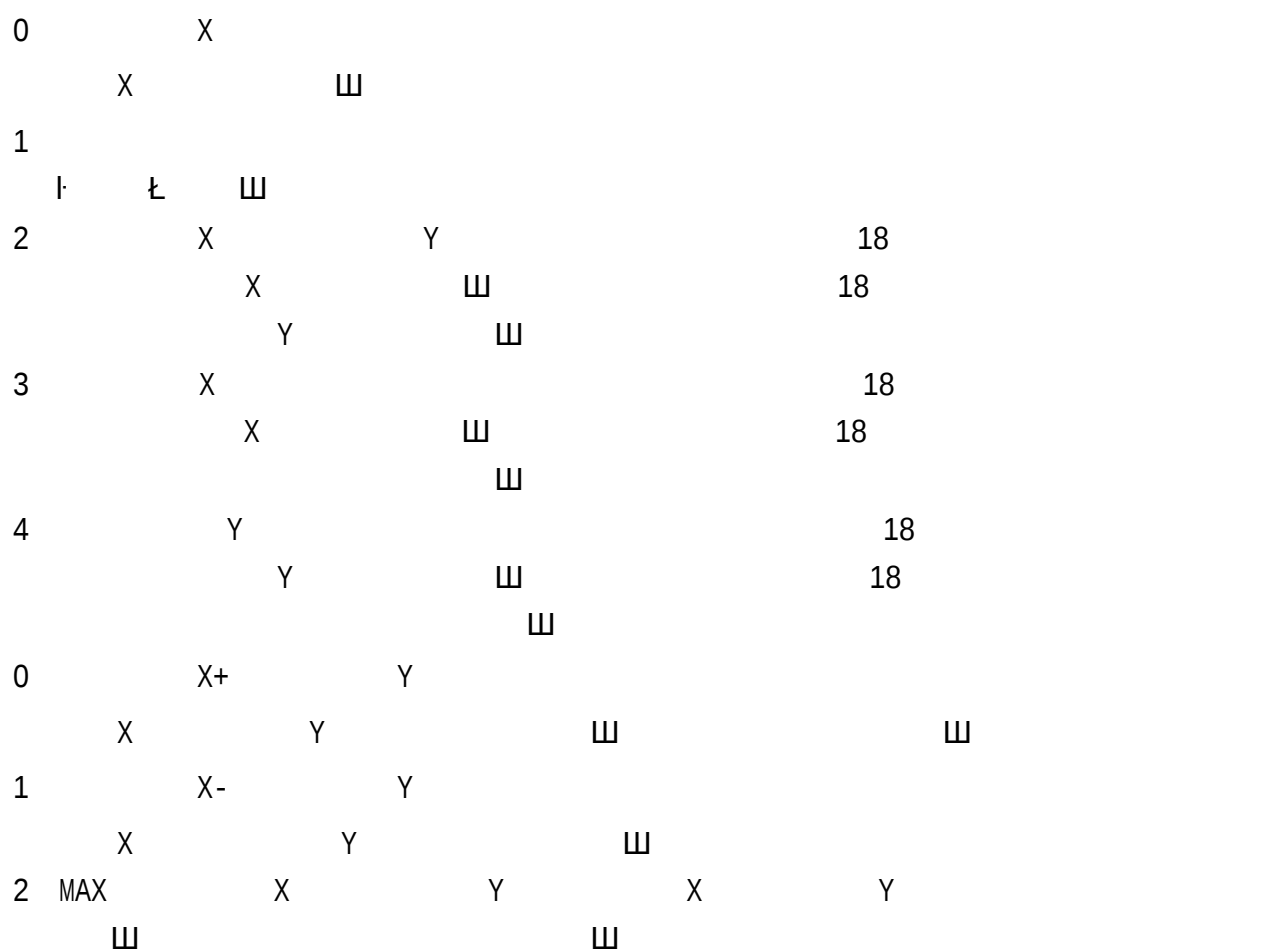
I LOCAL/REMOT Ł

W

W

P08.03	X		0
		0	P08.08 UP/DOWN
		1	P08.08 UP/DOWN
		2	AI1
		3	AI2
		4	AI3
		5	DI5
		6	
		7	PLC

3				Y
	X		P08.03	P08.04
		W		
			Y	0
	P08.05		0	
			1	X
			Y	0
	P08.06			
				0% 150%



P08.08

50.00Hz

□

100%

P08.12□

┆ ┆

□

P08.12			50.00Hz
		P08.14	P08.10
P08.13			0.00Hz
		0.00Hz	P08.10

PULSE

P08.13

P08.11

□

P08.14			0.00Hz
		0.00Hz	P08.12

P08.14

P08.16			0
		0 1	

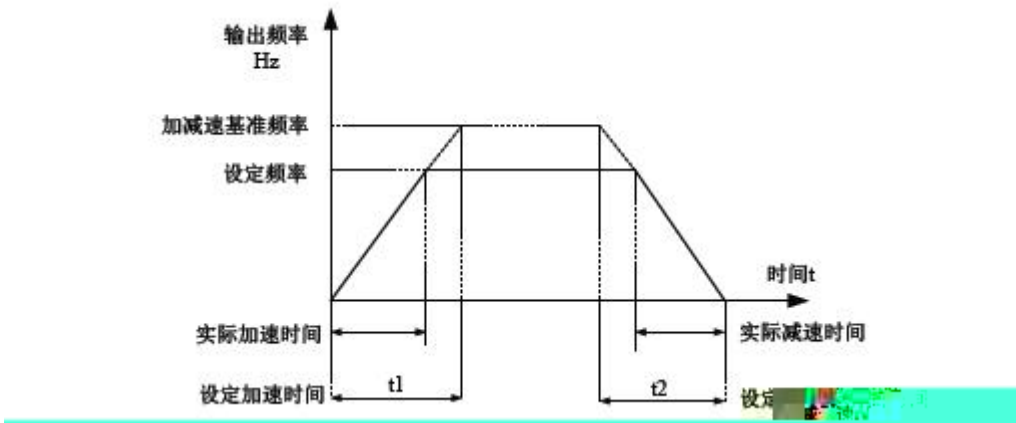
P08.17	1		
		0.00s 6500.0s	
P08.18	1		
		0.00s 6500.0s	

P08.25

t1

P08.25

t2



GF630N01 4

DI

P08.17 ʘ P08.18
P21.03 ʘ P21.04
P21.05 ʘ P21.06
P21.07 ʘ P21.08

P08.19				1
		0	1	
		1	0.1	
		2	0.01	

GF630N01

3

1

0.1

0.01

P8

P08.21				0.00Hz
			0.00Hz	P08.10

P8.21

P08.22				2
		1	0.1Hz	
		2	0.01Hz	

0.1Hz

GF630N01

500Hz

0.01Hz

GF630N01

500.00Hz

P08.23				0
		0		
		1		

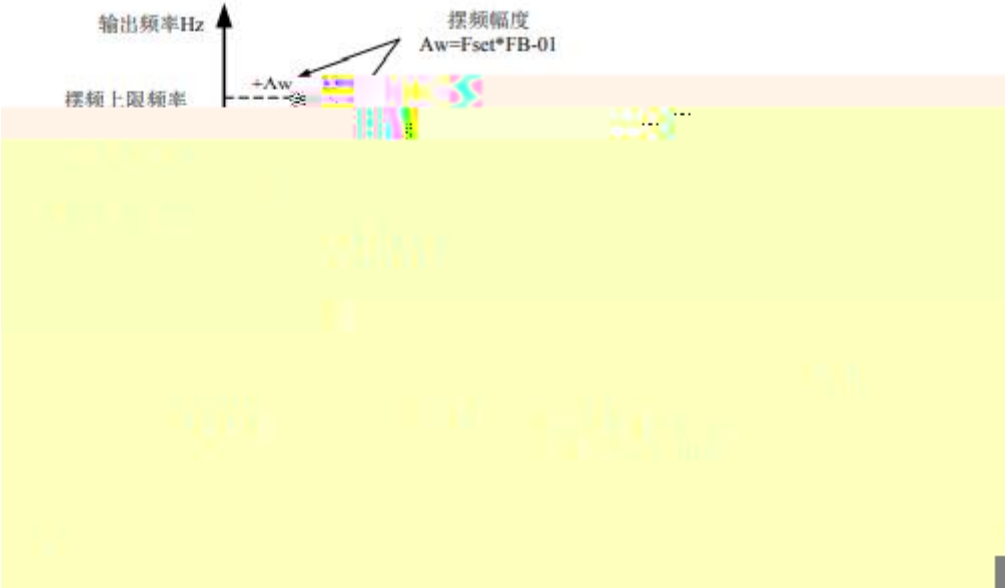
P08.08

UP Ч DOWN

UP Ч DOWN

0082331

B



P09.00			0
		0	
		1	

0			
1			

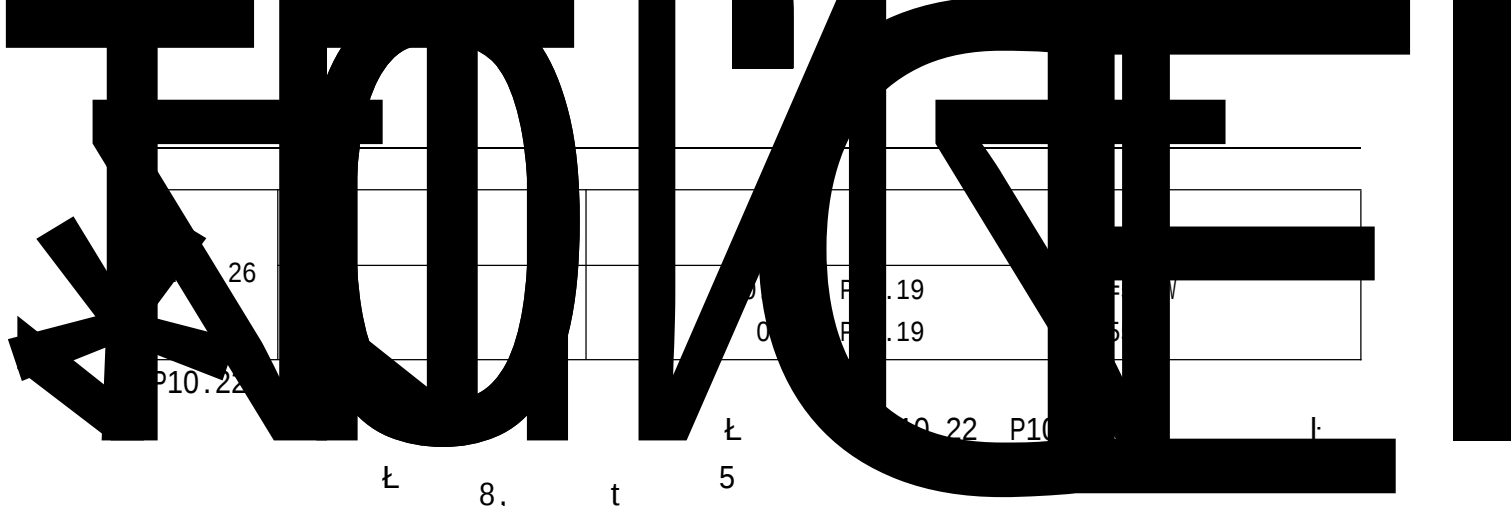
P09.01			0.0%
			0.0% 100.0%
P09.02			0.0%
			0.0% 50.0%

		-100.0% 100.0%	
P09.17	7		0.0%
		-100.0% 100.0%	
P09.18	8		0.0%
		-100.0% 100.0%	
P09.19	9		0.0%
		-100.0% 100.0%	
P09.20	10		0.0Hz
		-100.0% 100.0%	
P09.21	11		0.0%
		-100.0% 100.0%	
P09.22	12		0.0%
		-100.0% 100.0%	
P09.23	13		0.0%
		-100.0% 100.0%	
P09.24	14		0.0%
		-100.0% 100.0%	
P09.25	15		0.0%
		-100.0% 100.0%	

□
□
VF
□
PID

□
PID
VF
PID
□

□
DI
-100.0%~100.0%
P3



P10.26		P10.17		P10.18		P10.22	
5		5		Y		山	

山

P10.53			0	
		0		
		1		
		2		

- 0 山
- 1 山 P10.16~P10.21山
- 2 P10.22 UNP10.24 山 山

P21.03		20.0s
		0.0s 0.0s
P08.38=0 Ⅲ		
P08.28 = 0		

P21.03	2	20.0s
		0.0s 6500.0s

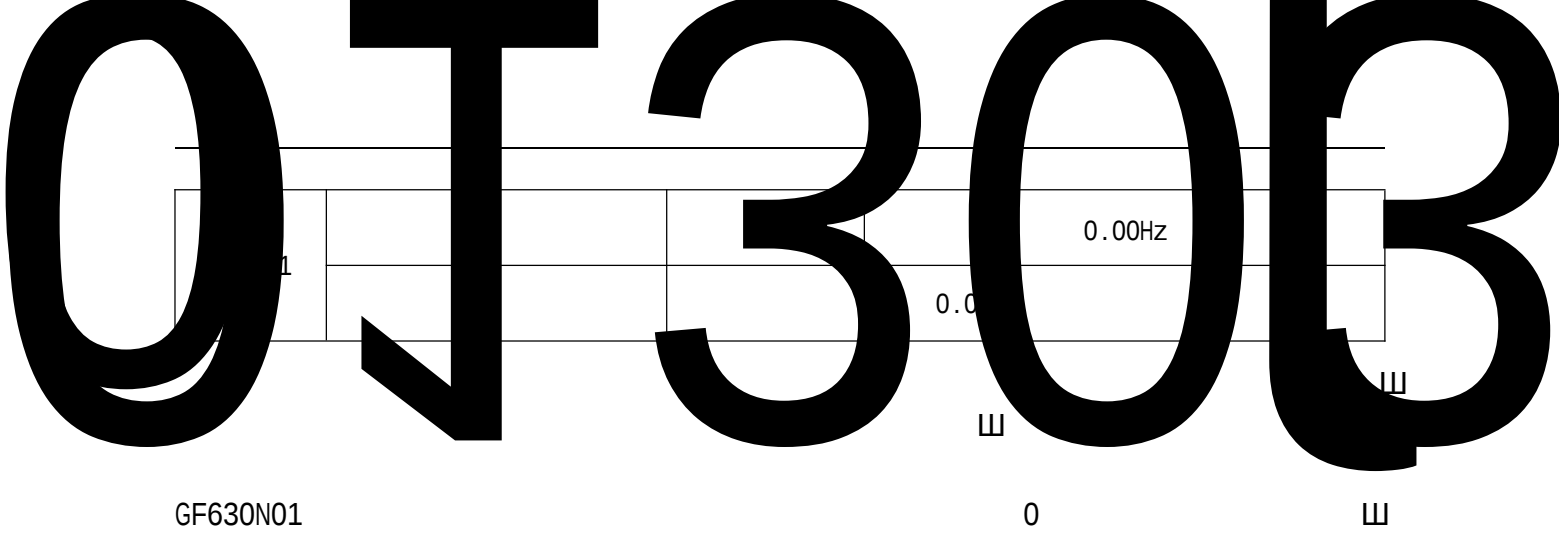
P21.04	2	20.0s
		0.0s 6500.0s

P21.05	3	20.0s
		0.0s 6500.0s

P21.06	3	20.0s
		0.0s 6500.0s

P21.07	4	20.0s
		0.0s 6500.0s

P21.08	4	2000s
		0.0s 6500.0s



P21.12			0.0s
		0.00s 3000.0s	

0Hz

P21.13 0 0

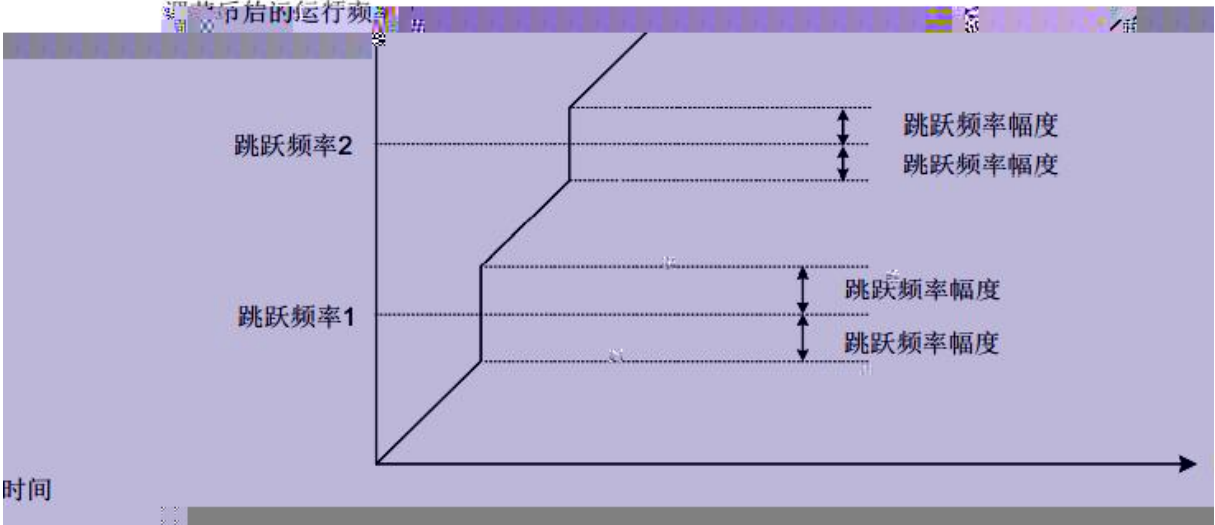
P21.14				0
		0		
		1		
		2		

P21.22			0
		0 1	

山

山

山



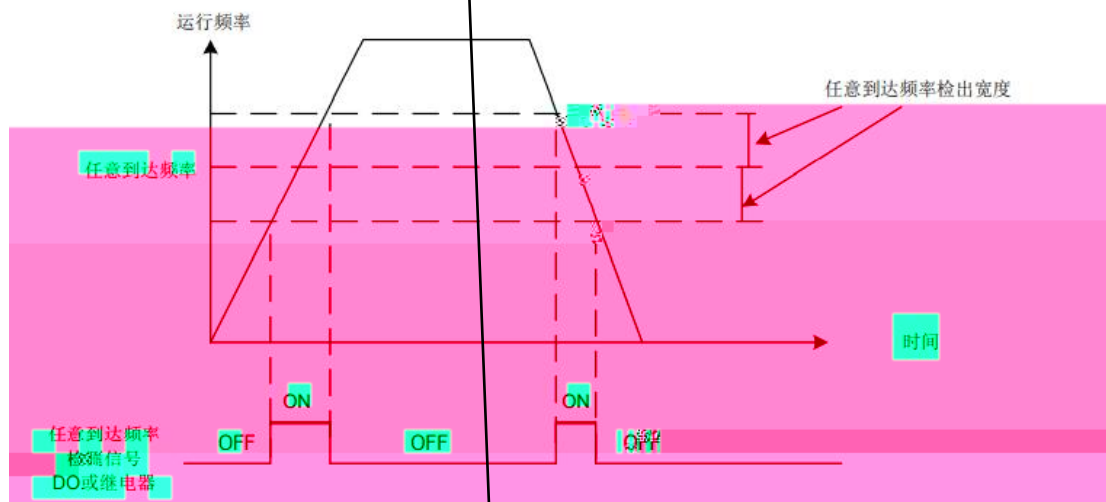
P21.25	1	2		0.00Hz
				0.00Hz
P21.26	1	2		0.00Hz
				0.00Hz

1

DI

山

山



P21.42			0
		0	
		1	
P21.43			0
		0	P21.44
		1	AI1
		2	AI2
		3	AI3
			100% P21.44
P21.44			0.0Min
			0.0Min 6500.0Min



AI1

A

山

	1 4		1 4
	2 4		2 4
E100			
	3 4		3 4
	4 4		4 4
	1 4		1 4
	2 4		2 4
E101			
	3 4		3 4
	4 4		4 4
	1 4		1 4
E102	2 4		2 4
	1 4		1 4
	2 4		2 4
E105			3 4
	3 4		4 4
	4 4		5 4
	5 4		6 4
	6 4		
	1 4		1 4
E108	2 4		2 4
	1 4		1 4
	2 4		2 4
			3 4
	3 4		4 4
E110	4 4		5 4
	5 4		6 4
	6 4		7
	7 4	V/F	
	8 4		

	1 4		1 4
	2 4		2 4
E114			
	3 4		3 4
	4 4		4 4
	1 4		1 4
E115	2 4	P07.67 4	2 4
	P07.68		
	1 4		1 4
E119	2 4	P07.69 4	2 4
	P07.70		
	1 4		1 4
	2 4		2 4
E120	3 4		
	4 4		
	5 4		

9

1.

9.2

	1. Ч 2. Ч	1. > 40Ñ < 95% 2. Ч
	1. 2.	1. 2.
	1. Ч 2. 3. Ч	1. Ч 2. Ч 3.
	1. Ч 2.	1. Ч 2. Ч
Ч	1. 2.	1. 2.

9.3

	Ч	
	Ч	
	Ч	
	2	1 2
PCB	Ч	

9.4

W

5

W

W

W

5

W

14	Ш
24	Ш
34	Ш

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