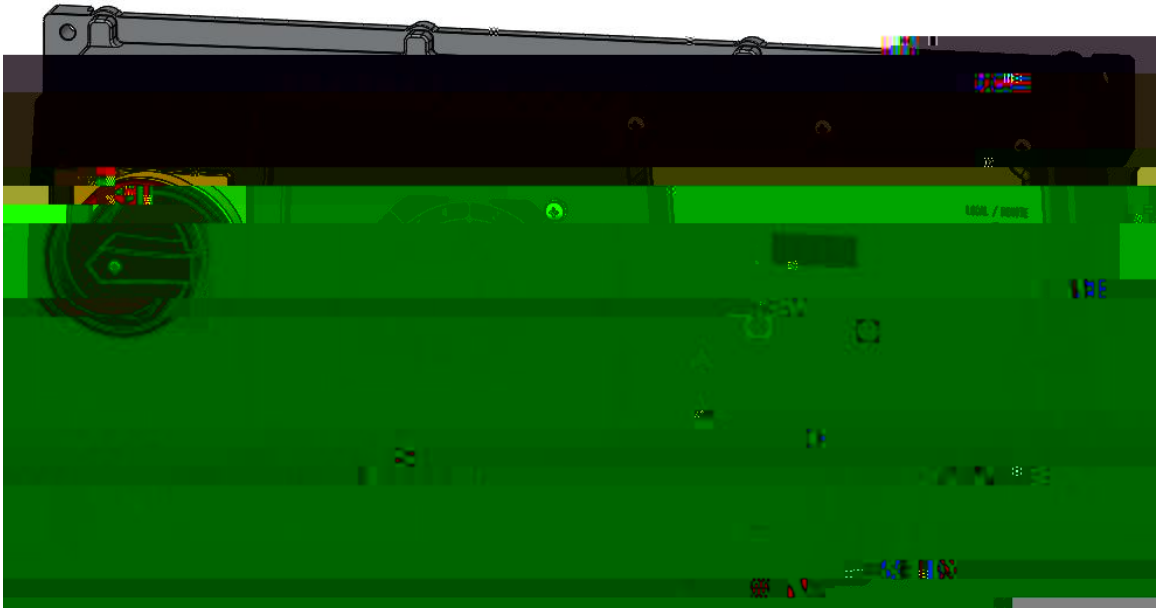
GF630N03

1.02



أ كج أ

أ كج GF630N03 كج أ

ج غ ضي

كج أ U ـ U ج

غ

ضرپا ~ ضي كج أ

يد ~ ~ Uق

أ 3

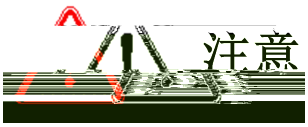
~

1 ج ضي

2 ج غ ضي غ



ضي U U كح П П П П



ج

ضي شي شي شي

غ 3 ج

U ج

ج ذ ج ج



ج قمم قمم ج

أ ٦ ج ج ج

ج تحم ٦

ج

أ شخ ج

2



غ ج

ج

ج غ نهـ كح

ضي شي شي ج

ج ضي

غ IEC ضر غ



ج 2

كد أ ٢ ج

2

ض ٦

U

10

غ ج ض ٦

ESD

ج شخ

ج ٦ شخ

ك

ج ٦ شخ

كح ٥ ٦ شخ

غ ج نھ

شخ

ج

U ج ٦

ض ٦

ض غ ج ٦

يجـ ج , 2

ج عجـ

1

ضي ضر

RCD كج RCM ذ

RCD كج RCM

ضي B قمم كج RCD ضي كج RCD

Ω غ ~ غ ضر

RCD RCD

2

ضي U غج

كج أ كج أ شخ

500V قمم 5M

Ω

3

ضي كج أ مخ كج أ كج أ

شخ أ U

كج أ

1 ج 1
1.1 ُهم 1
1.2 3
1.3 5
1.4 6
1.5 ج 6
1.6 8
1.7 أ ح 8
1.8 أ ح غ 8
2 9
2.1 ي 9
2.2 10
2.3 11
2.4 ح 11
2.5 11
3 12
3.1 أ ح 12
3.2 h 13
3.3 15
4 20
4.1 20
4.2 ي 22
4.3 25
5 36
5.1 36
5.2 37
5.3 U 37
5.4 38
5.5 38
5.6 39
6 أ ح 42
6.1 P0 42
6.2 P3 43
6.3 P4 44
6.4 P5 46
6.5 P6 47
6.6 P7 48
6.7 1 Ω P8 50
6.8 2 Ω P9 53
6.9 3 Ω P10 56
6.10 4 Ω P11 59
6.11 1 P12 62
6.12 2 P13 65
6.13 3 P14 67
6.14 4 P15 70
6.15 1 V/F P16 72
6.16 2 V/F P17 75
6.17 3 V/F P18 78
6.18 4 V/F P19 81

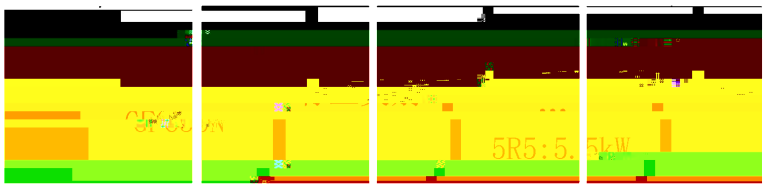
6.19 1 P20 83
6.20 2 P21 87
6.21 3 P22 91
6.22 4 P23 95
6.23 CAN P31 100
6.24 MODBUS P32 100
6.25 P33 100
7 110
7.1 110
7.2 111
7.3 112
7.4 112
7.5 113
7.6 Ω 116
7.7 ė 119
7.8 ė V/F 120
7.9 124
7.10 128
7.11 129
8 133
8.1 ƥ 133
8.2 134
8.3 138
9 140
9.1 ė 140
9.2 140
9.3 141
9.4 142
9.5 142
AMODBUS ..... 14:...

1 ج

1.1 ممم

أ ر مم ح

GF630N 03 ___ □□□ ___ 4



ج ممم

A	GF630N أ ر
B	03 أ ر
C	~ 3 0R7:0.75kW 5R5:5.5kW
D	4 400V

GF630N03 أ ر ـ 5.5k

ج

ممم GF630N03-5R5-4 GF630N03 أ ر 5.5kW

Ď,

0-480V 0-300Hz ĩ ك غ مخ مخ

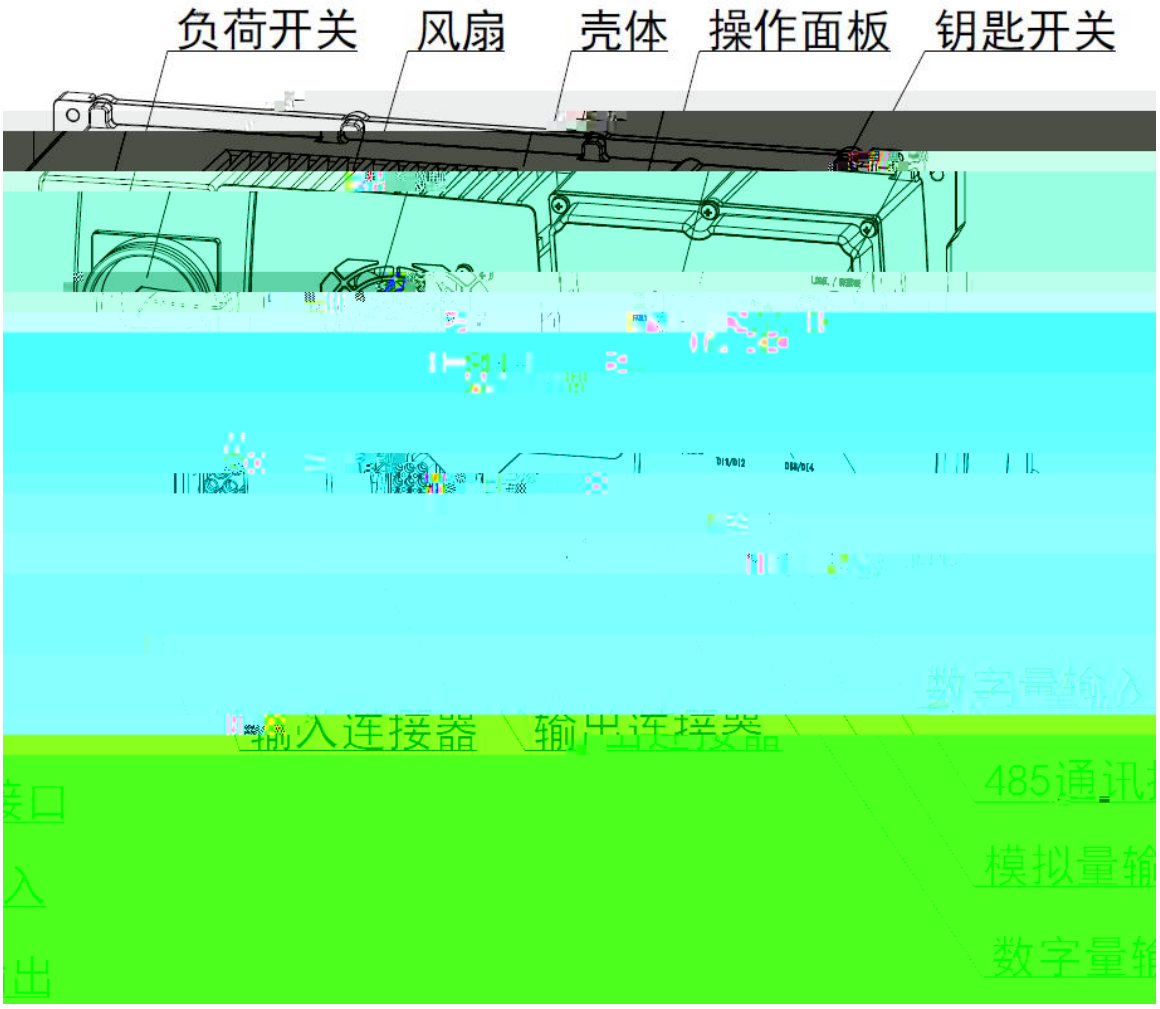
GF630N03 ĩ ك ج

ممم	[A]	[kW]	مم
GF630N03-0R7-4	3.3	0.75	N1
GF630N03-1R5-4	4.8	1.5	
GF630N03-2R2-4	5.7	2.2	
GF630N03-3R7-4	10.2	3.7	N2
GF630N03-5R5-4	13.5	5.5	

1 150% 5 1

2 GF630N03 ĩ ك ممم

3 ممم U



3.7-5.5kW ج ز

1.3

N1 غم 0.7-2.2kW غم يد

N2 غم 3.7-5.5kW غم يد

1.4

	mm				mm		8.8	kg
	H	W1	W2	D	A	B	φ	M	
0.7kW	445	215	210	115	425	195	φ6	4-M5	6.8
1.5kW									
2.2kW									
3.7kW	445	215	210	115	425	195	φ6	4-M5	7.2
5.5kW									

1.5 ج ■

380V 480V

50/60Hz

0 15% +10%

أ مخ fLN ± 2 ± 4

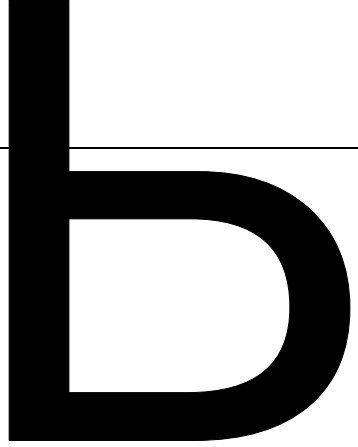
أ ≤ 2 fLN/s

مخ 0

ض مخ ك ن ∃

	Ω غ
	PID ~
	~ شجـ شجـ PID شجـ كح شجـ شجـ / كح / / /
	ضي +10V 0 1 4
	ضي 2 2
	~ ~ LED شخ
شي	أ غ
	1000 شي 1000 100 1% 3000 h ٣
	-10 +40 40 1 1% 50 h ٣ -10
	95%RH
	-20 +60 كح أ 10-30
	98%
	IP54
	2
كل	≤ 80db

1.6



2.2

O		
EMC		
		a) b) 100m
dv/dt		dv/dt

2.3

	A	/ mm² CEFR 40%	A (AC-3)
0.7 kW	2.6	2.5	9
1.5 kW	4.0	2.5	9
2.2 kW	5.7	2.5	9
3.7 kW	10.2	2.5	12
5.5kW	15.0	2.5	18

2.4

	2%		1%	
0.7 kW	3.0A	4.67mH	2.6A	2.69mH
1.5 kW	4.8A	2.92mH	4.0A	1.75mH
2.2 kW	6.8A	2.06mH	5.7A	1.22 mH
3.7 kW	12A	1.17mH	10.2A	0.69mH
5.5kW	18A	0.78 mH	15A	0.47mH

2.5

	Ω	Ω	KW 30% Kc	KW 50% Kc
0.7 kW	750	100	≥0.2	≥0.35
1.5 kW	400	100	≥0.5	≥0.7
2.2 kW	250	78	≥0.8	≥1
3.7 kW	100	64	≥2.0	≥2.5
5.5kW	100	40	≥2.0	≥2.5

1 100%
2 Kc
3

3

3.1 أ كج

نهضيديشي

عمم نهطم ضي ضي شي شي ~ ضي شي

غ غ 6

3

-10 +40
40

1 1% -20 +60 أ -20 +60
50 h ٣ 1 /

-10

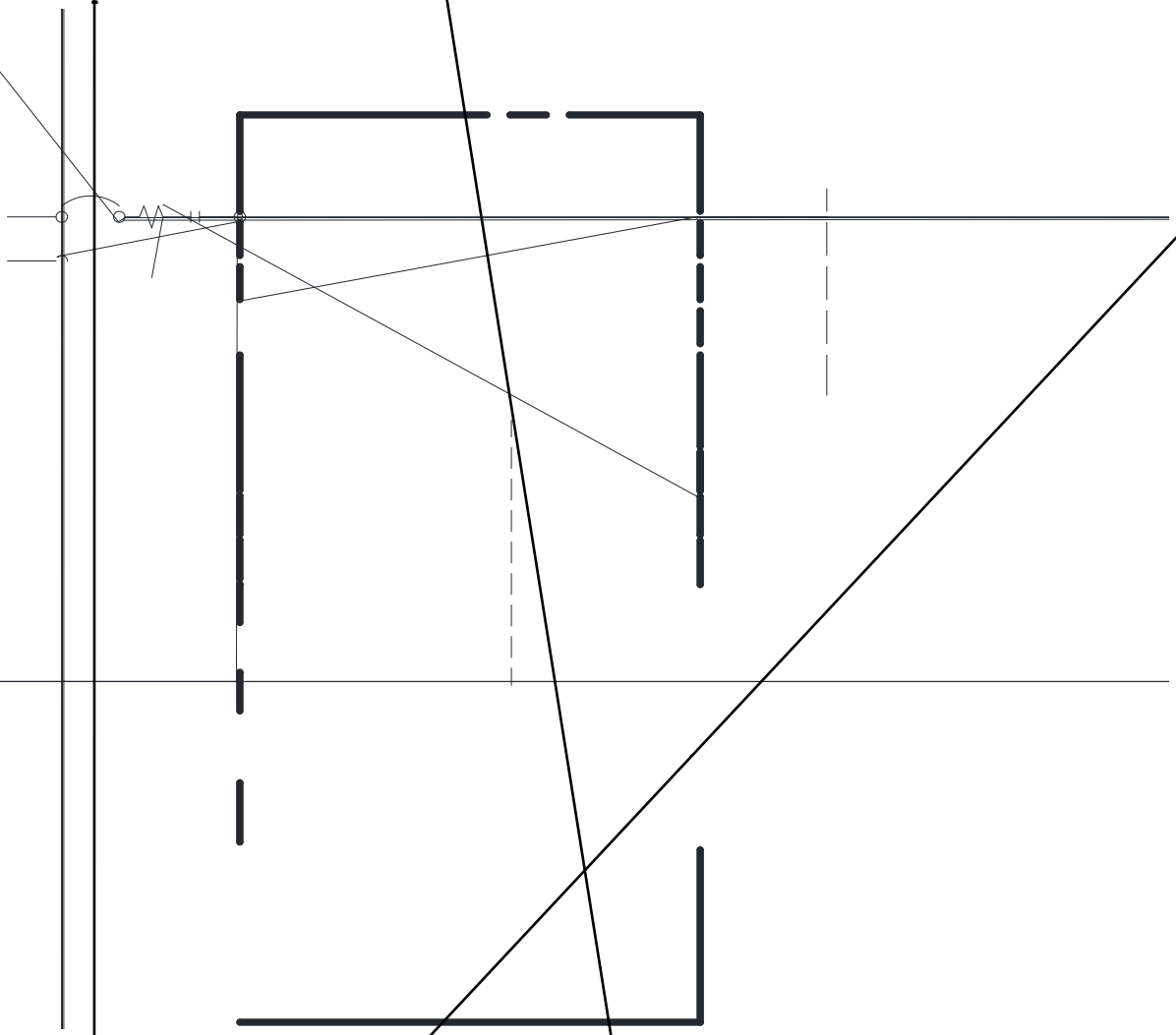
70 106 kPa 70 106 kPa 60 106 kPa
0.7 1.05 0.7 1.05 0.6 1.05

10Hz ≤ f ≤ 57Hz 10Hz ≤ f ≤ 57Hz
0.075mm 0.075mm

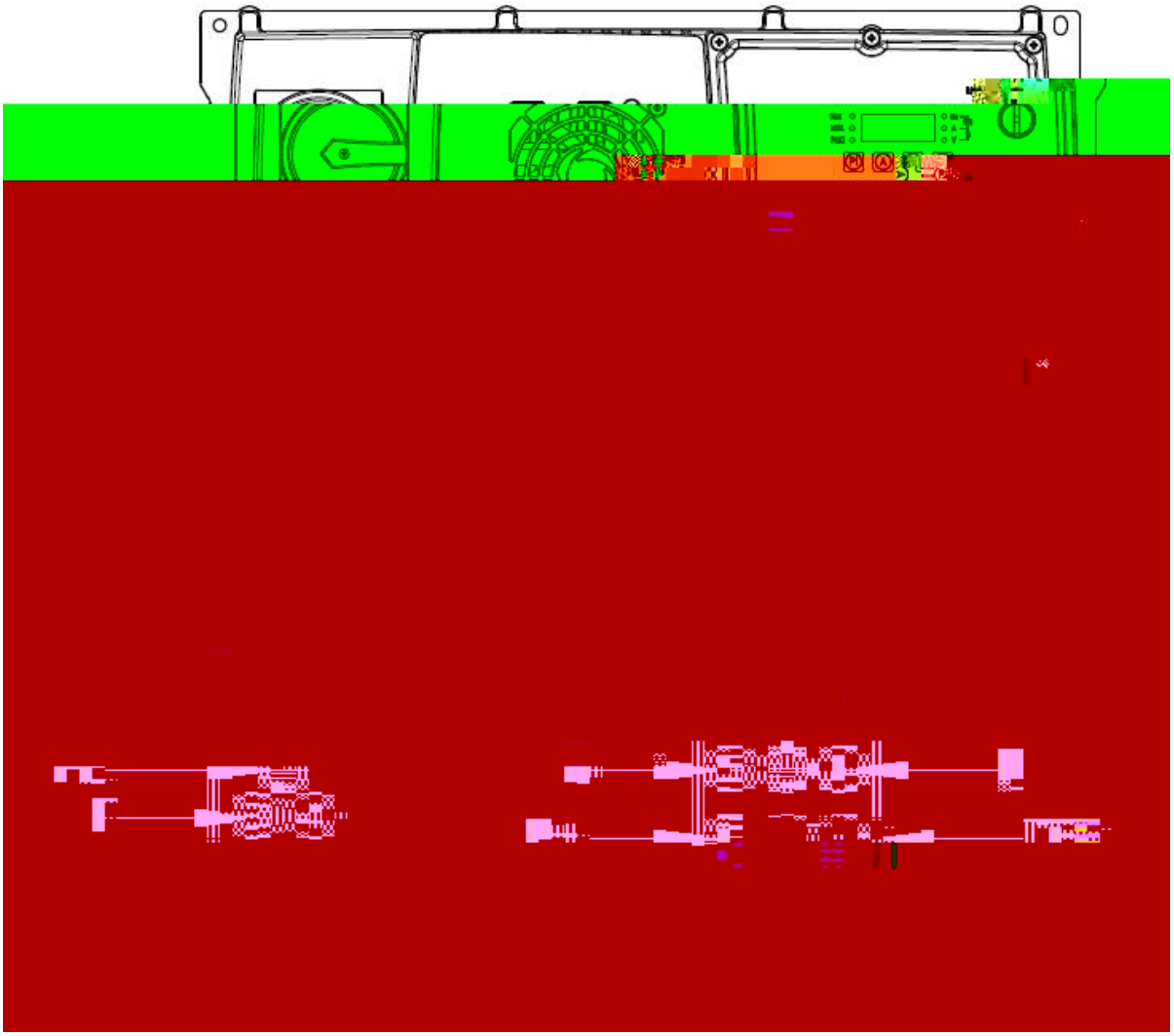
57Hz ≤ f ≤ 150Hz 9.8 57Hz ≤ f ≤ 150Hz < 0
m/s2

3.3

3.3.1

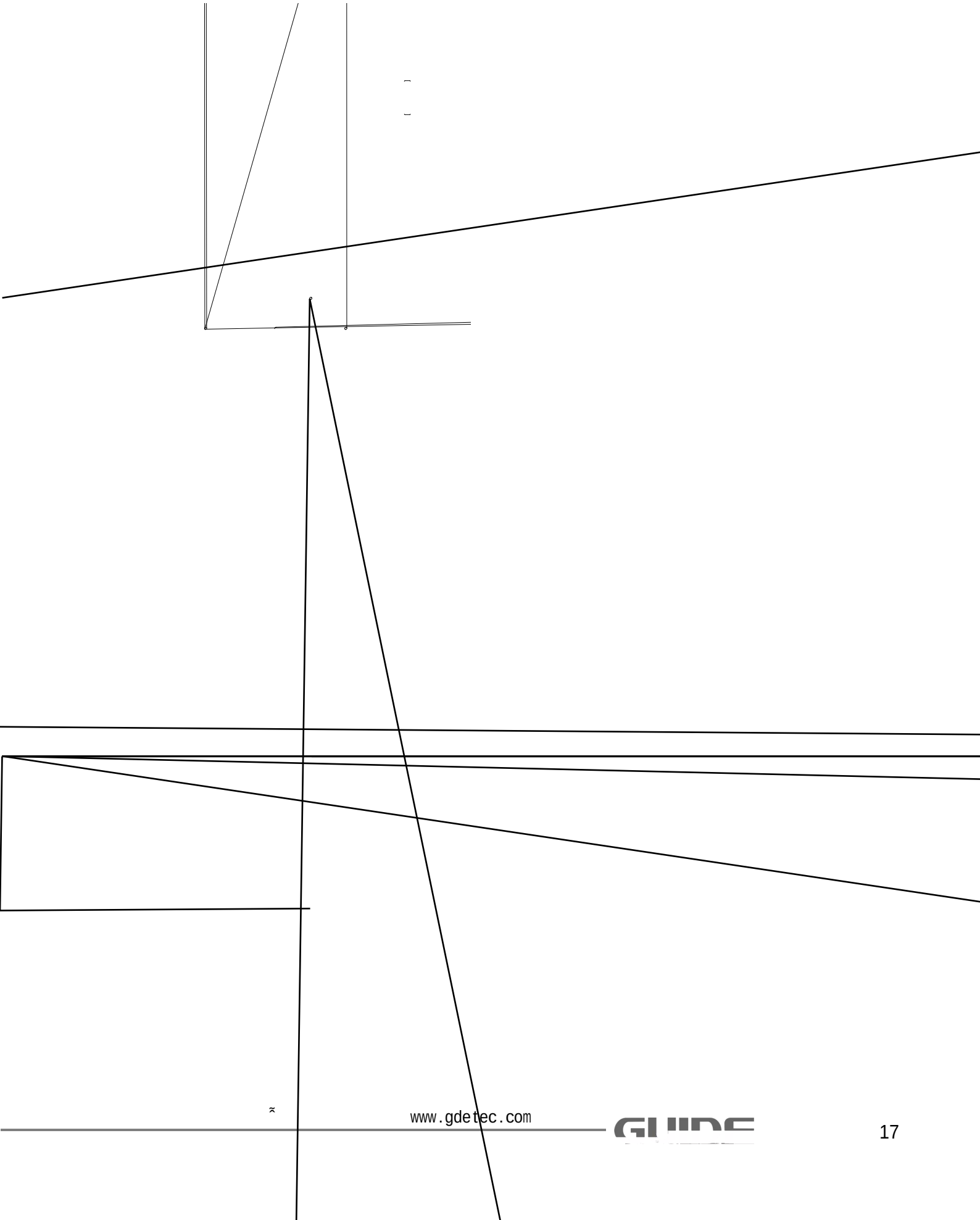


3.3.2



2

R S

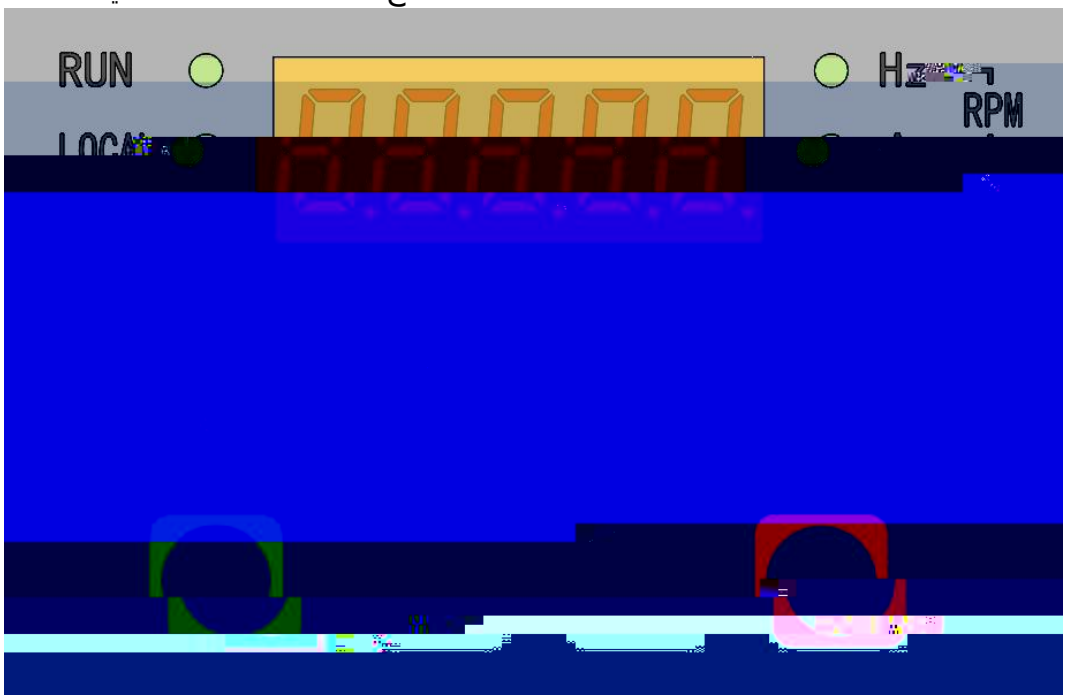


3.3.3

4

4.1

4.1.1 LED



1 LED

“ RUN ” ضي ٦

“ LOCAL ” ضر / ضي ضر

“ FAULT ” ضي

“ HZ ” ضي Hz RPM ٦

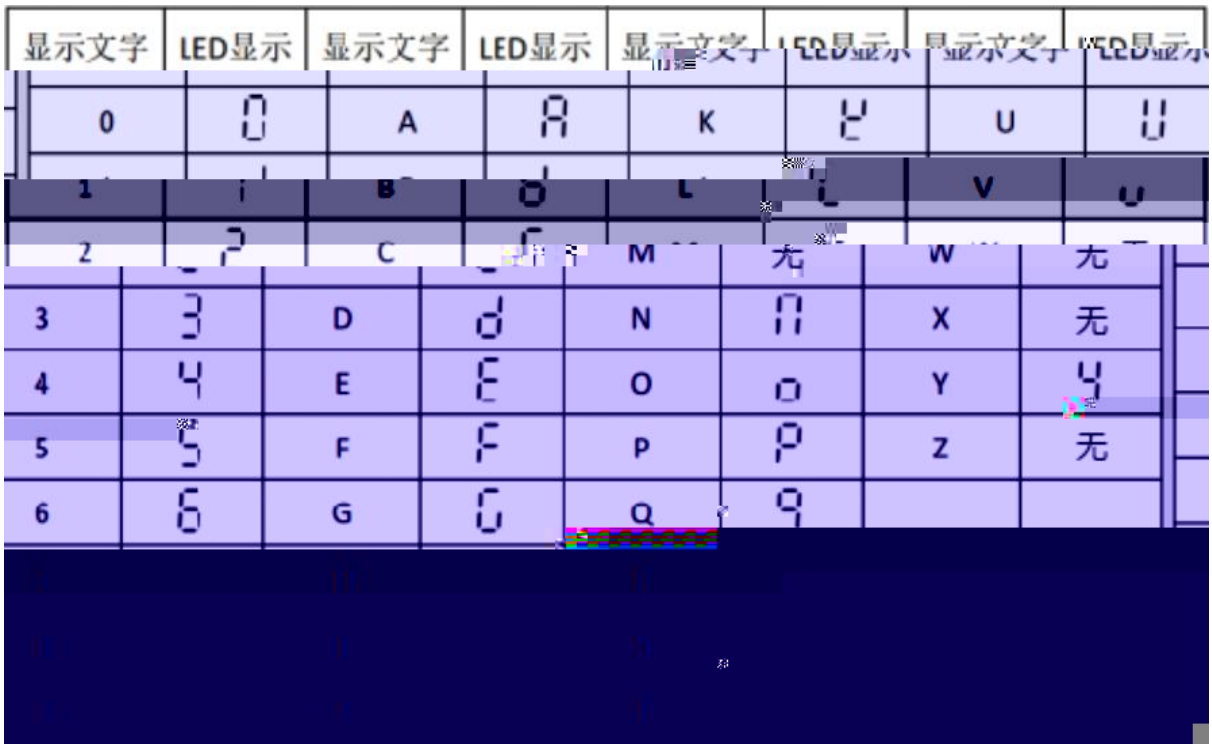
“ A ” ضي A RPM % ٦

“ V ” ضي V % ٦

2 LED LED

5 LED

LED


显示文字
LED显示
显示文字
LED显示
0
A
K
U
1
B
L
V
2
C
M
W
3
D
N
X
无
4
E
O
Y
5
F
P
Z
无
6
G
Q

O


F1

عجـ


LOCAL / REMOTE

ضر /

ضر /

		
		Ω
		

4.2 ﻱ

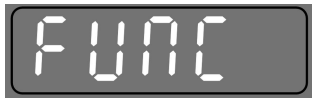
LED		
		HZ
		A
		V
		
		V



MON



REFST



FUNC

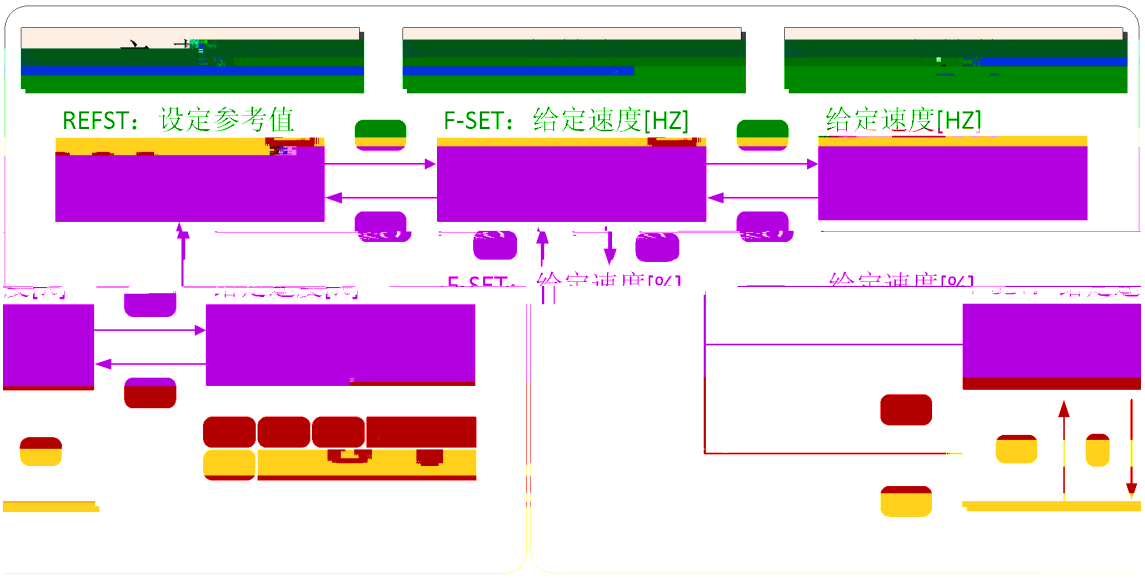


PAR


主菜单
二级子菜单
PARA：参数设置
PASE1：参数设置

1

2 REFST

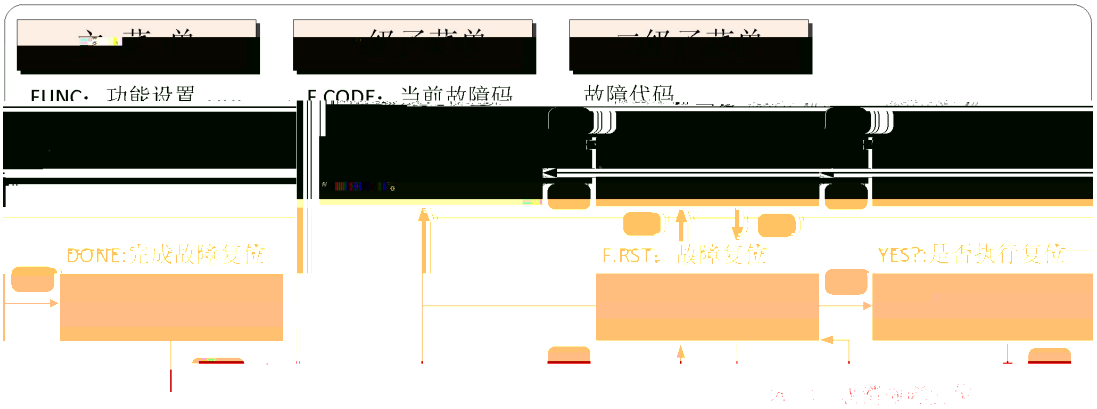


REFST	F-SET		[Hz]	Hz
	F-SET		[%]	%
	T-SET		[%]	%
	TLIM		[%]	%
	A1SET	1	[%]	1
	A2SET	2	[%]	2

3 FUNC

FUNC

ENTER



FUNC	F.CODE		
	F.RST		
	F.HIS		
	F.CLR		
	SY.RST		
	DATE		
	DR.VER		
	PD.VER		

F.CODE 5 ESC

F.RST ENTER U YES ?

ENTER U DONE ESC

CANCE.

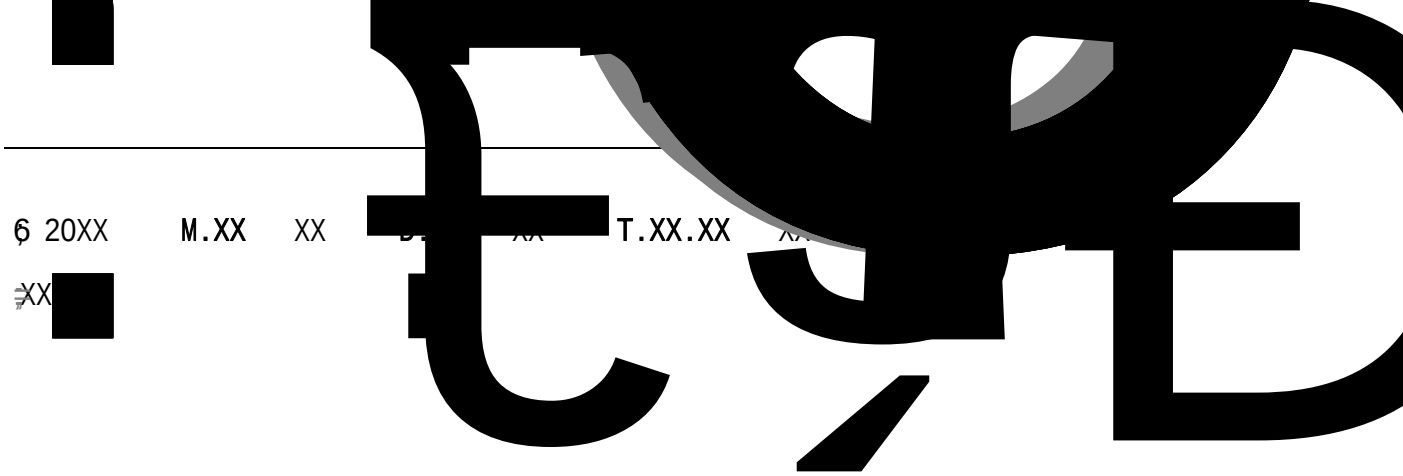
F.HIS ENTER U

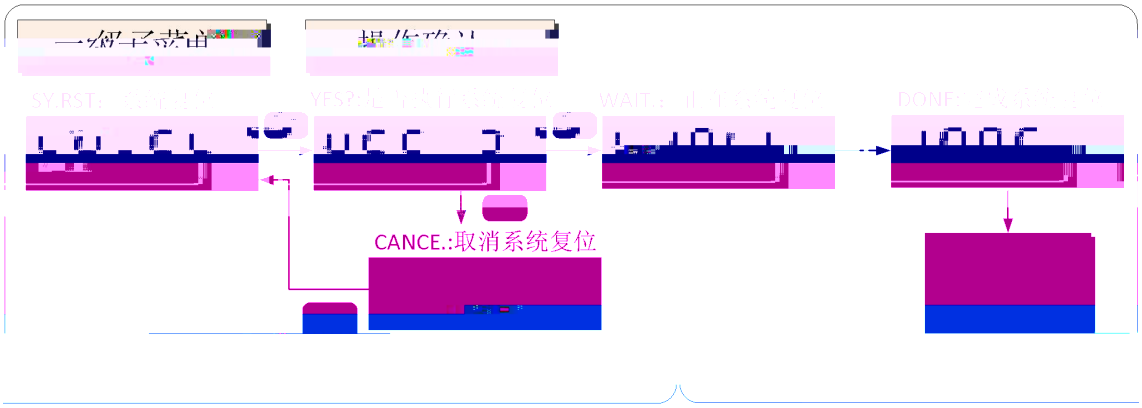
S-XXX XXX XX.EEE

XX 0 0 EEE

ENTER

ER.XXX Y.20XX



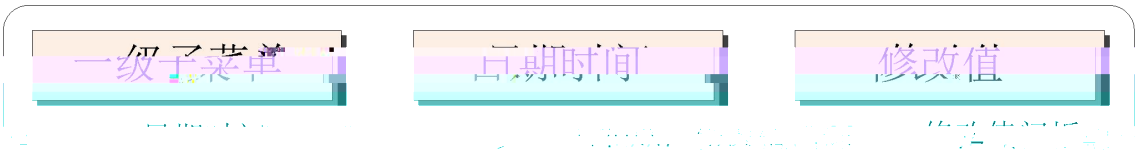


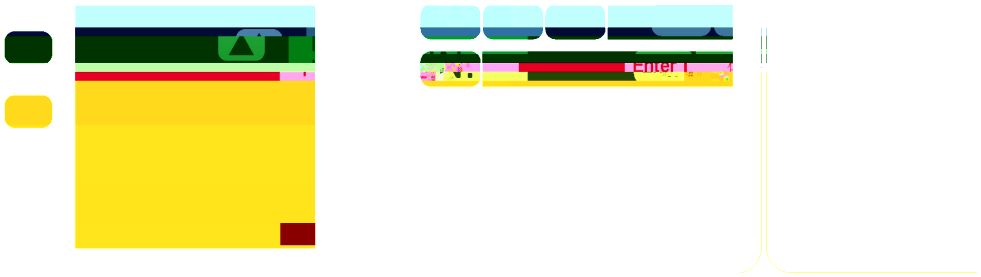
DATE ENTER U

ENTER

ENTER

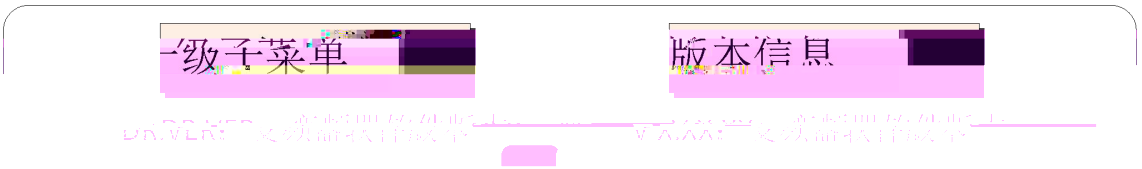
DATE	Y.20XX		20XX
	MO.XX		XX
	DAY.XX		XX
	XXXX.		MON. TUES. WED. THUR. FRI. SAT. SUN.
	H.XX		XX
	M.XX		XX
	S.XX		XX





DR.VER ï ENTER U VX.XX

5 U



PD.VER ENTER U VX.XX

5 U

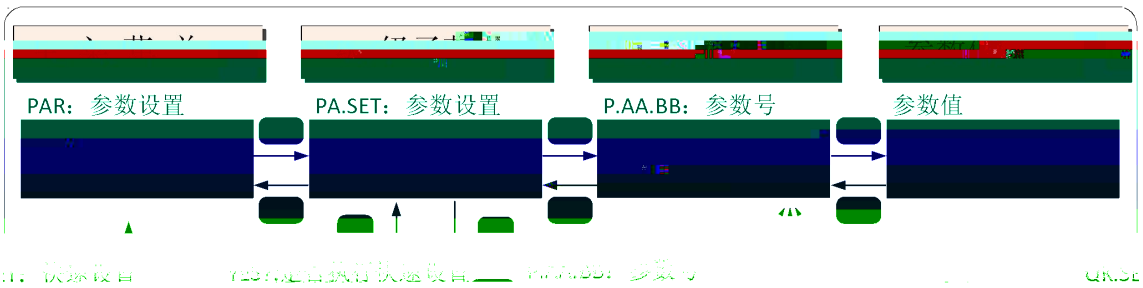


4 **PAR**

PAR

1 2 3 4

ENTER



PAR	PA.SET		
	QK.SET		
	PA.INI		
	TUNE.1		
	TUNE.2		
	TUNE.3		
	TUNE.4	AFE	AFE
	PASW.		
	P.LOCK		

PA.SET ENTER “P.AA.BB”

AA BB

U

U ENTER

NONE U

ENTER U

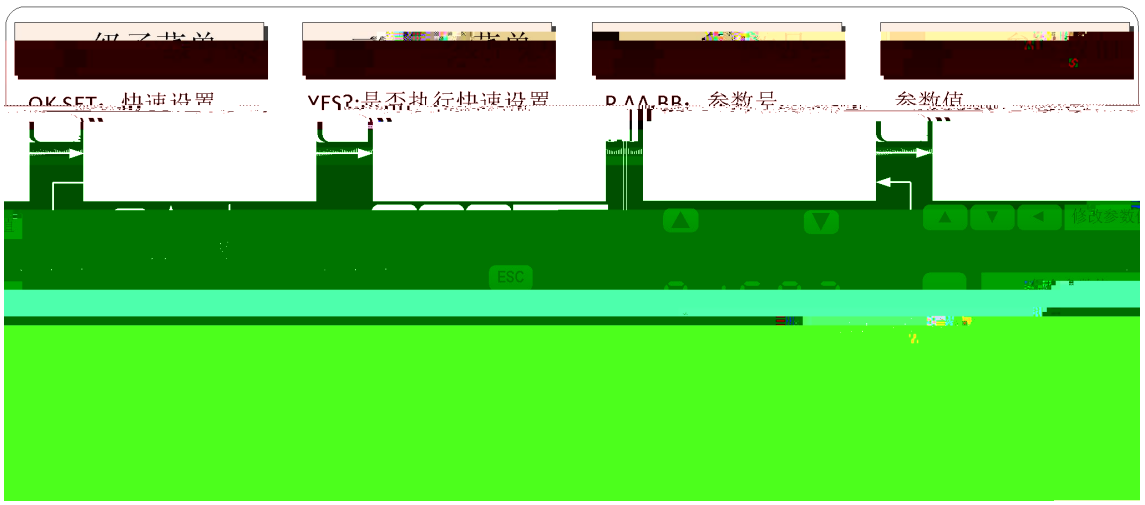


QK.SET ENTER YES ?

ENTER U

ENTER U

ESC



		O
QK.SET	P.16.02	
	P.16.03	
	P.16.04	
	P.16.05	
	P.16.06	
	P.16.07	
	P.16.09	
	P.16.11	
	P.16.14	V/F
	P.16.24	
	P.08.16	1
	P.08.35	1
	P.08.00	Ω
	P.08.10	
	P.08.03	
	P.07.00	[1]
	P.07.04	[1]
	P.07.19	[1]

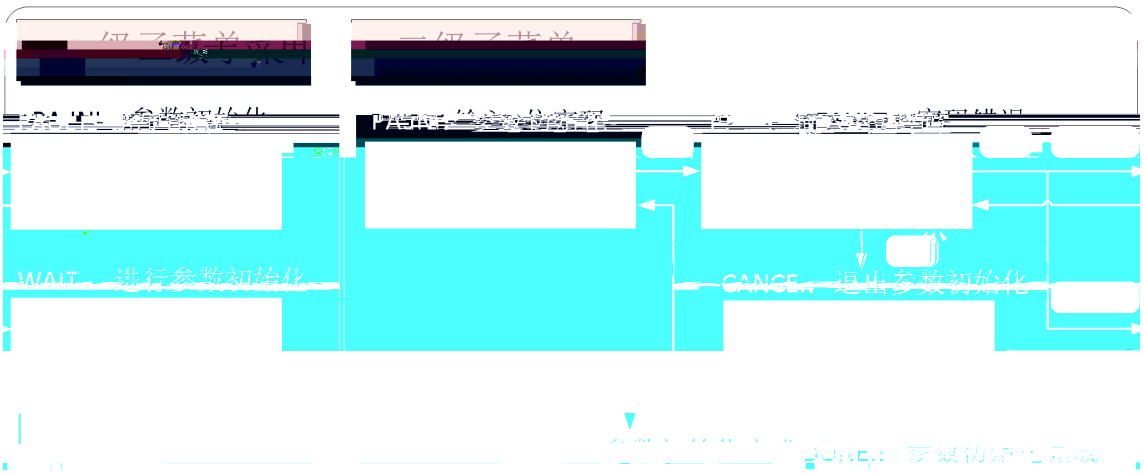
PA.INI ENTER U

“P.----”

“WAIT.” U

“DONE” “FAULT”

ESC



TUNE.1 TUNE.2 TUNE.3 TUNE.4

(AFE)

ضي “TUNE.X” U ENTER

“TX.PRC.” U “TX-OK”

ضي أ كح ضي “YES ?” أ

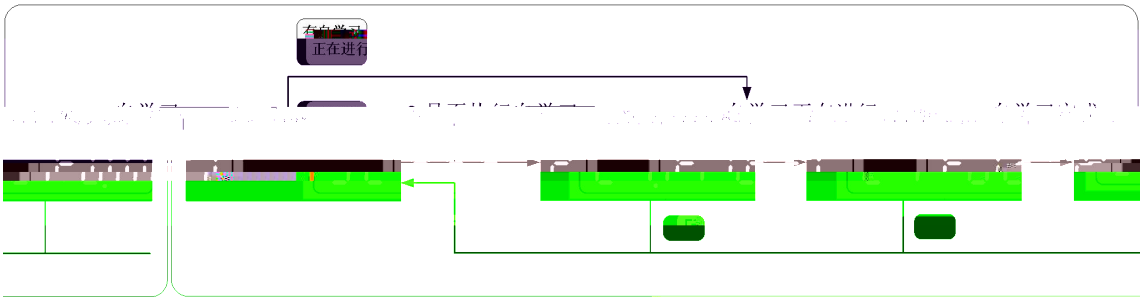
كح ENTER “TX.PRC.”

ضي “TX.PRC.” ضي ESC

ضي ENTER

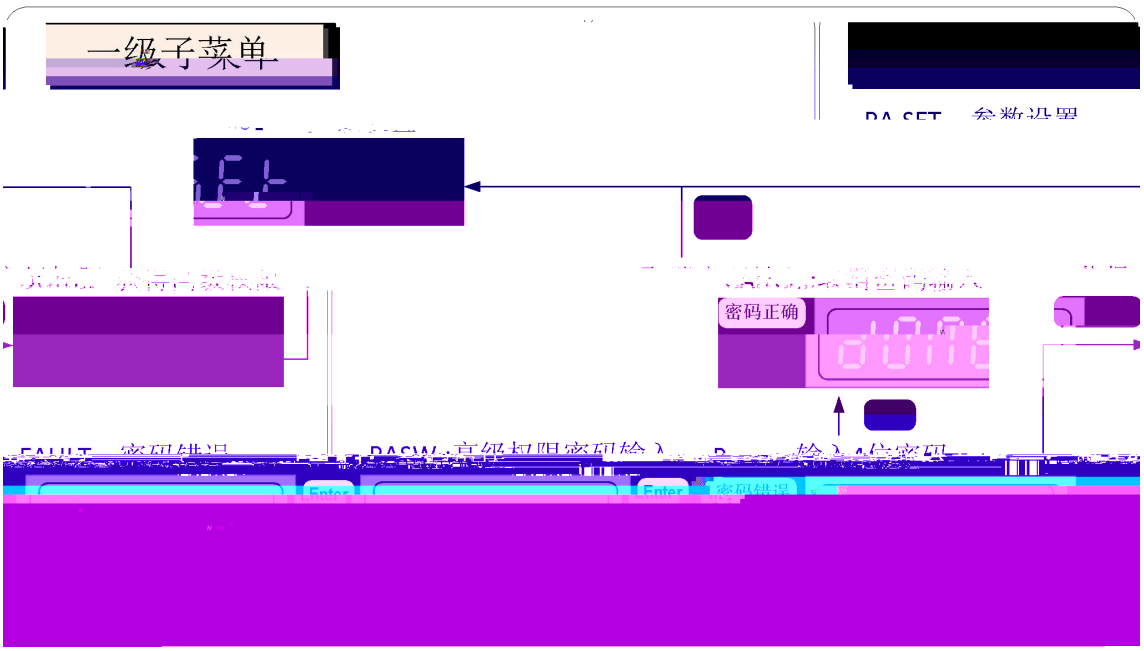
“TX.PRC.” “TX-OK”

TUNE.1 يح



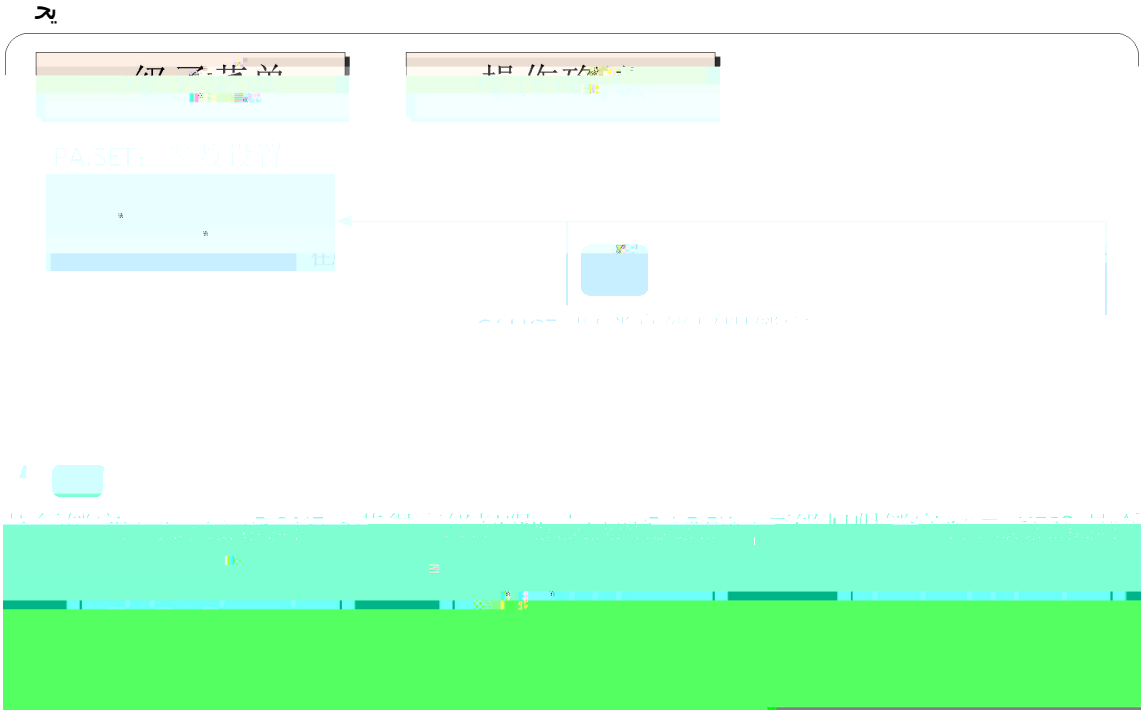
PASW.

U PA.SET يح



P.LOCK ENTER

U PA.SET



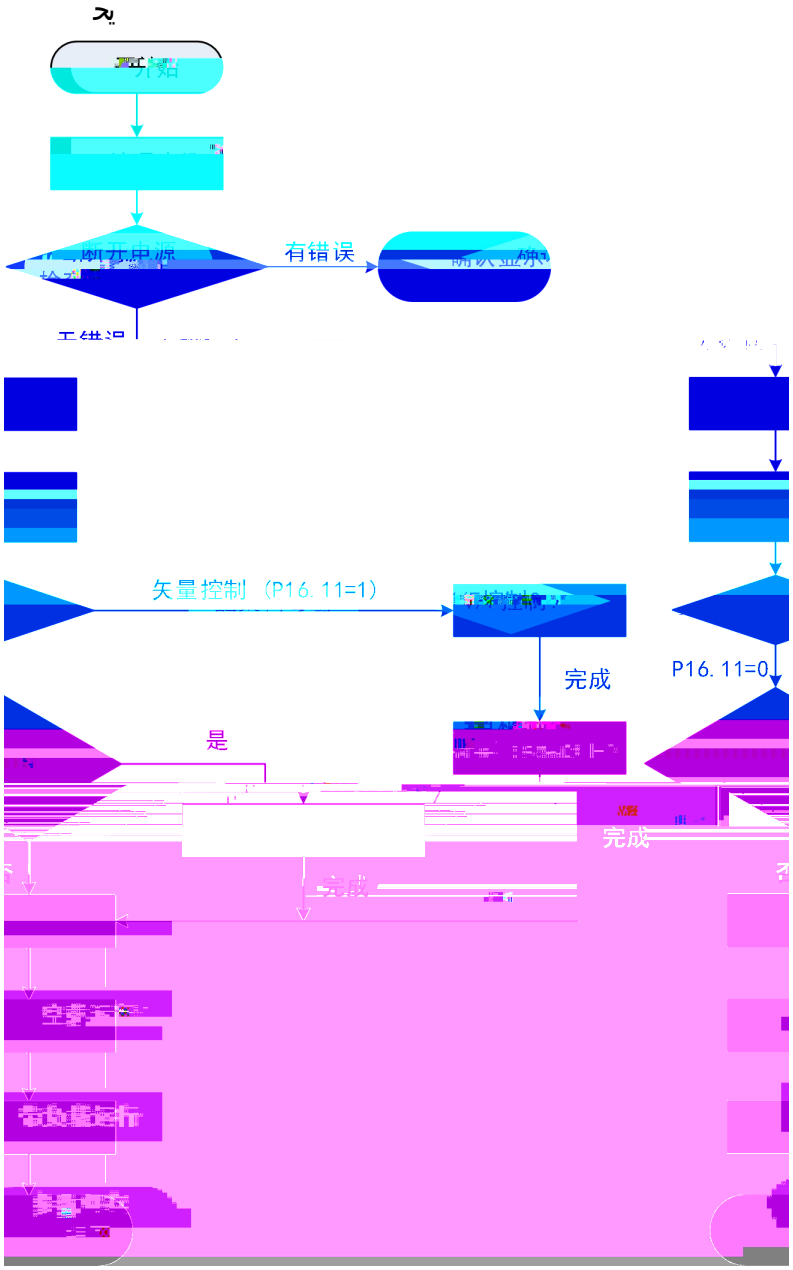
5 Warning and Error

“ RESET ” “ ESC 15

U RESET

5

5.1



1
2 V/F P16.11=0 V/F

3 P16.11=1

5.2

U

5.3 U

LED

U



10.00Hz



5.4

LED

4 4.2.6 4 PA.INI

5.5

O O

P16.2

P16.3

P16.4

P16.5

P16.24 V/F 50 [Hz]

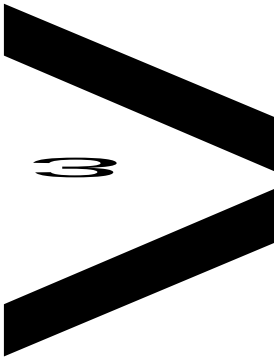
P8.16 1

P8.15 3

P8.34

P8.35 1 [0] [1]

P8.0



		×P16.5 / P16.6				[1]	
P16.9	□	120 ×P16.5/P16.7		P7.0	[1]	0~300[%]	180%
P16.11		[0]V/F [1] 	0	P7.4	[1]	0~300[%]	235%
P16.14	V/F	[0] V/F [1] V/F [2]	0	P7.19	[1]	100.0 720.0[%]	120%

5.6

1

P16.11	0	V/F	
	1		غ

2

أ ك

أ ك

أ ك

ض

٦

50% 7.5%

أ ك أ ك

غ أ ك 1/5

٦ P16

□ غ ﻫ t

6.2 P3

	O		مذ		
P3.0	1	~	0 41	0	
P3.1	2	~	0 41	0	
P3.2	3	~	0 41	0	
P3.3	4	~	0 41	0	
P3.4~ P3.11		DI6 ضر			
P3.12		[0] [1]	0 1	0	
P3.13~ P3.16					
P3.17	UP@Hz/		0.0 50.0	1.0	
P3.18	DOWN@Hz/		0.0 50.0	1.0	

~ أ ~

0

1

2

3

P4.17	شجـ 2	شجـ	0 500	0	
P4.18	شجـ 3	شجـ	0 500	0	
P4.19	شجـ 4	شجـ	0 500	0	

0		
1	~	7.2
2		ÎÍ ON ~
3		7.2
4		~
5		ÎÍ
6	1	[6] [9]
7	2	
8	3	
9	4	
10	FUNC 10	
11	h	h ~
12	ÞÞ	ÞÞ
13	ÞÞ	
14	ÞÞ	ÞÞ
15	ÞÞ	ÞÞ
16		7.7
17	0	1 ~
18	1	2 ~
19	2	3 ~
20	3	4 ~
21 31	FUNC 21 FUNC 31	
32	~	AFE ~ ~
33 48	FUNC 33 FUNC 48	
49	PROFIBUS 1	PROFIBUS 1 1 ~
50	PROFIBUS 2	PROFIBUS 2 1 ~
51	PROFIBUS 3	PROFIBUS 3 1 ~
52	PROFIBUS 4	PROFIBUS 4 1 ~

P7.23	1 M1	1	0.00 3.00 [s]	0.50 [s]	7.5
P7.24	1 M2	2	0.00 3.00 [s]	0.50 [s]	7.5
P7.25	1 M3	3	0.00 3.00 [s]	0.50 [s]	7.5
P7.26	1 M4	4	0.00 3.00 [s]	0.50 [s]	7.5
P7.27	1	1	0.00 3.00 [s]	2.00 [s]	
P7.28	2	2	0.00 3.00 [s]	2.00 [s]	
P7.29	3	3	0.00 3.00 [s]	2.00 [s]	
P7.30	4	4	0.00 3.00 [s]	2.00 [s]	
P7.31	ة		0.0 100.0 [%]	25.0 [%]	
P7.32			0.00 5.00 [s]	1 [s]	
P7.33			0.0 1000.0 [s]	360.0 [s]	
P7.34	U	[0] [1]	0 1	0	
P7.47			0.0 300.0 [%]	100.0 [%]	7.5
P7.48	1	1	0.0 300.0 [%]	150.0 [%]	7.5
P7.49	1	1	0.00 60.00 [s]	60.00 [s]	7.5
P7.50	2	2	0.0 300.0 [%]	200.0 [%]	7.5
P7.51	2	2	0.00 5.00 [s]	5.00 [s]	7.5
P7.55		[0] [1]	0 1	0	
P7.56			0.0 200.0 [%]	120.0 [%]	
P7.57			0.0 12.0 [s]	5 [s]	
P7.59		[0] [1]	0 1	1	
P7.60			0.10 3.00 [s]	0.30 [s]	

P7.64

			[0]				
			[1]				
P8.4	Ω	2	[2]DP		0	4	0
			[3]MODBUS				
			[4]	شبح			
P8.6					0.00 [s]	300.00 [s]	0.00	7.6
			[0]I/O				
			[1]	1			
			[2]	2			
P8.10			[3]		0	6	0
			[4]DP				
			[5]MODBUS				
			[6]	شبح			
			[0]I/O				
			[1]	1			
			[2]	2			
P8.12		2	[3]				
			[4]DP				

P8.43	5	P8.40 P8.42	0.0 300.0 [s]	10.00 [s]	7.6
P8.44	6		0.0 300.0 [%]	300.0 [%]	7.6
P8.45	6	P8.42 P8.44	0.0 300.0 [s]	10.00 [s]	7.6
P8.46	7		0.0 300.0 [%]	300.0 [%]	7.6
P8.47	7	P8.44 P8.46	0.0 300.0 [s]	10.00 [s]	7.6
P8.48	8		0.0 300.0 [%]	300.0 [%]	7.6
P8.49	8	P8.46 P8.48	0.0 300.0 [s]	10.00 [s]	7.6
P8.53	ΐ	[0] [1]	0 1	0	7.6
P8.54			0.0 300.0 [%]	0.0 [%]	7.6
P8.55	ΐ h	[0] [1]	0 1	0	7.6
P8.56	ΐ h		0.00 300.00 [s]	1.50 [s]	7.6
P8.57		[0] تمج [1]	0 1	1	
P8.58			0.00 300.00 [s]	1.50 [s]	
P8.62			0 1	0.5	

6.8 2 Ω P9

	O		مخ		
P9.0	Ω	[0] [1] [2]DP [3]MODBUS [4] بشج	0 4	0	
P9.3		[0] تمج [1]	0 1	0	7.6

P9.4	Ω 2	[0] [1] [2]DP [3]MODBUS [4] شبح	0 4	0	
P9.6			0.00 300.00 [s]	0.00 [s]	7.6
P9.10		[0]I/O [1] 1 [2] 2 [3] [4]DP [5]MODBUS [6] شبح	0 6	0	
P9.12	2	[0]I/O [1] 1 [2] 2 [3] [4]DP [5]MODBUS [6] شبح	0 6	0	
P9.15	1		0.0 300.0 [%]	100.0 [%]	7.6
P9.16	1	P8.15	0.0 300.0 [s]	3.00 [s]	7.6
P9.17	2		0.0 300.0 [%]	200.0 [%]	7.6
P9.18	2	P8.15 P8.17	0.0 300.0 [s]	4.00 [s]	7.6
P9.19	3		0.0 300.0 [%]	240.0 [%]	7.6
P9.20	3	P8.17 P8.19	0.0 300.0 [s]	7.00 [s]	7.6
P9.21	4	ضم	0.0 300.0 [%]	300.0 [%]	7.6
P9.22	4	P8.19 P8.21	0.0 300.0 [s]	10.00 [s]	7.6

P9.23	5			0.0 300.0 [%]	300.0 [%]	7.6
P9.24	5	P8.21	P8.23	0.0 300.0 [s]	10.00 [s]	7.6
P9.25	6			0.0 300.0 [%]	300.0 [%]	7.6
P9.26	6	P8.23	P8.25	0.0 300.0 [s]	10.00 [s]	7.6
P9.27	7			0.0 300.0 [%]	300.0 [%]	7.6
P9.28	7	P8.25	P8.27	0.0 300.0 [s]	10.00 [s]	7.6
P9.29	8			0.0 300.0 [%]	300.0 [%]	7.6
P9.30	8	P8.27	P8.29	0.0 300.0 [s]	10.00 [s]	7.6
P9.32		[0] [1]PROFIBUS [2]MODBUS [3] ضر		0 3	0	7.6
P9.33				0.1 10.0	1.0	7.6
P9.34	1			0.0 300.0 [%]	100.0 [%]	

P9.43	5	P8.40 P8.42	0.0 300.0 [s]	10.00 [s]	7.6
P9.44	6		0.0 300.0 [%]	300.0 [%]	7.6
P9.45	6	P8.42 P8.44	0.0 300.0 [s]	10.00 [s]	7.6
P9.46	7		0.0 300.0 [%]	300.0 [%]	7.6
P9.47	7	P8.44 P8.46	0.0 300.0 [s]	10.00 [s]	7.6
P9.48	8		0.0 300.0 [%]	300.0 [%]	7.6
P9.49	8	P8.46 P8.48	0.0 300.0 [s]	10.00 [s]	7.6
P9.53	ΐ	[0] [1]	0 1	0	7.6
P9.54			0.0 300.0 [%]	0.0 [%]	7.6
P9.55	ΐ h	[0] [1]	0 1	0	7.6
P9.56	ΐ h		0.00 300.00 [s]	1.50 [s]	7.6
P9.57		[0] تجد [1]	0 1	1	
P9.58			0.00 300.00 [s]	1.50 [s]	
P9.62			0 1	0.5	

6.9 3 Ω P10

	O		مخ		
P10.0	Ω	[0] [1] [2]DP [3]MODBUS [4] بشد	0 4	0	
P10.3		[0] تجد [1]	0 1	0	7.6

		[0]				
		[1]				
P10.4	2	[2]DP		0	4	0
		[3]MODBUS				
		[4]				
P10.6				0.00 [s]	300.00 [s]	0.00	7.6
		[0]I/O				
		[1]	1			
		[2]	2			
P10.10		[3]		0	6	0
		[4]DP				
		[5]MODBUS				
		[6]				
		[0]I/O				
		[1]	1			
		[2]	2			
P10.12	2	[3]		0	6	0
		[4]DP				
		[5]MODBUS				
		[6]				
P10.15	1			0.0 [%]	300.0 [%]	100.0	7.6
P10.16	1		P8.15	0.0 [s]	300.0 [s]	3.00	7.6
P10.17	2			0.0 [%]	300.0 [%]	200.0	7.6
P10.18	2	P8.15	P8.17	0.0 [s]	3000		

P11.4	Ω 2	[0] [1] [2]DP [3]MODBUS [4] شبح	0 4	0	
P11.6			0.00 300.00 [s]	0.00 [s]	7.6
P11.10		[0]I/O [1] 1 [2] 2 [3] [4]DP [5]MODBUS [6] شبح	0 6	0	
P11.12	2	[0]I/O [1] 1 [2] 2 [3] [4]DP [5]MODBUS [6] شبح	0 6	0	
P11.15	1		0.0 300.0 [%]	100.0 [%]	7.6
P11.16	1	P8.15	0.0 300.0 [s]	3.00 [s]	7.6
P11.17	2		0.0 300.0 [%]	200.0 [%]	7.6
P11.18	2	P8.15 P8.17	0.0 300.0 [s]	4.00 [s]	7.6
P11.19	3		0.0 300.0 [%]	240.0 [%]	7.6
P11.20	3	P8.17 P8.19	0.0 300.0 [s]	7.00 [s]	7.6
P11.21	4	ضم	0.0 300.0 [%]	300.0 [%]	7.6
P11.22	4	P8.19 P8.21	0.0 300.0 [s]	10.00 [s]	7.6

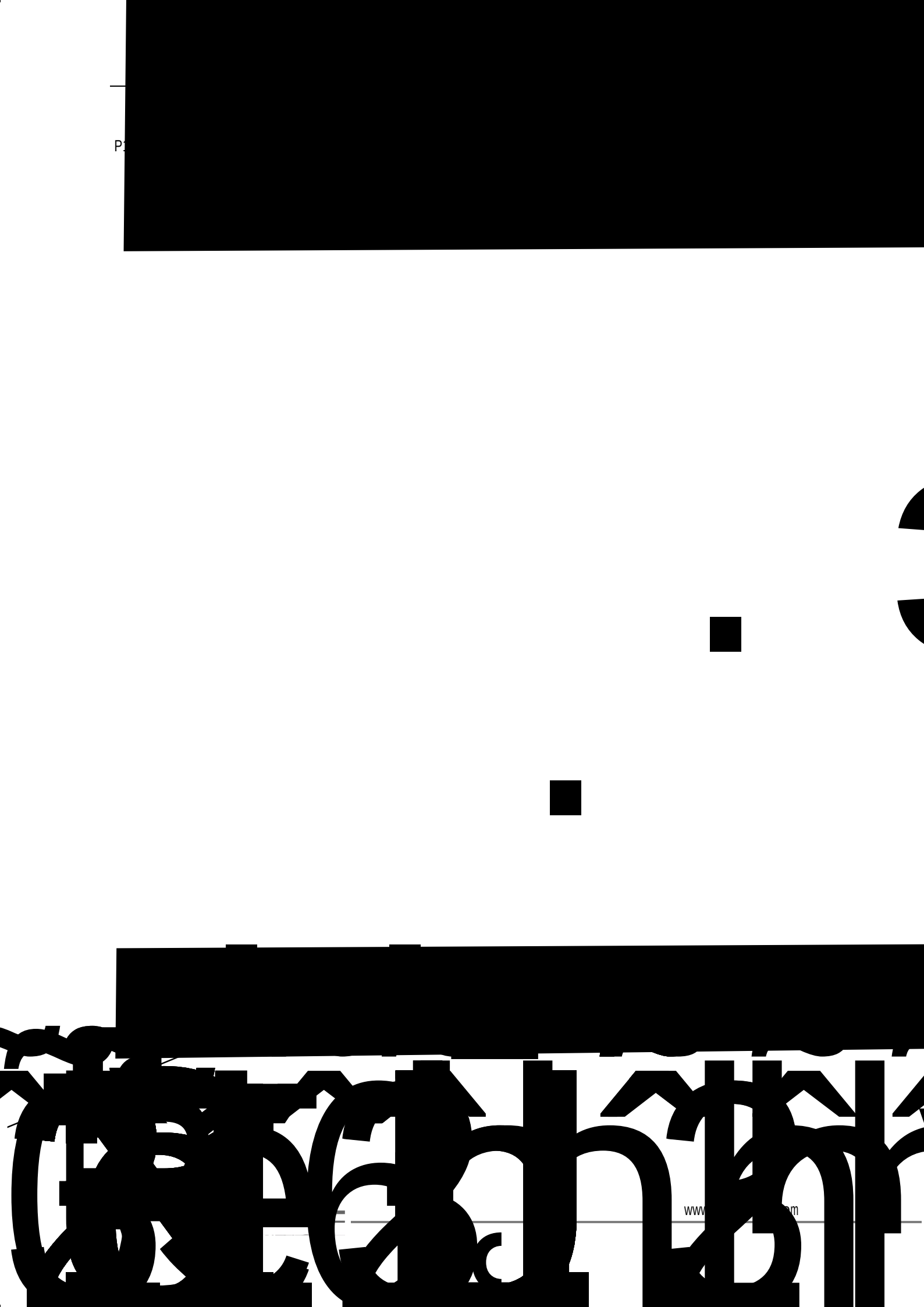
P11.43	5	P8.40	P8.42	0.0 300.0 [s]	10.00 [s]	7.6
P11.44	6			0.0 300.0 [%]	300.0 [%]	7.6
P11.45	6	P8.42	P8.44	0.0 300.0 [s]	10.00 [s]	7.6
P11.46	7			0.0 300.0 [%]	300.0 [%]	7.6
P11.47	7	P8.44	P8.46			

P12.6	5		0.0	3000.0	50.0	
P12.7	6		0.0	3000.0	50.0	
P12.8	7		0.0	3000.0	50.0	
P12.9	8		0.0	3000.0	50.0	
P12.10	9		0.0	3000.0	50.0	
P12.11	10		0.0	3000.0	50.0	
P12.12	11		0.0	3000.0	50.0	
P12.13	12		0.0	3000.0	50.0	
P12.14	13		0.0	3000.0	50.0	
P12.15	14		0.0	3000.0	50.0	
P12.16	15		0.0	3000.0	50.0	
P12.17	16		0.0	3000.0	50.0	
P12.18	FCD LSW_2X	16	0	65535	1000	7.11
P12.19	FCD MSW_2X	16	0	100	2	

P12.30	h	@	0 1	0
P12.31		@ h	0 2	0.3
P12.32	h			

P12.49			0.00~1.00	0.1	7.11
P12.50			0.0 10.0 [%]	10.0 [%]	7.11

6.12 2 P13



P14.30	@ h		0 1	0	
P14.31	@ h		0 2	0.3	
P14.32	h	h	0.0 20.0 [%]	0.0 [%]	7.7
P14.33	h	h	0.0 20.0 [%]	0.0 [%]	7.7
P14.34	h	h	0.00 2.00 [s]	0.00 [s]	7.7
P14.35	h	h	0.00 2.00 [s]	0.00 [s]	7.7
P14.36	h	h	0.00 2.00 [s]	0.50 [s]	7.7
P14.37	h	h	0.00 2.00 [s]	0.50 [s]	7.7
P14.38		[0] [1]	0 1	0	8.12
P14.39		[0] [1]	0 1	0	ש U ר
P14.40	ש	ש	0.0 100.0 [%]	10.0 [%]	7.11
P14.41	ש	ש	0.00 100.00 [s]	0.10 [s]	7.11
P14.42			0 3000 [s]	3 [s]	7.11
P14.43			0.0 50.0 [%]	20.0 [%]	7.11
P14.44			0.00 5.00 [s]	0.20 [s]	7.11
P14.45			20.0 100.0 [%]	25.0 [%]	7.11
P14.46			0.00 5.00 [s]	0.10 [s]	7.11
P14.47	מ	מ	0 30.0 [%]	10.0 [%]	7.11
P14.48			0.00 5.00 [s]	0.00 [s]	7.11

P14.49			0.00~1.00	0.1	7.11
P14.50			0.0 10.0 [%]	10.0 [%]	7.11

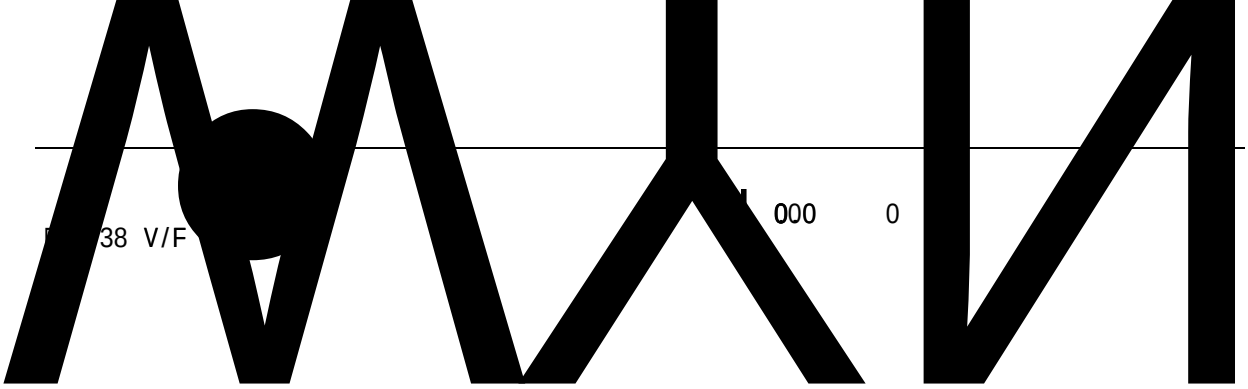
P15.21	U Ω	Ω h U Ω	0 1	0	
P15.22	h	h	0.0 20.0 [%]	2.0 [%]	7.7
P15.23	h	h	0.0 20.0 [%]	0.0 [%]	7.7
P15.24	h	h	0.0 200.0 [%]	30.0 [%]	7.7
P15.25	h	h	0.0 200.0 [%]	20.0 [%]	7.7
P15.26	h	h	0.00 2.00 [s]	0.00 [s]	7.7
P15.27	h	h	0.00 2.00 [s]	0.00 [s]	7.7
P15.28	h	h	0.00 2.00 [s]	0.07 [s]	7.7
P15.29	h	h	0.00 2.00 [s]	0.07 [s]	7.7
P15.30	@ h		0 1	0	
P15.31	@ h		0 2	0.3	
P15.32	h	h	0.0 20.0 [%]	0.0 [%]	7.7
P15.33	h	h	0.0 20.0 [%]	0.0 [%]	7.7
P15.34	h	h	0.00 2.00 [s]	0.00 [s]	7.7
P15.35	h	h	0.00 2.00 [s]	0.00 [s]	7.7
P15.36	h	h	0.00 2.00 [s]	0.50 [s]	7.7
P15.37	h	h	0.00 2.00 [s]	0.50 [s]	7.7

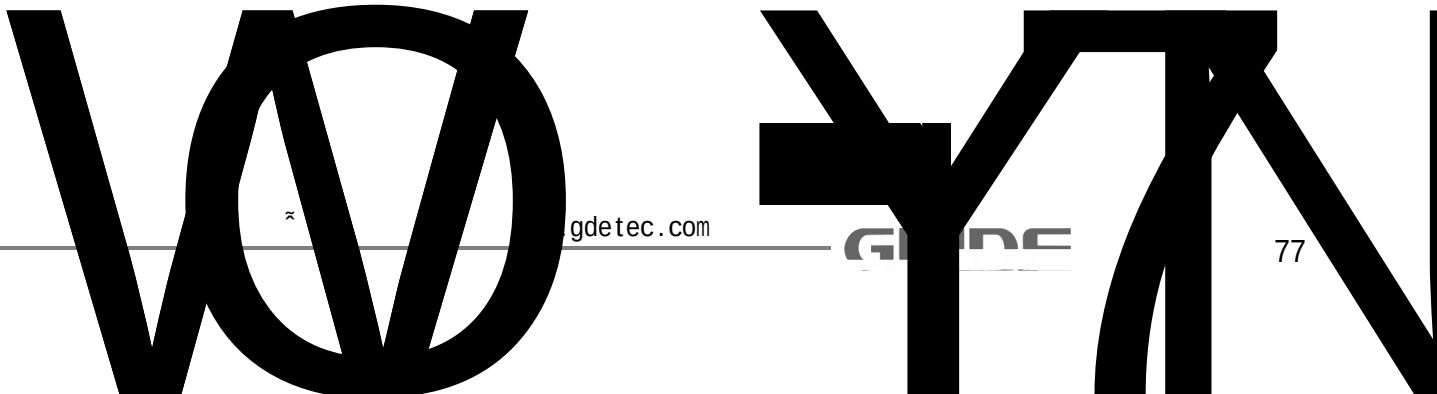
P16.4		0.0 6500.0 [A]	قمم [A]
P16.5		0.0 300.0 [Hz]	50.0 [Hz]
P16.6	(M ≤		

P16.59	0.0 1000.0 [00.0 خه	

	[0]V/F			
P17.11	[1]	0 2	0	
	[2]			
P17.12		1.00 10.00 [kHz]	3.00 [kHz]	7.8
	[0] V/F			
P17.14 V/F	[1] V/F	0 2	0	7.8
	[2]			

7





P17.66		V/F	0.0 1000.0 [%]	100.0 [%]	
P17.67	Ω	Ω	0.0 1000.0 [%]	100.0 [%]	
P17.68	Ω	Ω	0.0 1000.0 [%]	100.0 [%]	
P17.69			0.0 1000.0 [%]	100.0 [%]	
P17.70			0.0 1000.0 [%]	100.0 [%]	

6.17 3 V/F P18

	O		مخ		
P18.0			320 460 [V]	380 [V]	
P18.2			0.0 4000.0 [kW]	فمم [kW]	
P18.3			320 460 [V]	380 [V]	
P18.4			0.0 6500.0 [A]	فمم [A]	
P18.5			0.0 300.0 [Hz]	50.0 [Hz]	
P18.6			0 6000 [rpm]	1465 [rpm]	
P18.7			2 12 [pole]	4 [pole]	7.8
P18.9	□		0 7200 [rpm]	1500 [rpm]	7.8
P18.11		[0]V/F [1] [2]	0 2	0	
P18.12			1.00 10.00 [kHz]	3.00 [kHz]	7.8
P18.14	V/F	[0] V/F [1] V/F [2]	0 2	0	7.8
P18.15		[0] [1]	0 1	0	7.8
P18.16			2 500 [ms]	500 [ms]	

P18.17	V/F	[0] [1]	0 1	0	
P18.18			10 1000 [ms]	200 [ms]	
P18.19		[0]ضي [1]	0 1	0	
P18.22	Ω	Ω	0.00 100.00 [s]	0.00 [s]	7.8
P18.23		ضي 7 V/F	0.00 300.00 [Hz]	0.00 [Hz]	
P18.24		ضي 7 V/F	0.00 300.00 [Hz]	50.00 [Hz]	
P18.25			0.0 120.0 [%]	100.0 [%]	
P18.26	V/FΩ	V/FΩ	0.00 10.00 [%]	0.75 [%]	7.8
P18.27			0.0 200.0 [%]	100.0 [%]	7.8
P18.30	Ω	Ω	0.0 100.0 [%]	0.0 [%]	7.8
P18.33	V/F	V/F	0 6	2	7.8
P18.34	V/F 1		0.0 300.0 [Hz]	5.0 [Hz]	
P18.35	V/F 1		0.0 125.0 [%]	11.5 [%]	
P18.36	V/F 2		0.0 300.0 [Hz]	50.0 [Hz]	
P18.37	V/F 2		0.0 125.0 [%]	100.0 [%]	
P18.38	V/F 3		0.0 300.0 [Hz]	50.0 [Hz]	
P18.39	V/F 3		0.0 125.0 [%]	100.0 [%]	
P18.40	V/F 4		0.0 300.0 [Hz]	50.0 [Hz]	
P18.41	V/F 4		0.0 125.0 [%]	100.0 [%]	
P18.42	V/F 5		0.0 300.0 [Hz]	50.0 [Hz]	
P18.43	V/F 5		0.0 125.0 [%]	100.0 [%]	
P18.44	V/F 6		0.0 300.0 [Hz]	50.0 [Hz]	

P18.45	V/F 6		0.0 125.0 [%]	100.0 [%]	
P18.48		[0] [1]PID 1شج [2]PID 2شج [3] شج	0 3	0	
P18.50	Ω	Ω	0.00 300.00 [s]	0.00 [s]	7.8
P18.51	Ω	Ω	0.0 150.0 [%]	70.0 [%]	7.8
P18.52	Ω	Ω	0.00 5.00 [Hz]	0.00 [Hz]	7.8
P18.54			0.00 300.00 [s]	0.00 [s]	7.8
P18.55			0.0 150.0 [%]	75.0 [%]	7.8
P18.56			0.00 5.00 [Hz]	0.00 [Hz]	7.8
P18.59			0.0 1000.0 [%]	100.0 [%]	
P18.60			0.0 1000.0 [%]	100.0 [%]	
P18.61			0.0 1000.0 [%]	100.0 [%]	
P18.62			0.0 1000.0 [%]	100.0 [%]	
P18.64	V/F	V/F	0.0 1000.0 [%]	100.0 [%]	7.8
P18.66		V/F	0.0 1000.0 [%]	100.0 [%]	
P18.67	Ω	Ω	0.0 1000.0 [%]	100.0 [%]	
P18.68	Ω	Ω	0.0 1000.0 [%]	100.0 [%]	
P18.69			0.0 1000.0 [%]	100.0 [%]	
P18.70			0.0 1000.0 [%]	100.0 [%]	

P19.24	V/F	ض ٧ 0.00 300.00 [Hz]	50.00 [Hz]	ل
P19.25		0.0 120.0 [%]	100.0 [%]	
P19.26 V/F Ω	V/F Ω	0.00 10.00 [%]	0.75 [%]	7.8
P19.27		0.0 200.0 [%]	100.0 [%]	7.8
P19.30 Ω	Ω	0.0 100.0 [%]	0.0 [%]	7.8
P19.33 V/F	V/F	0 6	2	7.8
P19.34 V/F 1		0.0 300.0 [Hz]	5.0 [Hz]	
P19.35 V/F 1		0.0 125.0 [%]	11.5 [%]	
P19.36 V/F 2		0.0 300.0 [Hz]	50.0 [Hz]	
P19.37 V/F 2		0.0 125.0 [%]	100.0 [%]	
P19.38 V/F 3		0.0 300.0 [Hz]	50.0 [Hz]	
P19.39 V/F 3		0.0 125.0 [%]	100.0 [%]	
P19.40 V/F 4		0.0 300.0 [Hz]	50.0 [Hz]	
P19.41 V/F 4		0.0 125.0 [%]	100.0 [%]	
P19.42 V/F 5		0.0 300.0 [Hz]	50.0 [Hz]	
P19.43 V/F 5		0.0 125.0 [%]	100.0 [%]	
P19.44 V/F 6		0.0 300.0 [Hz]	50.0 [Hz]	
P19.45 V/F 6		0.0 125.0 [%]	100.0 [%]	
P19.48	[0] [1]PID 1شج [2]PID 2شج [3] شج	0 3	0	
P19.50 Ω	Ω	0.00 300.00 [s]	0.00 [s]	7.8
P19.51 Ω	Ω	0.0 150.0 [%]	70.0 [%]	7.8

P20.17	h	h ضغ ٧	0.0 [%]	300.0 [%]	100.0
P20.18	h	h ضغ ٧			

P21.0	[0] [1]		0	1	0	7.9

P21.1

P21.17	h	h ضي 7	0.0 300.0 [%]	100.0 [%]	
P21.18	h	h ضي 7	0.0 300.0 [%]	0.0 [%]	
P21.19	h	h ضي 7	0.0 300.0 [%]	0.0 [%]	
P21.20		[0] [1]	0.00	0	
P21.21		[0] همم [1] همم	0 1	0	
P21.22		ضي	0.0 300.0 [%]	160.0 [%]	
P21.23		ضي	0.0 200.0 [%]	20.0 [%]	
P21.24		ضي	0.0 300.0 [%]	100.0 [%]	
P21.25		ضي	0.0 200.0 [%]	100.0 [%]	
P21.26			0.0 1000.0 [%]	0.0 [%]	7.9
P21.27			0.00 15.00 [%]	2.00 [%]	7.9
P21.28		[0] أ P20.16 غ P20.17 [1] تمج [2] تمج [3]DP	0 3	0	
P21.30		[0] غ P20.31 P20.32 [1] 1 [2] 2 [3]	0 3	0	
P21.31			0.0 100.0 [%]		

P21.36	Ω مشي	Ω مشي	50.0 150.0 [%]	110.0 [%]	
P21.37	Ω	Ω	0.0 150.0 [%]	100.0 [%]	7.9
P21.38	Ω	Ω	0.0 100.0 [%]	25.0 [%]	7.9
P21.39			0.0 120.0 [%]	100.0 [%]	7.9
P21.40			0.0 150.0 [%]	100.0 [%]	7.9
P21.41			0.0 150.0 [%]	135.0 [%]	
P21.42		[0] [1]	0 1	1	
P21.43			25 1000 [ms]	75 [ms]	
P21.44			25 1000 [ms]	250 [ms]	
P21.45	h	ضي	0.0 100.0 [%]	22.0 [%]	
P21.46	h	ضي	0.0 100.0 [%]	18.0 [%]	
P21.47	h	ضي	0.0 200.0 [%]	92.0 [%]	
P21.48	h	ضي	0.0 200.0 [%]	87.0 [%]	
P21.49		ضي	0.0 150.0 [%]	100.0 [%]	
P21.51			0.0 1000.0 [%]	100.0 [%]	
P21.52			0.0 1000.0 [%]	100.0 [%]	
P21.53	Kp	كح	0.0 1000.0 [%]	100.0 [%]	
P21.54	Ki	كح	0.0 1000.0 [%]	100.0 [%]	
P21.55		كح	0.0 1000.0 [%]	100.0 [%]	7.9
P21.56		كح	0.0 1000.0 [%]	100.0 [%]	7.9

					U
P21.57			0.0 100.0 [%]	100.0 [%]	U
					100%
P21.58			0.0 100.0 [%]	100.0 [%]	U
					h
P21.60	DROOP	0 DROOP	0.0 100.0 [%]	0.0 [%]	7.9
P21.61	DROOP	DROOP	30 2000 [ms]	50 [ms]	7.9
P21.62			0.0 1000.0 [%]	100.0 [%]	7.9
P21.63			0.0 1000.0 [%]	100.0 [%]	7.9
P21.64	2	2	0.0 100.0 [%]	0.0 [%]	7.9
P21.65	2	2	30 2000.0 ms	50 ms	
P21.98		( )	0.01 300.00 [s]	0.75 [s]	
P21.99			0.00 10.00 [%]	0.00 [%]	

P22.0	[0] [1]		0	1	0		7.9
	[0] [1] [2]	1					
P22.1							

P22.36	Ω	شي		Ω	شي	50.0 150.0 [%]	110.0 [%]	
P22.37	Ω		Ω			0.0 150.0 [%]	100.0 [%]	7.9
P22.38	Ω		Ω			0.0 100.0 [%]	25.0 [%]	7.9
P22.39						0.0 120.0 [%]	100.0 [%]	7.9
P22.40						0.0 150.0 [%]	100.0 [%]	799
P22.41						0.0 150.0		

U

P22.57		0.0 100.0 [%]	100.0 [%]	U ~	
				100%	
P22.58		ÁÍ 0.0 100.0 [%]	100.0 [%]	U	
				h	
P22.60 DROOP	0 DROOP	0.0 100.0 [%]	0.0 [%]		7.9
P22.61 DROOP	DROOP ذ غ	30 2000 [ms]	50 [ms]		7.9
P22.62	ك	0.0 1000.0 [%]	100.0 [%]		7.9
P22.63	ك % J v Ẉ				

P23.0		[0] [1]	0 1	0	7.9
P23.1		[0] [1] 1 [2] 2 [3] [4] P20.3 [5]DP [6]MODBUS [7] شجب	0 7	0	7.9
P23.2		□	0 7	0	
P23.3	نهـ	نهـ	-300.0 300.0 [%]	0.0 [%]	7.9
P23.5			0 1000 [ms]	0 [ms]	
P23.6			0.0 200.0 [%]	100.0 [%]	7.9
P23.7		[0] [1] P20.8غ P20.9 [2] 1 [3] 2 [4] [5]DP [6]MODBUS [7] شجب	0 7	0	7.9
P23.8	h	P20.7 [1]	0.0 300.0 [%]	200.0 [%]	7.9
P23.9	h	P20.7 [1]	0.0 300.0 [%]	200.0 [%]	7.9
P23.11			0 1000 [ms]	0 [ms]	
P23.13			20.0 500.0 [ms]	100.0 [ms]	7.9
P23.14	كح	1ثم	0 60000	1024	
P23.15	كح h	[0] [1]	0 1	0	7.9
P23.16	h	h ضي 7	0.0 300.0 [%]	100.0 [%]	

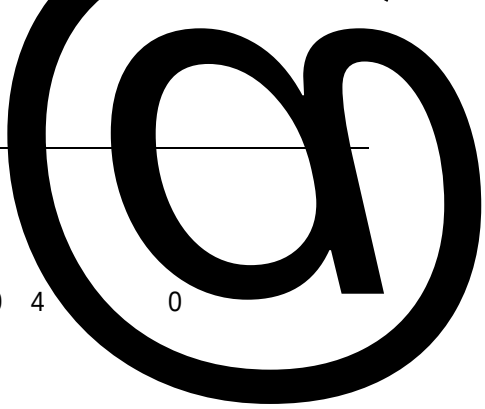
P23.36	Ω	مشي		Ω	مشي	50.0 150.0 [%]	110.0 [%]	
P23.37	Ω			Ω		0.0 150.0 [%]	100.0 [%]	7.9
P23.38	Ω			Ω		0.0 100.0 [%]	25.0 [%]	7.9
P23.39						0.0 120.0 [%]	100.0 [%]	7.9
P23.40						0.0 150.0 [%]	100.0 [%]	7.9
P23.41						0.0 150.0 [%]	135.0 [%]	
P23.42			[0] [1]			0 1	1	
P23.43						25 1000 [ms]	75 [ms]	
P23.44						25 1000 [ms]	250 [ms]	
P23.45		h		ضي		0.0 100.0 [%]	22.0 [%]	
P23.46		h		ضي		0.0 100.0 [%]	18.0 [%]	
P23.47		h		ضي		0.0 200.0 [%]	92.0 [%]	
P23.48		h		ضي		0.0 200.0 [%]	87.0 [%]	
P23.49				ضي		0.0 150.0 [%]	100.0 [%]	
P23.51						0.0 1000.0 [%]	100.0 [%]	
P23.52						0.0 1000.0 [%]	100.0 [%]	
P23.53		Kp			كح	0.0 1000.0 [%]	100.0 [%]	
P23.54		Ki			كح	0.0 1000.0 [%]	100.0 [%]	
P23.55					كح	0.0 1000.0 [%]	100.0 [%]	7.9
P23.56					كح	0.0 1000.0 [%]	100.0 [%]	7.9

6.23 CAN P31

6.24 MODBUS P32

6.25 P33

O			مخ	
P33.0	Profibus	[0] [1]	0 1	0
P33.1	خي ضر	PLC DE	1 255	1
P33.2	فمم	[0]PPO1 [1]PPO2 [2]PPO5 [3]GUIDE	0 3	2
P33.3			ƖƷ· 0 16	14
P33.4			0 16	14
P33.5		[0] [1] [2] ƿ [3]	0 3	0
P33.6			0 1000 [ms]	50 [ms]
P33.7		[0] [1]	0 1	0
P33.8			0.0 10.&. ›ı	



		[0] × 1 [1] × 10			
P33.16	[W1]	[2] × 100 [3] × 1000 [4] × 10000	0	4	0
P33.17	[W2]	7-2	0	37	0
		[0] × 1 [1] × 10			
P33.18	[W2]	[2] × 100 [3] × 1000 [4] × 10000	0	4	0
P33.19	[W3]	7-2	0	37	0
		[0] × 1 [1] × 10			
P33.20	[W3]	[2] × 100 [3] × 1000 [4] × 10000	0	4	0
P33.21	[W4]	7-2	0	37	1
		[0] × 1 [1] × 10			
P33.22	[W4]	[2] × 100 [3] × 1000 [4] × 10000	0	4	0
P33.23	[W5]	7-2	0	37	18
		[0] × 1 [1] × 10			
P33.24	[W5]	[2] × 100 [3] × 1000 [4] × 10000	0	4	2
P33.25	[W6]	7-2	0	37	21
		[0] × 1 [1] × 10			
P33.26	[W6]	[2] × 100 [3] × 1000 [4] × 10000	0	4	1

P33.29	[W8]	7-2	0 37	23	
P33.30	[W8]	[0] × 1 [1] × 10 [2] × 100 [3] × 1000 [4] × 10000	0 4	1	
P33.31	[W9]	7-2	0 37	0	
P33.32	[W9]	[0] × 1 [1] × 10 [2] × 100 [3] × 1000 [4] × 10000	0 4	0	
P33.33	[W10]	7-2	0 37	0	
P33.34	[W10]	[0] × 1 [1] × 10 [2] × 100 [3] × 1000 [4] × 10000	0 4	0	
P33.35	[W11]	7-2	0 37	0	
P33.36	[W11]	[0] × 1 [1] × 10 [2] × 100 [3] × 1000 [4] × 10000	0 4	0	
P33.37	[W12]	7-2	0 37	0	
P33.38	[W12]	[0] × 1 [1] × 10 [2] × 100 [3] × 1000 [4] × 10000	0 4	0	
P33.39	[W13]	7-2	0 37	0	
P33.40	[W13]	[0] × 1 [1] × 10 [2] × 100 [3] × 1000 [4] × 10000	0 4	0	
P33.41	[W14]	7-2	0 37	0	

P33.42	[W14]	[0] × 1 [1] × 10 [2] × 100 [3] × 1000 [4] × 10000	0 4	0	
P33.43	[W15]	7-2	0 37	0	
P33.44	[W15]	[0] × 1 [1] × 10 [2] × 100 [3] × 1000 [4] × 10000	0 4	0	
P33.45	[W0]	7-3	0 48	0	
P33.46	[W0]	[0] × 1 [1] × 10 [2] × 100 [3] × 1000 [4] × 10000 [5] [%] × 1 [6] [%] × 10 [7] [%] × 100	0 7	0	
P33.47	[W1]	7-3	0 48	0	
P33.48	[W1]	[0] × 1 [1] × 10 [2] × 100 [3] × 1000 [4] × 10000 [5] [%] × 1 [6] [%] × 10 [7] [%] × 100	0 7	0	
P33.49	[W2]	7-3	0 48	0	
P33.50	[W2]	[0] × 1 [1] × 10 [2] × 100 [3] × 1000 [4] × 10000 [5] [%] × 1 [6] [%] × 10 [7] [%] × 100	0 7	0	
P33.51	[W3]	7-3	0 48	0	

P33.52	[W3]		[0] × 1 [1] × 10 [2] × 100 [3] × 1000 [4] × 10000 [5] [%] × 1 [6] [%] × 10 [7] [%] × 100	0	7	0
P33.53		[W4]	7-3	0	48	1
P33.54	[W4]		[0] × 1 [1] × 10 [2] × 100 [3] × 1000 [4] × 10000 [5] [%] × 1 [6] [%] × 10 [7] [%] × 100	0	7	0
P33.55						

P33.60	[W7]	[0] × 1 [1] × 10 [2] × 100 [3] × 1000 [4] × 10000 [5] [%] × 1 [6] [%] × 10 [7] [%] × 100	0 7	1	
P33.61	[W8]	7-3	0 48	14	
P33.62	[W8]	[0] × 1 [1] × 10 [2] × 100 [3] × 1000 [4] × 10000 [5] [%] × 1 [6] [%] × 10 [7] [%] × 100	0 7	0	
P33.63	[W9]	7-3	0 48	13	
P33.64	[W9]	[0] × 1 [1] × 10 [2] × 100 [3] × 1000 [4] × 10000 [5] [%] × 1 [6] [%] × 10 [7] [%] × 100	0 7	0	
P33.65	[W10]	7-3	0 48	40	
P33.66	[W10]	[0] × 1 [1] × 10 [2] × 100 [3] × 1000 [4] × 10000 [5] [%] × 1 [6] [%] × 10 [7] [%] × 100	0 7	6	
P33.67	[W11]	7-3	0 48	0	

P33.76	[W15]	[0] × 1 [1] × 10 [2] × 100 [3] × 1000 [4] × 10000 [5][%] × 1 [6][%] × 10 [7][%] × 100	0 7	0	

7-2

0	
1	0
2	1
3	2
4	3
5	4
6	[32]
7	[32]
8	32_MSW
9	32_LSW
10	
11	
12	0 @32bit
13	1 @32bit
14	2 @32bit
15	3 @32bit
16	4 @32bit
17	5 @32bit
18	[Hz]
19	[rpm]
20	[%]
21	[%]
22	[%]
23	[Hz]

24	
25	
26	1[%]
27	2[%]
28	
29	
30 37	SET_W12 19

7-3

0	
1	0
2	1
3	2
4	3
5	4
6	5
7	0 @32bit
8	1 @32bit
9	2 @32bit
10	3 @32bit
11	4 @32bit
12	5 @32bit
13	[32]
14	[32]
15	32bit_MSW
16	32bit_LSW
17	
18	
19	
20	[rpm]

7.

P12.0 [0] [1]

A. [0]

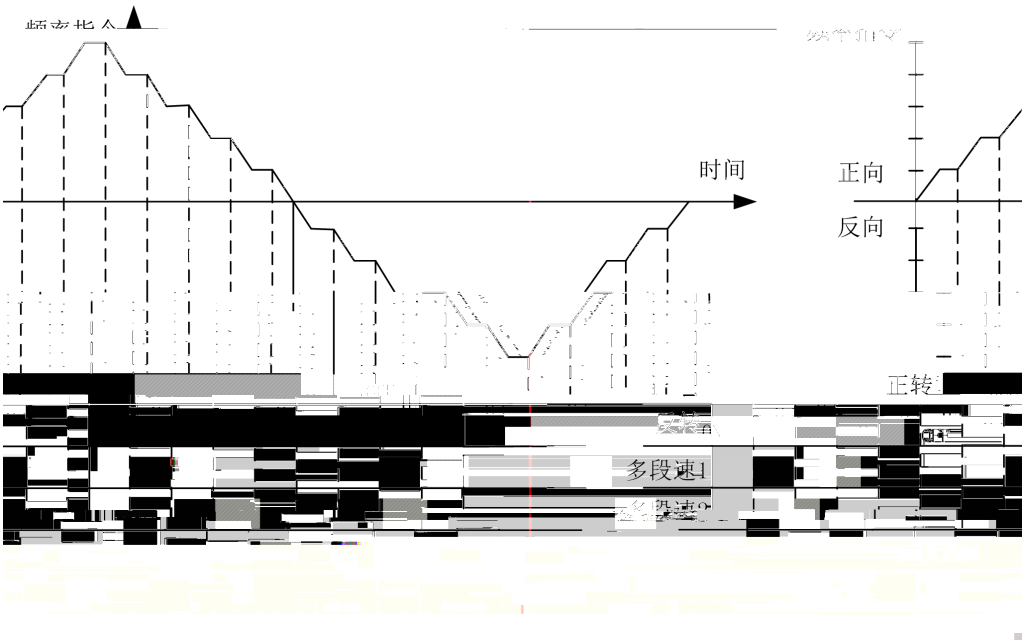
[1] [2] = JA3W 1 1Ó ø$ â@' 1 ¹Ó Ðø$.

[6] 1 0 ---2

[7] 2 1 ---3

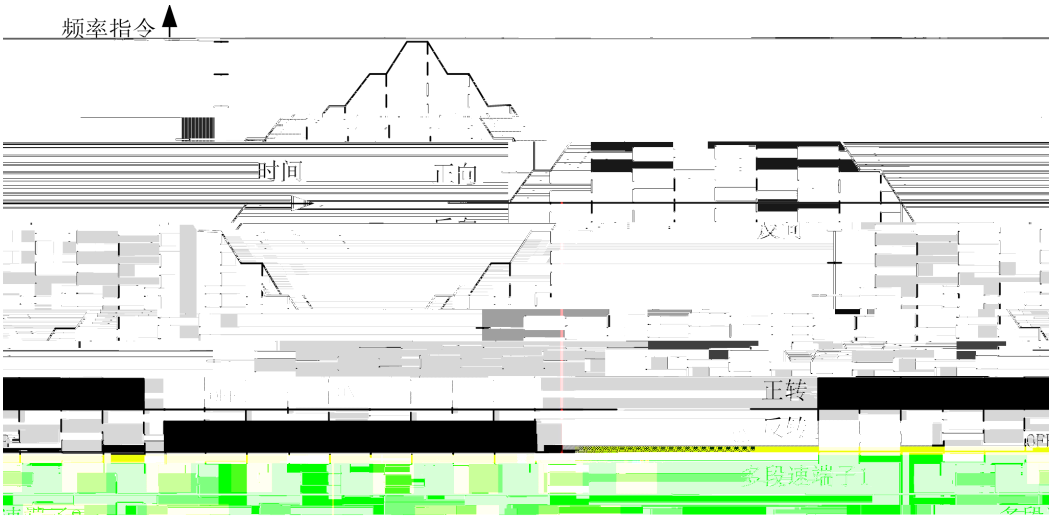
[8] 3 2 ---4

[9] 4 3 ---5



B. [1]

4 16 (8421



2

DI 22 “ ” ض

10Hz ~ E106 “ 1 ”

ض 10Hz 2s ~

E107 “ 2 ”

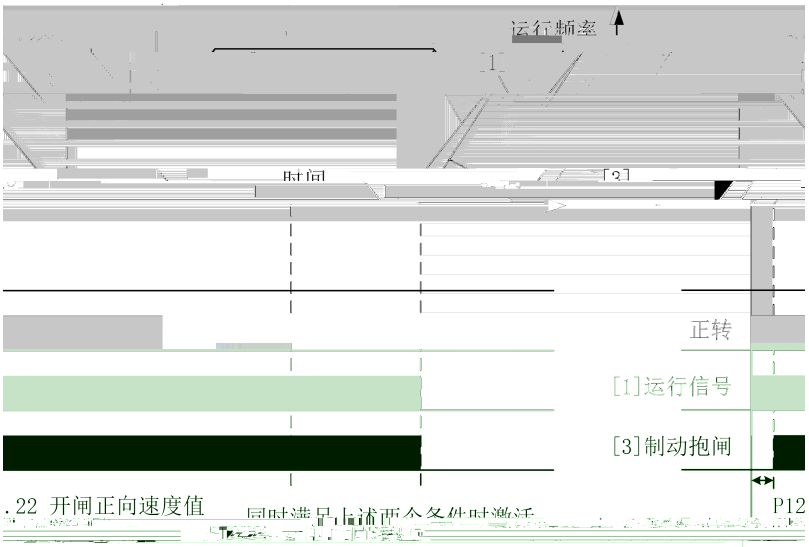
7.2

ك

ك أ ك ك / ~ ك

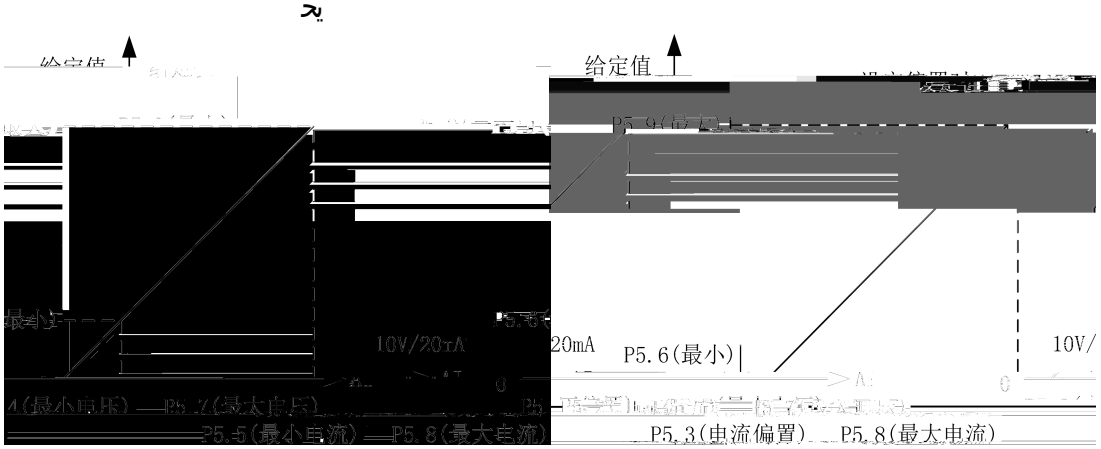
~ [1] ~ [3] ﻡ ك ~ [3]

~ [1] ~ [3] ﻳ

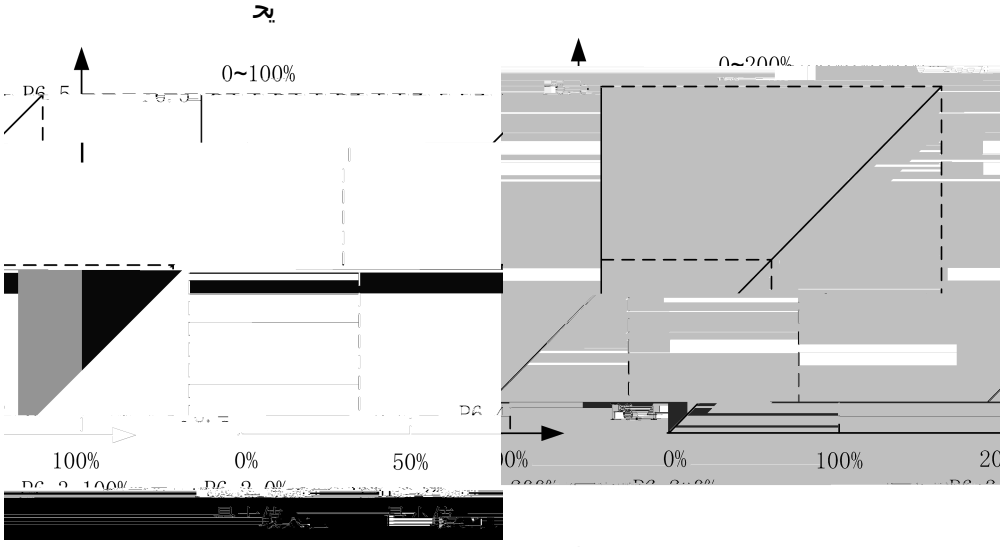


~

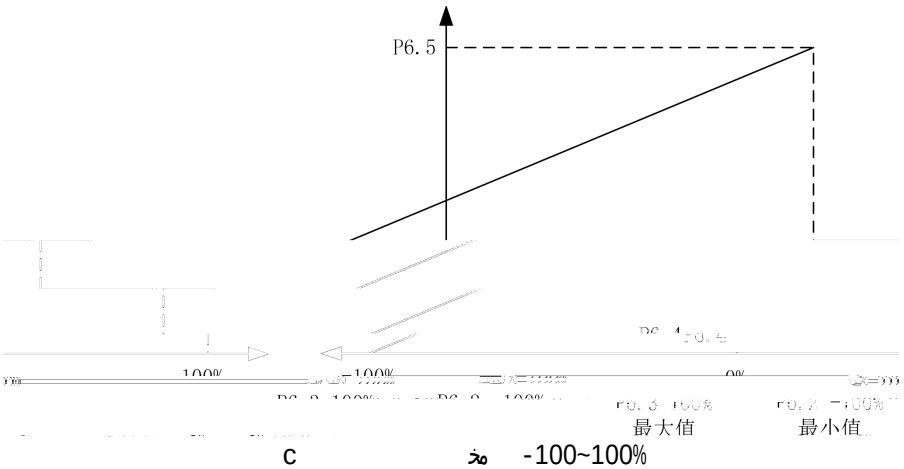
7.3



7.4



a 为 0~100% b 为 0~200%



c 为 -100~100%

1 U

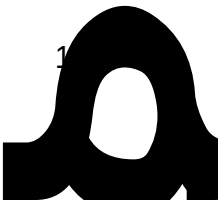
P7.65

Ω

50V Ω 647V ×

38 Ķ

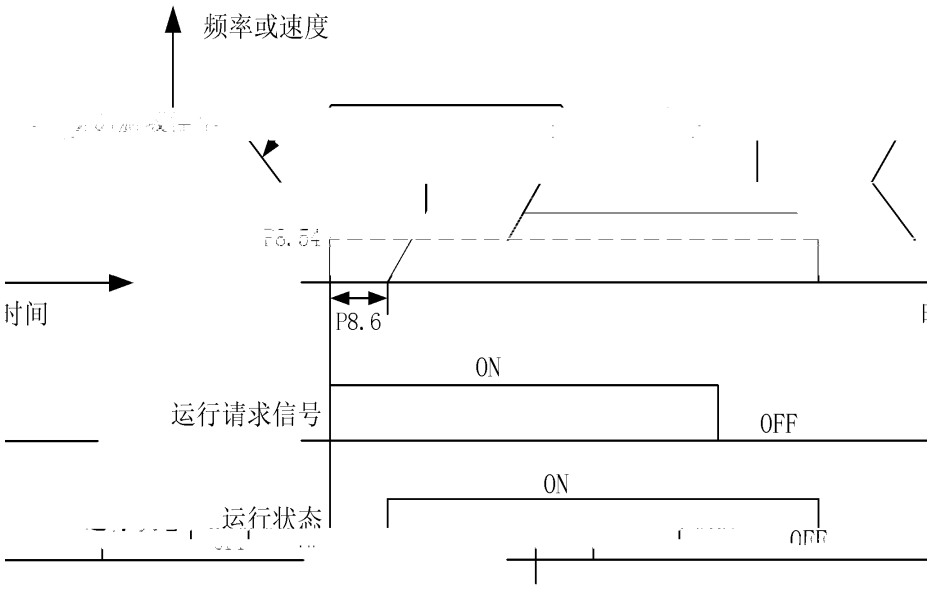




1

P8.3 Ω . ﻱﺯ ﻱﺯ . X. " " Ē ﻱﺯ

[0] ﻥﺯ

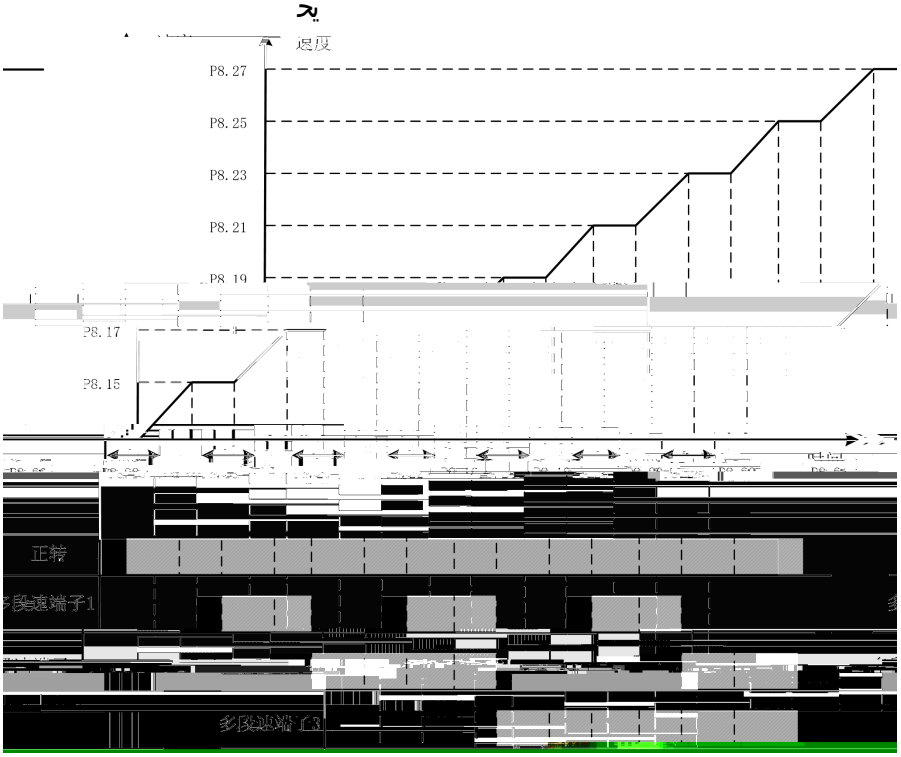


2

P8.14

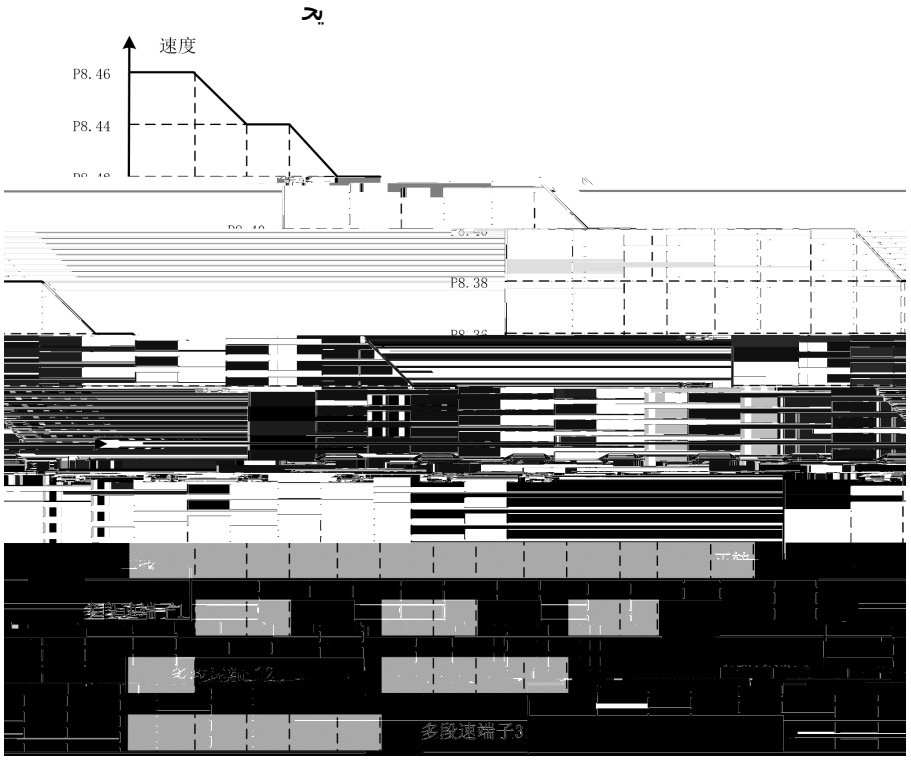
P8.14 P8.33

P8.33



P8.15<P8.17<P8.19<P8.21<P8.23<P8.25<P8.27

P8.15	P8.17	P8.19	P8.21	P8.23	P8.25	P8.27
10%	20%	30%	50%	60%	80%	100%



P8.34<P8.36<P8.38<P8.40<P8.42<P8.44<P8.46

P8.34	P8.36	P8.38	P8.40	P8.42	P8.44	P8.46
10%	20%	30%	50%	60%	80%	100%

3

ضي PROFIBUS MODBUS

P8.32

1 =P8.33 × P8.35 × (× 0.001)

4

ضي P8.53 [0] P8.55
[1] أ P8.56 P8.53 [1] P8.55 [1]
أ P8.56 غ

7.7 غ

1

P12.2 P12.17 أ كج

P12.0=[1]

	1	2	3	4
1	0	0	0	0
2	1	0	0	0
3	0	1	0	0
4	1	1	0	0
5	0	0	1	0
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			

كل

أ كج أ كج أ

كج أ ضي كج أ ذ

0.5Hz~2Hz >50Hz

يح ذ يح

	كل		
1kHz	كل		
5kHz			
10kHz			

غ قمم

قمم	kHz
0.4kW 11kW	4
15kW 37kW	3.5
45kW 132kW	3
160kW 250kW	2.5
280kW 450kW	2

3 V/F

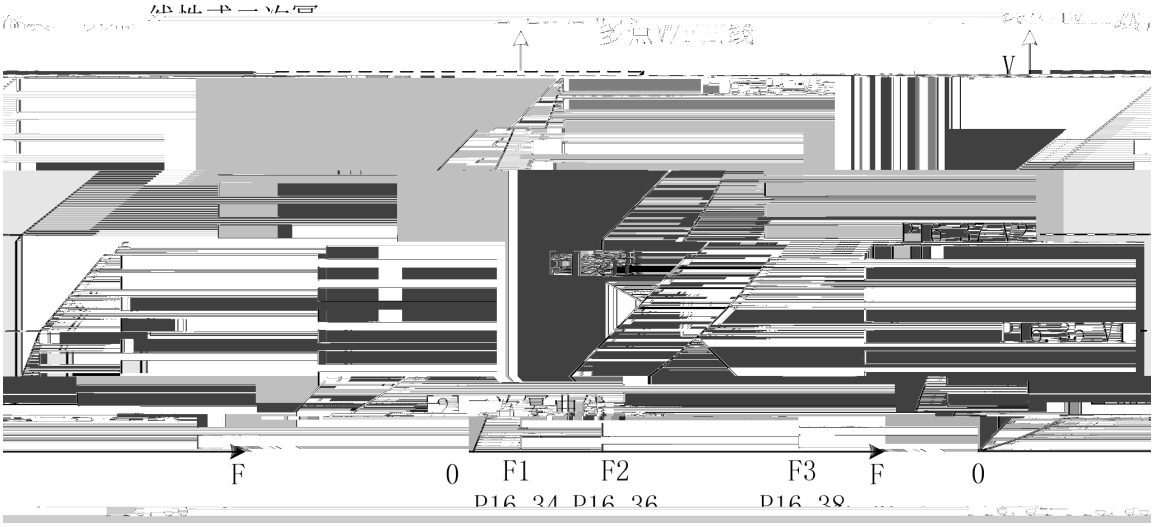
P16.14 ضي V/F P16.11=0

[0] V/F

[1] V/F P16.33 P16.45 V/F

[2] أ يشي

يح لا



P16.34 P16.45 V/F V/F

V1 V2 V3 F1 F2 F3

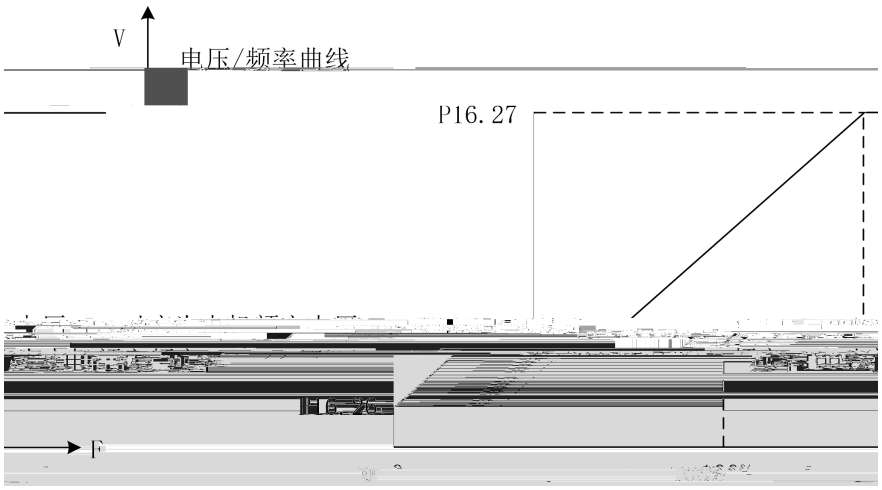
4

P16.15 V/F

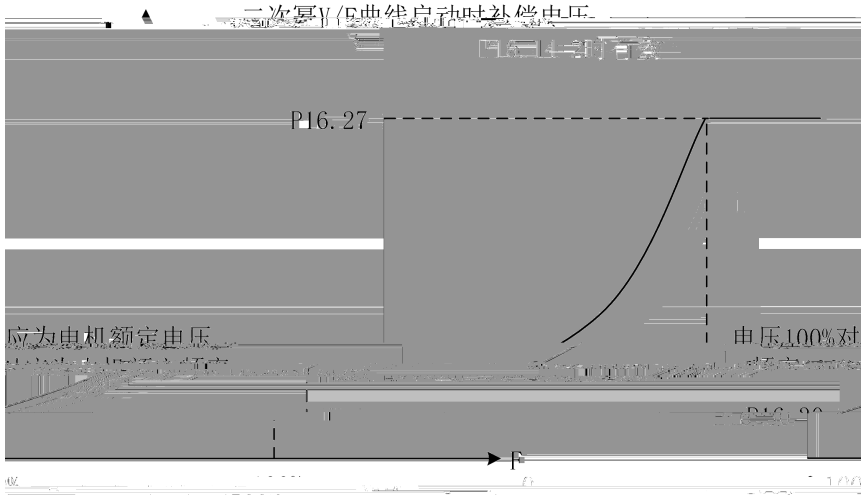
V/F U

5

P16.14=[0] V/F V/F P16.26 P16.26 P16.27



P16.14=[2] V/F P16.30 P16.30 P16.27



6

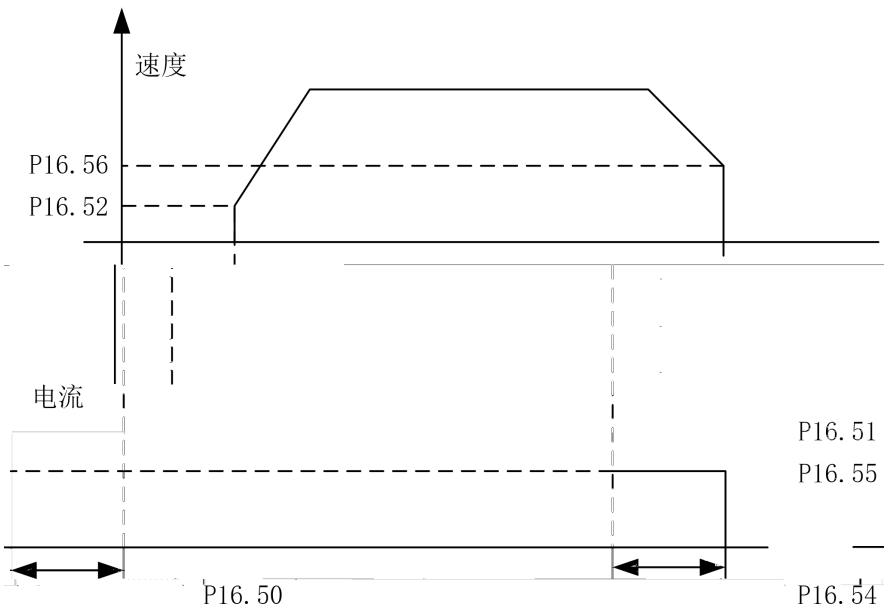
P16.50 P16.56 Ω غ

7 ضي V/F

Ω P16.50 P16.51 P16.52 ضي

U Ω

P16.54 P16.55 P16.56 ضي



7

P16.64 ضي

غج ~ كح

كح

7.9

1 غ

P20.0 غ

P20.0=0 P20.1=0 P20.2=0

P20.0=0 P20.1 ≠ 0 P20.2 ≠ 0

P20.0=1 P20.1 ≠ 0 P20.2 ≠ 0 ضي ~ 1 ضي

~ 0

ضي

ضي P16.11 [1] [2]

P20.3 نهـ P20.1 [4]

2

ضي ~

كح أ

P12.24 h غ P12.25 h 0%

3

P20.7 ضي غ

P20.8 P20.9 7 ضي P20.7=1

4 كح h

P20.15 كح h كح A B

كح A B U V W ~ كح

أ أ

[0] كح h h

[1] كح h أ كح A غ B

5 □

~ ~ ~

ضي 7 ... GDHF-PGD2 □ PG

~ أ كح 7 ~ GDHF-PGD2 □ PG أ كح □

DI "[10]... " DP "CW0.9... "

P20.26 غ P20.27 0 ضي ~ 3 ~

2%U □

P20.34 [0] □ 1 ~ كح

0 P20.26 غ P20.27 0 □ ذ

P20.26 50% 100% P20.27 3% 5%

P20.34 [1] □ 2 ~ كح

200 نه 7 P20.26 غ P20.27 0

~

~ أ كح GF630N03 أ كح P20.34 [1] ~

GF630N03 أ كح 3 ~ ج أ كح P20.34 [0]

6 DROOP

~ ~ ضي

~ أ كح DROOP DROOP ضي

P20.60 0

DROOP P20.61 DROOP ذ غ

~

7 1

8 2

P20.1 P20.2 [0]

9

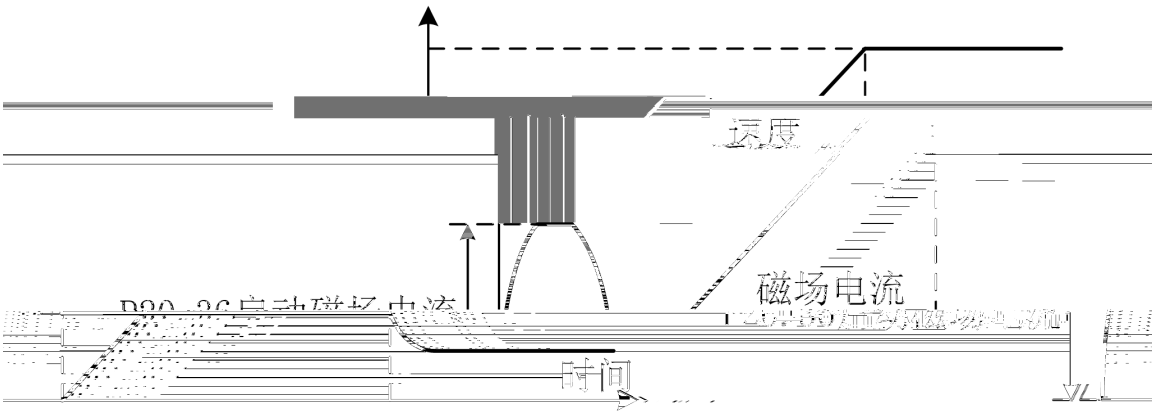
PGD1

PLC DI

DP CW0.10 “1”

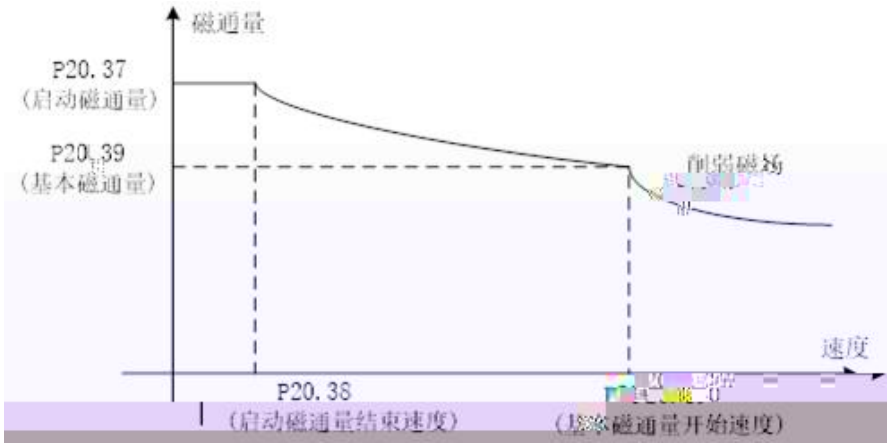
10

P20.36



11

P20.37 P20.40

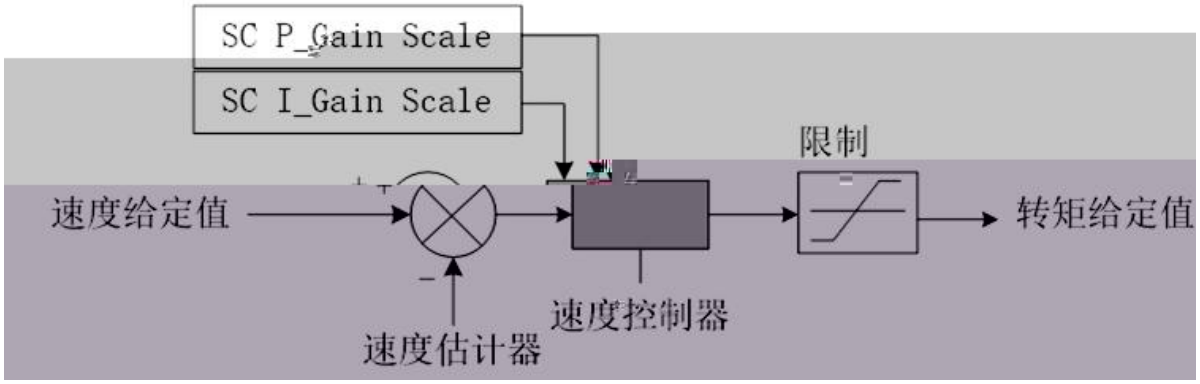


12

P20.55 ,

P20.56 ,

%



13

P20.62 P20.63 %

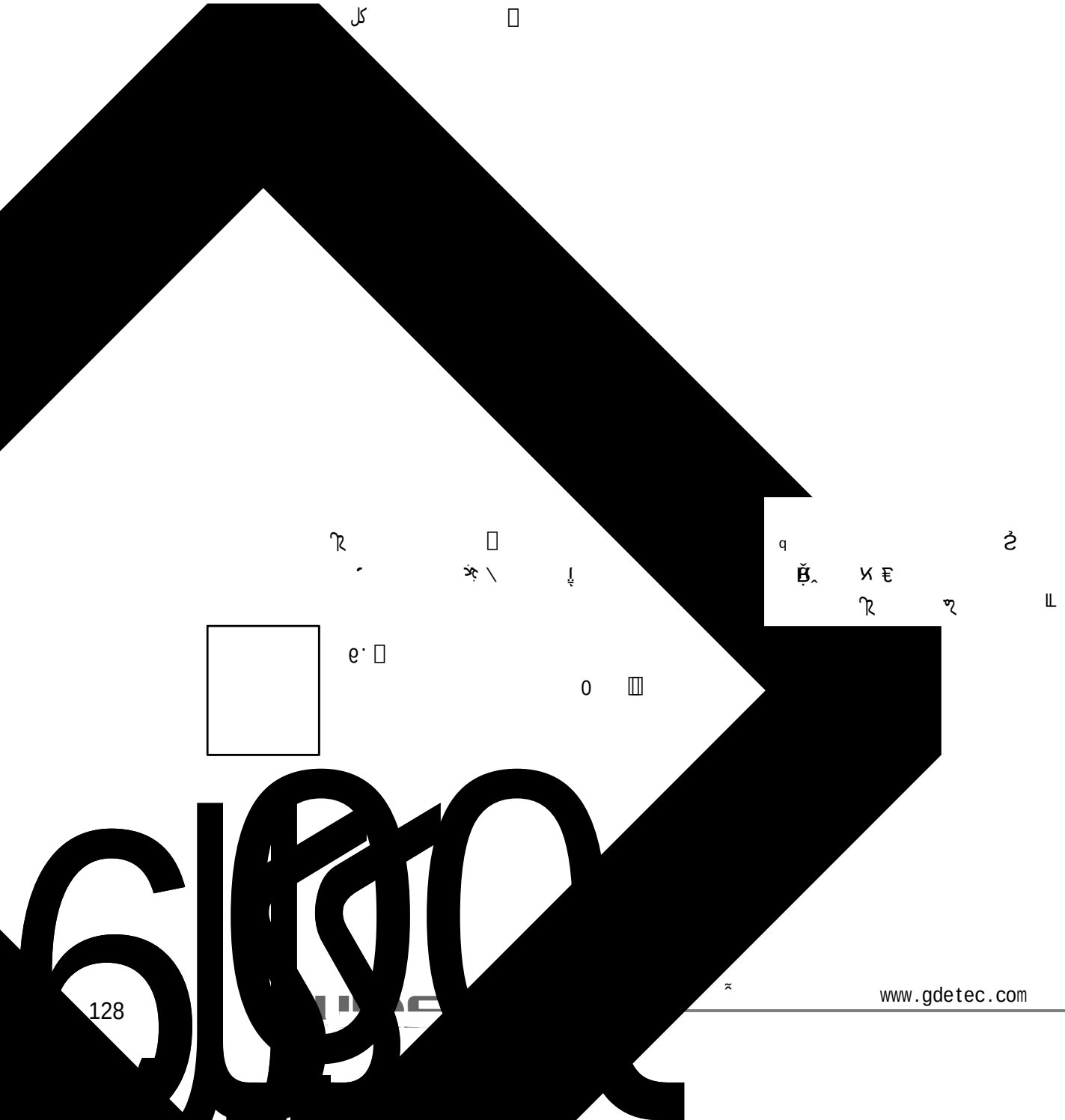
7.10

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P16.64
V/F 6. (10 40Hz) 100 80 150

P16.12 خم



7.11

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P12.40

P12.41

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P20.49		100%	
P20.20		1 “ ”	U Ω

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P12.43 20%

P12.44 0.2s

P12.45 30%

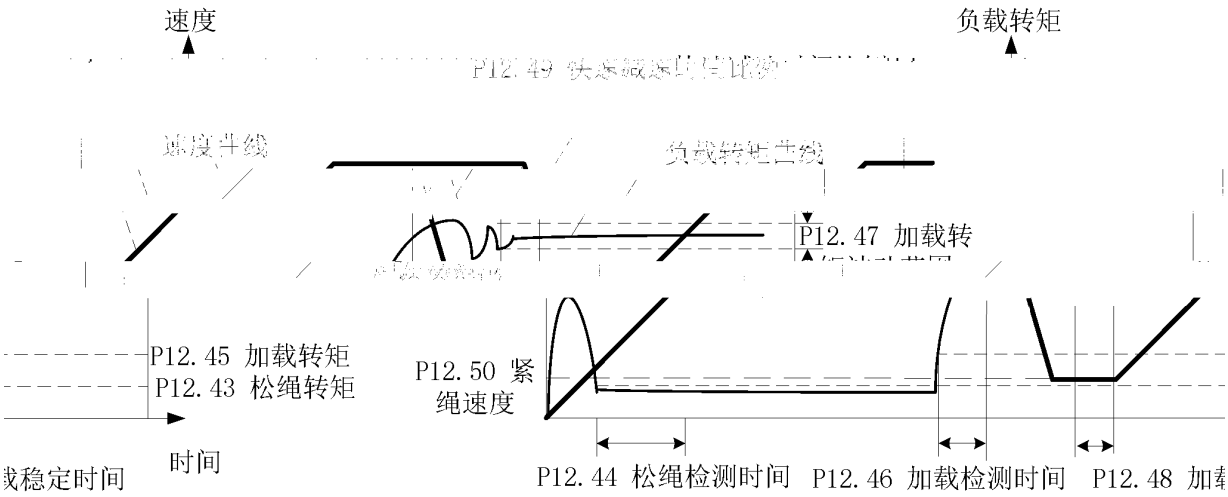
P12.43

P12.46 0.1s

مخ

P12.47 مخ 10%

P12.48 Ŧ î Ķ ŀ



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P3.5 6

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1 FCD LSW غ FCD MSWˆ

101.62 كج 1 32 LSW غ 102.63 كج 1 32 MSW

˜

W18	Temp_Sensing Fail		
W20	SLV_NOT_RDY		
W21	1 SLV1_CAN_ERR	1	1

8.2

[E052]	U IGBT ERR_UT not reset	IGBT IGBT U
[E054]	V IGBT ERR_UT not reset	IGBT IGBT U
[E055]	W IGBT ERR_UT not reset	IGBT IGBT U
[E056]	ERR_SLAVE_FAULT not reset	U
[E057]	ERR_DB not reset	IGBT IGBT U
[E100]	OV	P8.35(1) P7.12( )
[E105]	UV	P7.13( )
[E106]	1 Brake abnormal 1	DI
[E107]	2	DI

Brake abnormal 2

[E108] DC switch open

[E110] OC

[E111] OL

	عجـ	P7.95
[E140]	LineUV عجـ	شجـ عجـ ثم ضي ٦ ـ كح
[E141]	Line OPEN عجـ	شجـ عجـ ٦
[E142]	Line Detection Error عجـ	عجـ
[E143]	كح Line SW Fail عجـ	DI كح كح
[E144]	كح Line SW SHORT عجـ	كح كح ٦
[E145]	(AFE) Line OV عجـ	عجـ P16.0 ٦
[E146]	(AFE) Line Over_Freq عجـ	عجـ عجـ ٦
[E152]	U IGBT PDP[U]	IGBT ٦ IGBT ٦ ٦
[E154]	V IGBT PDP[V]	IGBT ٦ IGBT ٦ ٦
[E155]	W IGBT PDP[W]	IGBT ٦ IGBT ٦ ٦
[E156]	Hardware OC	٦ ٦ أ كح ٦
[E157]	PDP[DB]	كح ٦ كح ٦
[E160]	SLAVE FAULT	٦

[E161]	SLV_NOT_RDY	٦
[E162]	1 CAN SLV1_CAN_ERR	1 ٦
[E167]	CAN CAN_ERR	٦
[E170]	MOTOR TUNING FAIL	P7.33
[E180]	DP P/B ERROR	٦ ٦
[E181]	DP P/B_EM	CW0.4
[E171]	Rope error	
[E200]	ضر LOCAL_EM	[ضر] P3
[E201]	REMOTE_EM	[ ] P3
[E202]	Modbus MODBUS EMERGENCY	Modbus CW0.4
[E203]	DRIVE DISABLED	DP
[E204]	DI ERR DUPLICATE DI SET	DI
[E210]	Panel Error	٦
[E220]	CRC MEMORY CRC ERR	
[E221]	PARAMETER ERROR	٦

8.3

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9

1. أ ك 2. 3. غ U 4. 2
1. CMOS ش 2. أ 3. ش

9.1 غ

أ ك ج

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	1.	< 95%
	2.	2. ء
	1.	1.
	2. كج أً	2. كل
	1.	1. ه
كج أً	2. كل	2. ء كل
	3.	3. نهـ
	1.	1.
	2. كل	2. كل شخ
	1.	1. مخ ضي
	2.	2. ضي

9.4

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ث كج

AMODBUS

A.1MODBUS

MODBUS

U

1MODBUS

	O			
P2.5		0 1~255	0	
P2.6		0 9600BPS 1 14400BPS 2 19200BPS 3 38400BPS 4 56000BPS 5 57600BPS 6 115200BPS 7 128000BPS 8 256000BPS	6	
P2.7	MODBUS	0 RS232 C 1 RS485	0	

1. P2.7

[1] MODBUS 485

2. MODBUS P2.5

MODBUS

3. P2.6

MODBUS

4.

MODBUS

GF630N03-A MODBUS

8_N_1 8 1

GF630N03

1.02

1 أ كج ج

2 2

3 أ ٣

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