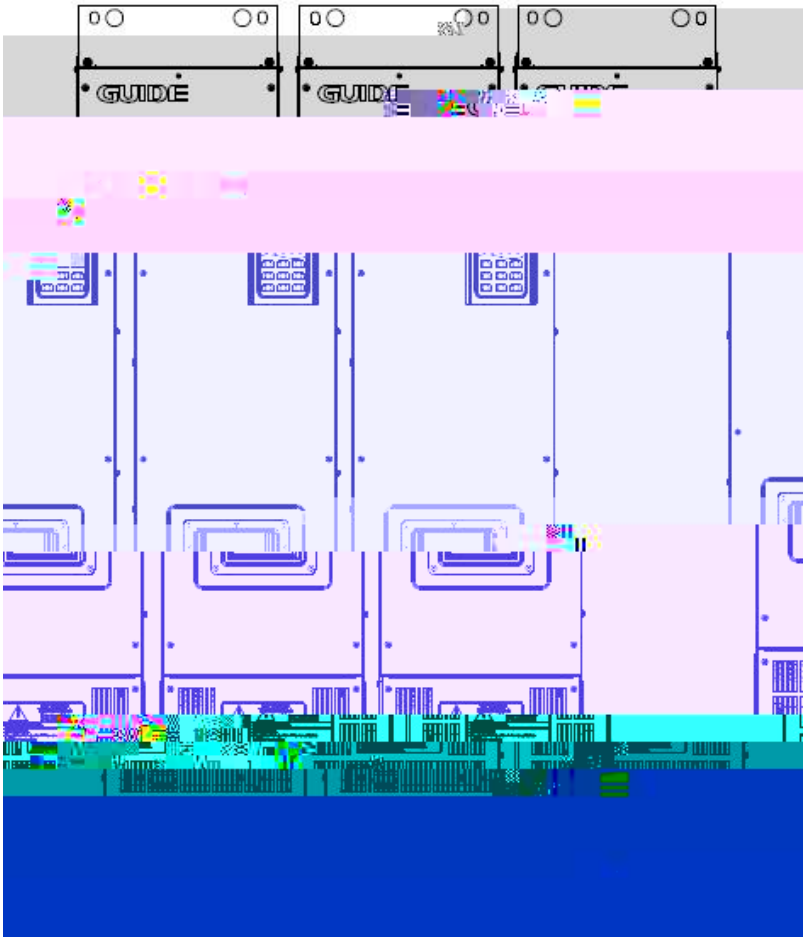
[redacted]

380V 435~3615kW

690V 650~5200kW

1.04

Wuhan GUIDE Technology Co.,Ltd



ج شجـ

شي

RTG ج شجـ

عجـ

ضي غ ج

ـ ج

غ ج شجـ

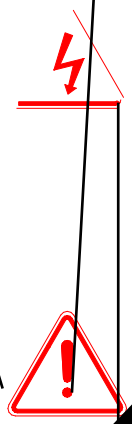
ضي ج شجـ

ڤ يـ ضر

1. 1
1.1 1
1.2 مخ 5
1.3 5
2. 6
2.1 6
2.2 6
2.3 غ ج شجـ 8
3. شجـ 14
3.1 14
3.2 غ قمم 17
3.3 19
3.4 21
3.5 21
3.6 شجـ 22
4. 23
4.1 23
4.2 24
4.3 يحـ 24
4.4 26
5. 35
5.1 شجـ 35
5.1.1 شجـ 35
5.1.2 شجـ 40
5.1.3 48
6. 49
6.1 شجـ 49
6.1.1 49
6.1.2 49
6.1.3 50
6.1.4 51
6.1.5 51
6.1.6 52
7. 53
7.1 53
7.2 54
7.3 56
8. 57
8.1 غ 57
8.2 58
8.3 58
8.4 59
8.5 59
8.6 60

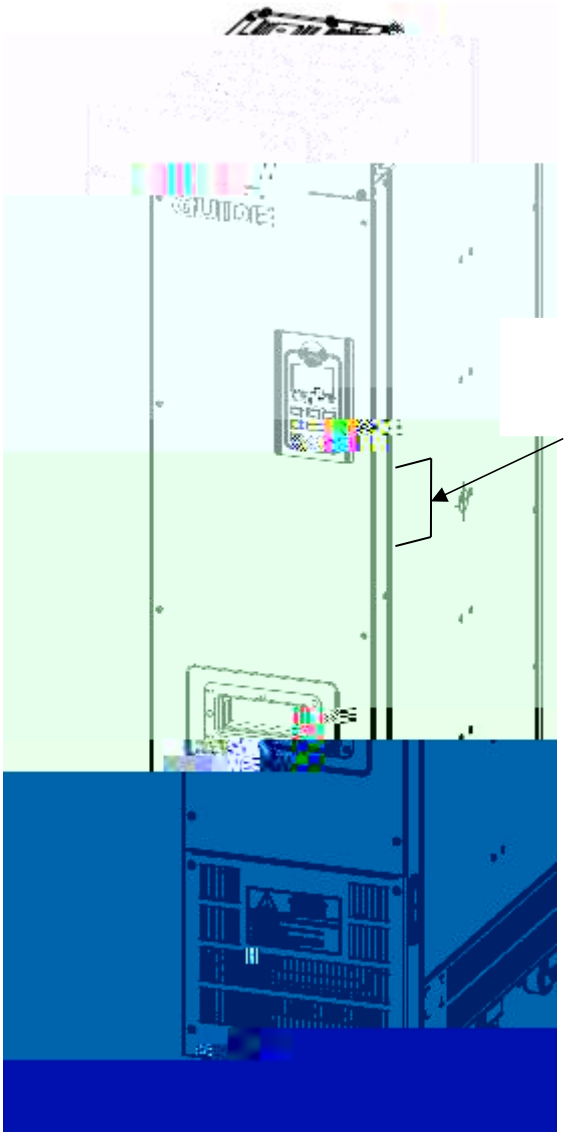
1.

1.1



غ

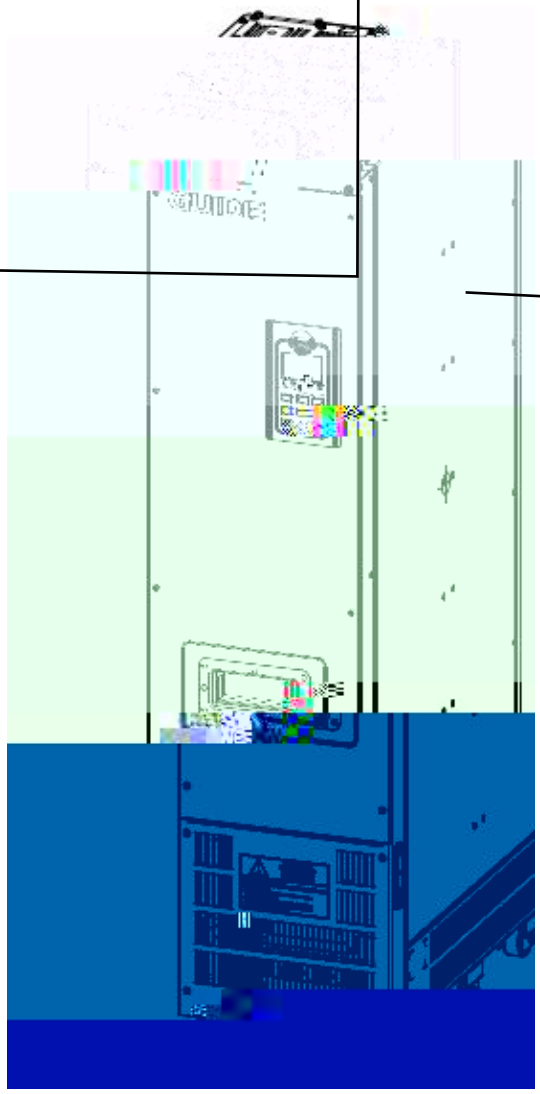
ضي ج شجـ

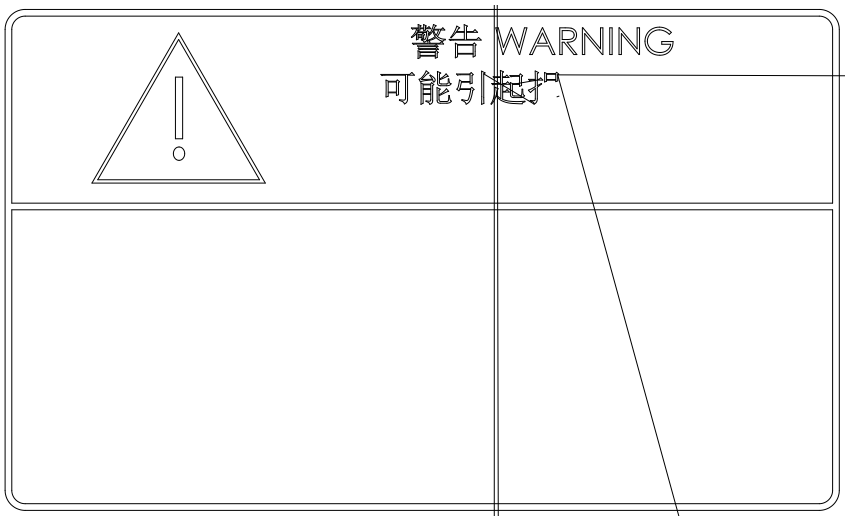


شجـ HF680N-650/930-6

ضي ج

شجHF680N-650/930-6





1.2 مخ

(1) ج شجـ (BLM: Basic Line Modules)

غ عجـ كح

(2) شجـ غجـ

٣ ضي

(3) ضي شجـ

مخ شجـ

(4) غ شجـ

LVD	2014/35/EU	EN 61800-5-1
EMC	2014/30/EU	EN 61800-3

1.3

شجـ

ضي شجـ

ضي ج شجـ

ج شجـ

GDHF-1000-DH01

HF680N

GDHF-1000-DH01 + + 4

GB/T9074.4

2.0mm M4×6

2.3.4

GDHF-1000-DH01



2.8*8.8 2

2



2.8*8.8 2 HF680N

2

GDHF-KL4 4

4



GDHF-KL4 4 HF680N

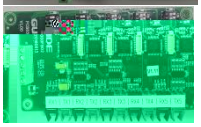
4

GDHF-FB01



1 HF680N

GDHF-FB02



HF680N

GDHF-FB03

2.3 غ ج شجد

1. " " / كج شجد ضي
غ ضي
/ كج ضي
2. نهـ

2.3.1 ج شجب

نهـ ضي يـ

همم شي

نهـ طم

10cm ضي شي ضي

5cm شي

شي غ 6

غ

-10 +40

40

1 1% -20 +60 -20 +60

50 1 /

٣

-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

I I

57Hz ≤ f ≤ 150Hz 57Hz ≤ f ≤ 150Hz 9.8

9.8 m/s^2 m/s^2

100m/s^2 11ms 100m/s^2 11ms

250mm <100kg 250mm <100kg

100mm ≥ 100kg 100mm ≥ 100kg

95%RH

1000 1000 شي 100 1%

3000 ٣

2

ضر مخي

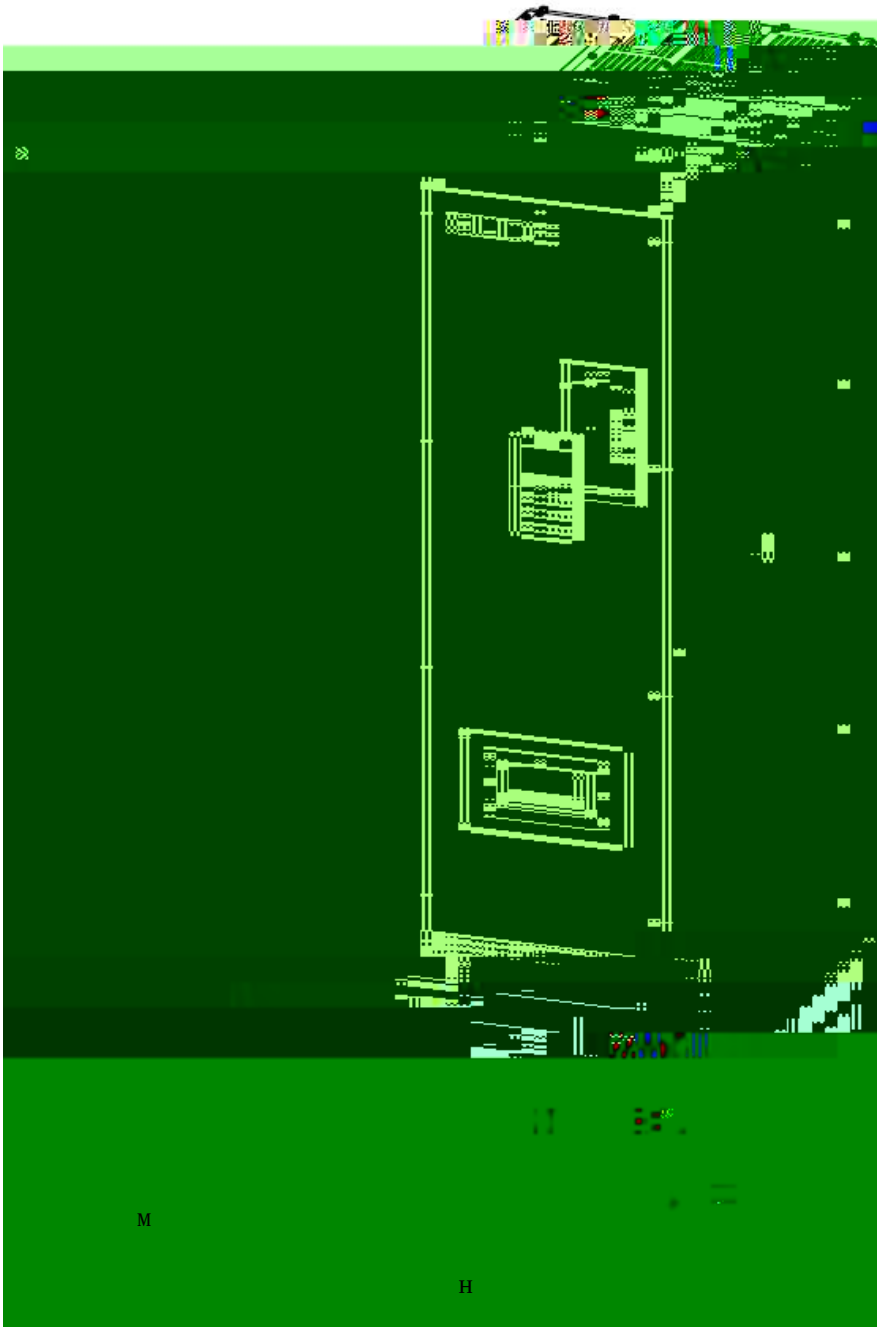
3

3.2

2.3.3 ġ

M 1 12

H 2



M

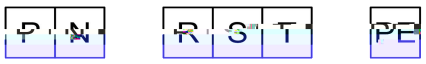
H

2.3.4 غ

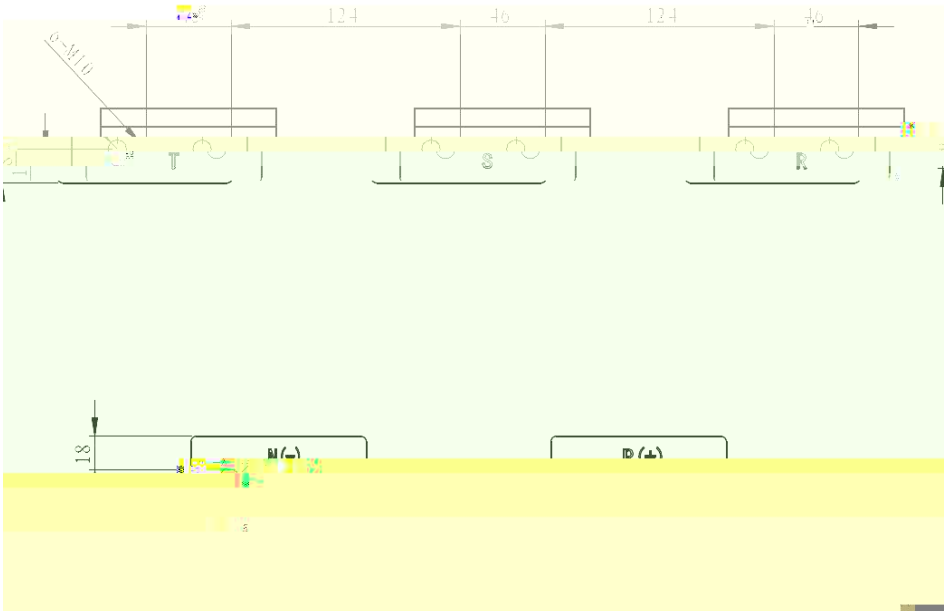
3. شجب

3.1

1 عج



P	
N	
R S T	شجب
PE	ضر ضر شجب



HF680N-650/930-6 يد

2 عجـ

+10V-GND	10V	+10V 50mA كج كج مخ 1kΩ~5kΩ
+24V-COM	24V	+24V غ كج 200mA
PW		24V DI1~DI5 ÐO1 PW 24V
AI1-GND	1	مخ DC -10V~10V 100kΩ
AI2-GND	2	مخ -10VDC~10VDC/0mA~- Š ţ A

0

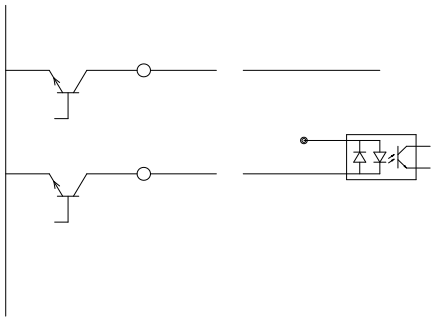
Ɔ ɹ

ƆCɹ-DCɹ ʎo



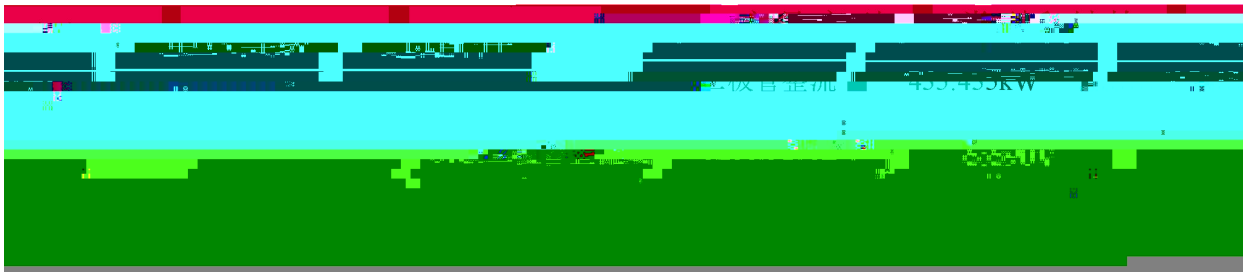
0V NPN

يد



3.2 غ قمم

شج قمم



قمم ج

A	ج HF680N
B	غ قمم 01M شج 01C
C	435=435kW 5200=5200kW
D	4 380V 6 690V
E	كج

MB01	Modbus RTU	DP01	Profibus DP
PN01	Profinet	CAN01	CANopen

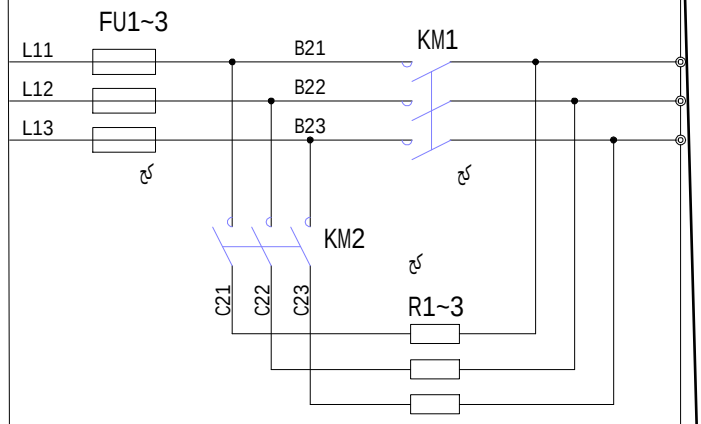
قمم

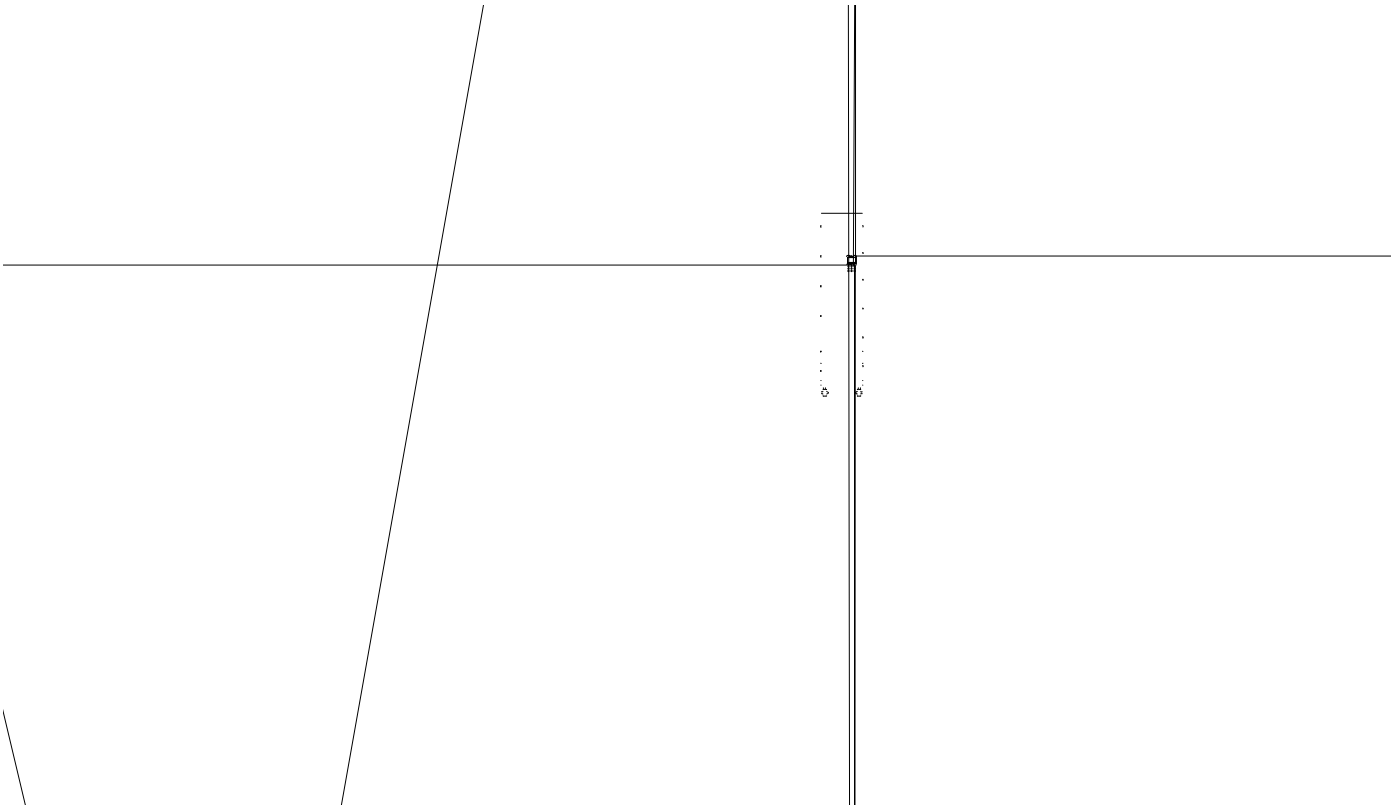
1 HF680N01M-650-4 380V/650kW LCD

2 HF680N01M-650-6+PN01 690V/650kW شج Profinet LCD

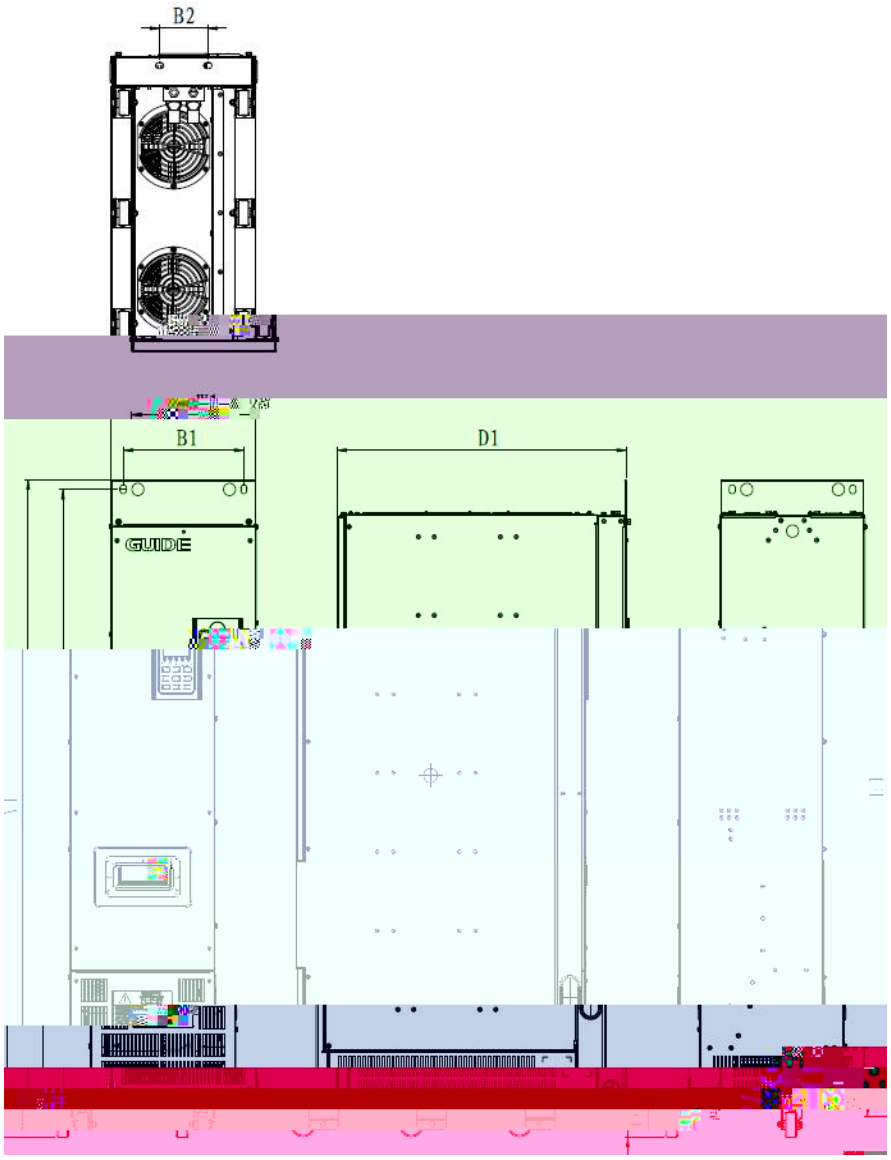
		380V			
	kW	(kVA)	(A)	(A)	
HF680N01 435	35	453	653		M4
HF680N01	0	679	980	1	M4
			1215		
HF680N01C-1200-4	12	1263	1822	2232	2*M4
F680N01C 00-4	1800	1894	2734	3348	M4
H -2400-4	2400	2525	3645	4464	4*
HF680N01C-3000-4	3000	3157	4556	5580	5*M4
HF680N01C-3600-4	3600	3788	5467	6696	6*M4

3.3





3.6 شجر



شجر M4 (650KW~930KW) يد

شجر 650kW~930kW

نغم	mm			mm				8.8	kg
	H1	W1	D1	A1	B1	B2			
HF680N01M-435-4	1335	300	600	1315	250	100	4- φ 12	4-M10	200
HF680N01M-650-4									
HF680N01M-650-6									
HF680N01M-930-6									

4.2

غ ▼

عجـ ▲

ENTER /RESET

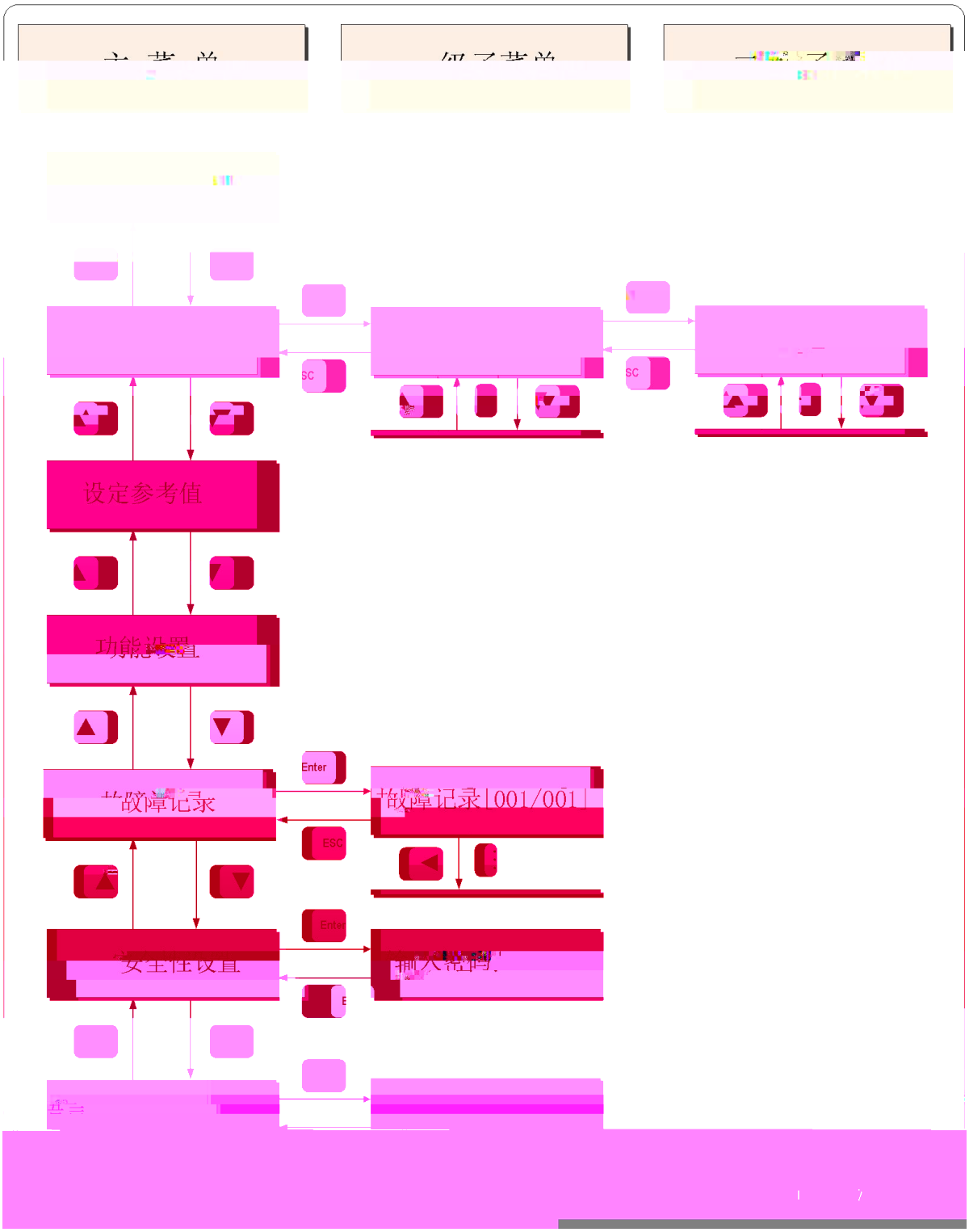
عجـ ج RUN

غ STOP غ ضر LOCAL/REMOTE

ضر/

4.3 يجـ

Drive Monitor	Speed Power	I/O ج
Parameter Edit	P0 ~ P49	
Function Set	System reset Backup Restore Para	
Error Event Log	Error Log	
Security	Security Edit	Access Level
Display Edit	Display Edit	


ESC
设定参考值
功能设置
Enter
故障记录
故障记录|001/001|
ESC
Enter

4.4

1 Drive Monitor

شبح (I/O) غ



V

V

kW

H:L ضي

H:L ضي

1 % 1

2 % 2

1 V 1

1 A 1

2 V 2

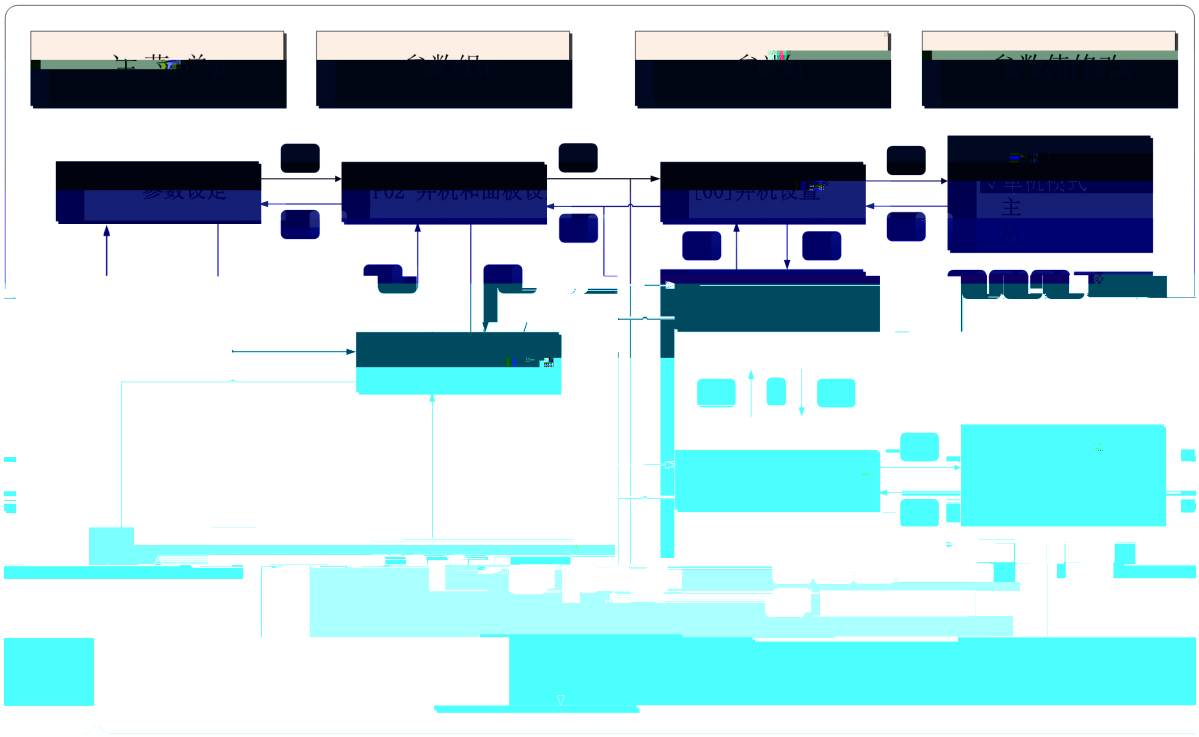
2 A 2

V شبح

A A A

B A B

2 Parameter Edit



3 Function Set

Function Set

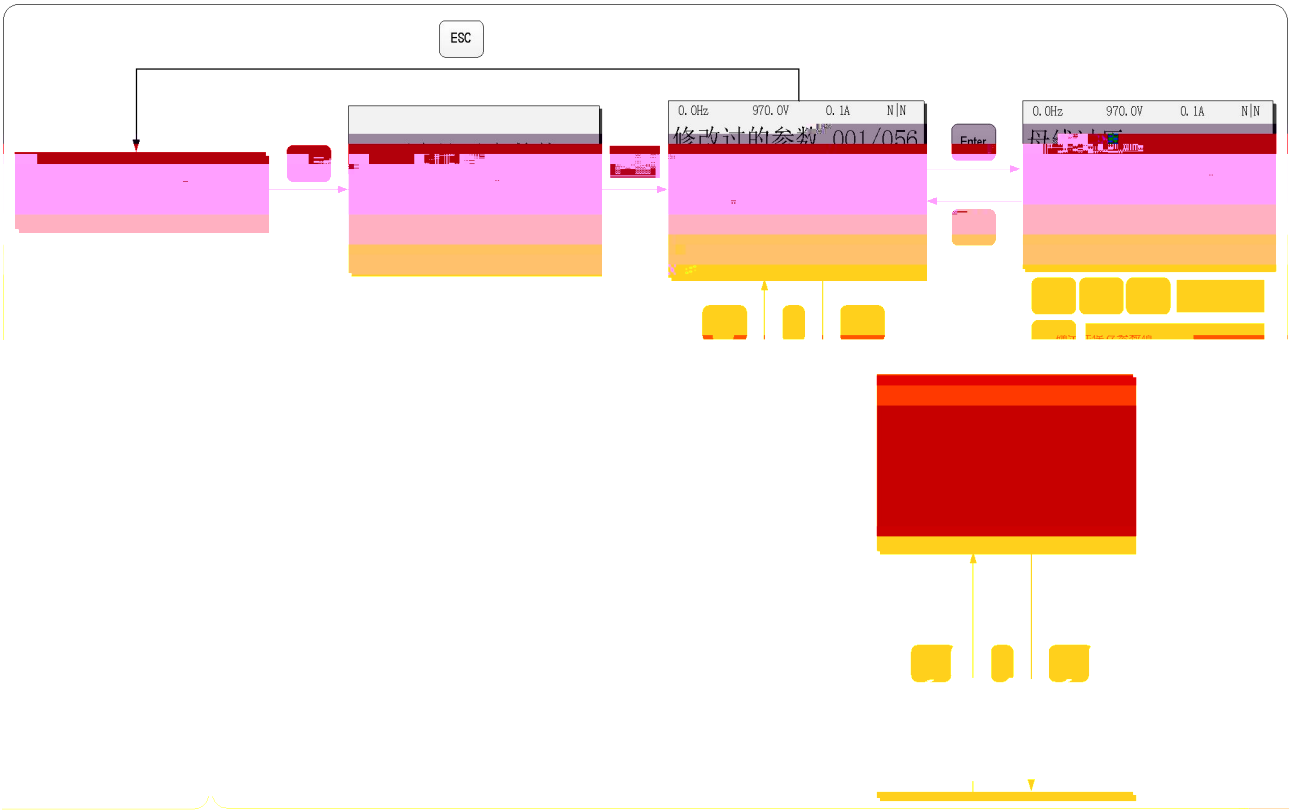
ج

ضي

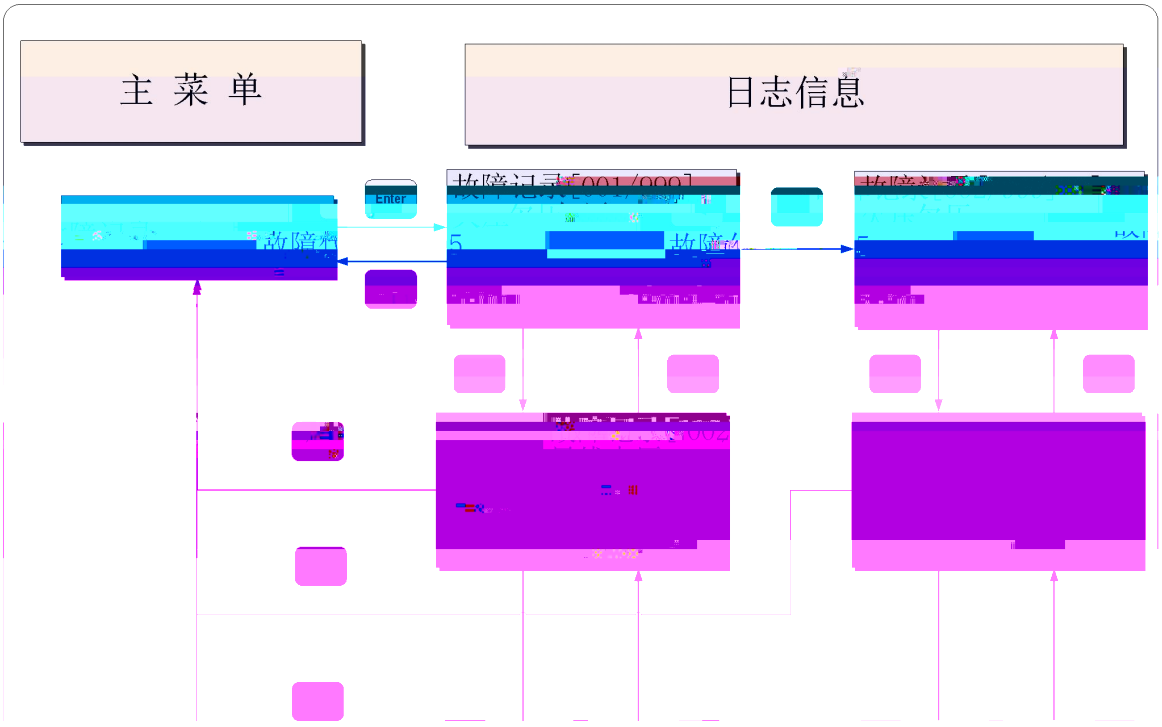
Function Set ٠ o ز



▼ ▲ “Enter”



4 Error Event Log



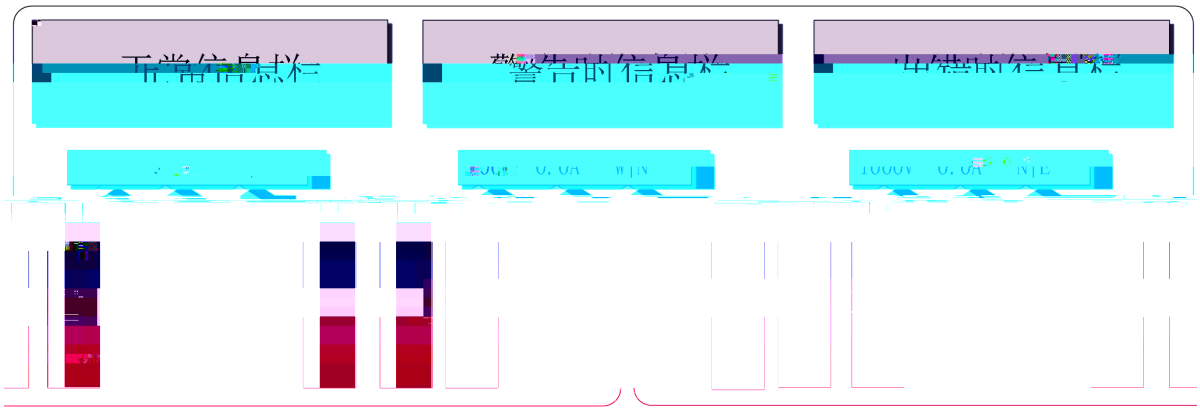
5 Security



7 Information Bar

غ

ج يد



8 غ Warning and Error

ض غ

“ RESET ” “ ESC ” غ

غ

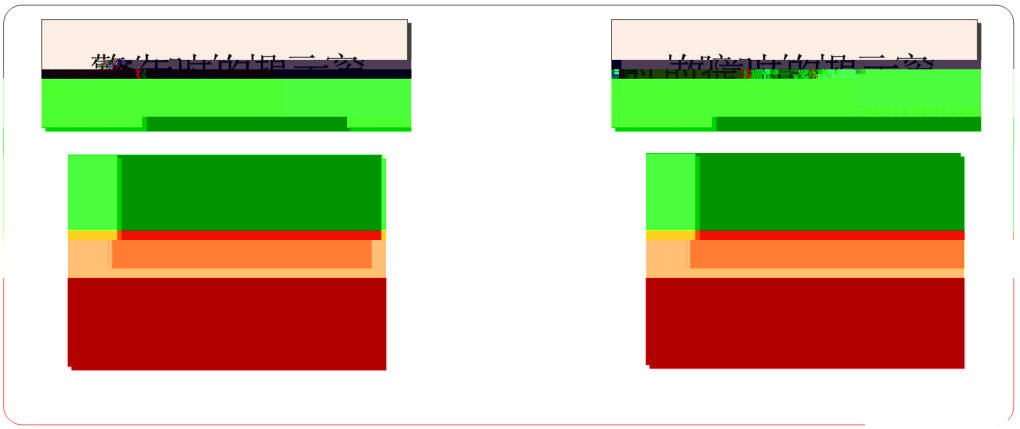
ض “ ” “ ”

ت غ “ RESET ”

ض “ ” “

غ ” “ RESET ” 15

غ



5.

5.1

		DO
P4.4 DO5	32	
P7.0	180%	
P7.4	200%	
P7.12	800V	
P8.6	300s	300s 0.5s
P16.0	380V	( )
P16.2		650kW 650kW
P16.4		650kW 980A
P16.11	3	
P24.7	0V	ADJ V6.01

690V

P3.0	1	
P3.1	20	
P3.3	5	
P4.1 DO2	2	
P4.3 DO4	0	DO
P4.4 DO5	32	
P7.0	180%	
P7.4	200%	
P7.12	1200V	

P8.6	300s	300s 0.5s
P16.0	690V	( )
P16.2	شبج	650kW 650kW
P16.4	شبج	650kW 570A
P16.11	3 عج	
P24.7	0V	ADJ V6.01

ضم **380V** **690V** **شبج** Local/Remote

Local Run كح

كح “ ” 950-1000V

参数	名称	值	单位
100.15	DO 功能本地测试 1	1	
100.16	DO 功能本地测试 2	0	
100.17	DO 功能本地测试 3	0	

P3.0-P3.7 0 PLC DI DI

DI 1

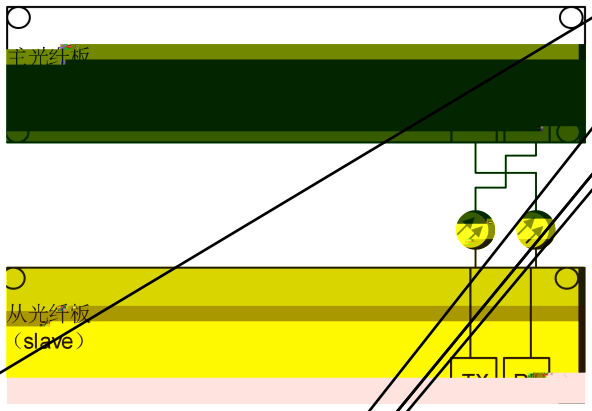


380V

P3.0		1
P3.1		20
P3.3		5
P4.1	DO2	2
P4.3	DO4	0

690V

P3.0		1		
P3.1		20	ﻚﻟ	ﻚﻟ
P3.3		5		
P4.1	DO2	2		
P4.3	DO4	0	ﻚﻟ ﻩﻫ DO ﻚﻟ	
P4.4	DO5	32		
P7.0		180%		
P7.4		200%		
P7.12		1200V		
P8.6		300s	300s 0.5s	
P16.0		690V	( )	
P16.2		ﺵﺸﺟ	650kW	650kW
P16.4		ﺵﺸﺟ	650kW 930kW 1210kW	570A 820A 1063A
P16.11		3	ﻉﺟ	
			ADJ	
P24.7		0V		
			V6.01	



380V

P2.0	2			
P4.1 DO2	2			
P7.0	180%			
P7.4	200%			
P7.12	800V			
P16.0	380V			
P16.2	شج	1/2	800kW	400kW
P16.4	شج	1/2	800kW	605A
P16.11	3 عج			

690V

P2.0	2	
P4.1 DO2	2	
P7.0	180%	
P7.4	200%	
P7.12	1200V	
P16.0	690V	d’

P16.2	شجر	1/2	800kW	400kW

gdetec m

690V AFE

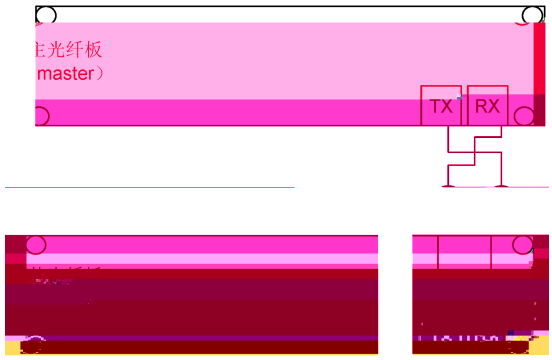
P2.0	1	
P2.3	1	
P3.0	1	
P3.1	20	
P3.3	5	
P4.1 DO2	2	
P4.3 DO4	0	DO
P4.4 DO5	32	
P7.0	180%	
P7.4	200%	
P7.12	1200V	
P8.6	300s	300s 0.5s
P16.0	690V	
P16.2		800kW 800kW
P16.4		800kW 670A
P16.11	3	
P24.7	0V	ADJ V6.01

220V 220V

يد DI 1



ضه غ يد يد



380V

P2.0	2	
P4.1 DO2	2	
P7.0	180%	
P7.4	200%	
P7.12	800V	
P16.0	380V	
P16.2	شبد 1/2	800kW 400kW
P16.4	شبد 1/2	800kW 605A
P16.11	3 عد	

690V

P2.0	2	
P4.1 DO2	2	
P7.0	180%	
P7.4	200%	
P7.12	1200V	
P16.0	690V	
P16.2	شجـ 1/2	800kW 400kW
P16.4	شجـ 1/2	630kW 264A 800kW 335A 1000kW 418A
P16.11	3 عجـ	

380V AFE

P2.0 1

P2.3 1

P3.0 1

P3.1 20 كج كج

P3.3 5

P4.1 DO2 2

P4.3 DO4 0 كج نهـ
DO كج

P4.-

			300s
P8.6	300s		0.5s
P16.0	380V		
P16.2		800kW	800kW
P16.4		800kW	1210A
P16.11	3		
P24.7			

630kW

P16.4 شجب

5		</RST
14		
15	.NC	
20	ر	ر ر

6.1.3

6.1.4

			مخ		
P7.0	[1]	شجـ	0.0 300.0 [%]	180.0 [%]	
P7.4	[1]	شجـ	0.0 300.0 [%]	235.0 [%]	
P7.12		شجـ	800 1250 [V]	1200 [V]	
P7.13		شجـ	400 750 [V]	550 [V]	
P7.14		شجـ	60.0 100.0 [ ]	87.5 [ ]	
P7.47			0.0 300.0 [%]	100.0 [%]	
P7.48	1	شجـ 1	0.0 300.0 [%]	150.0 [%]	
P7.49	1	شجـ 1	0.00 60.00 [s]	60.00 [s]	
P7.50	2	شجـ 2	0.0 300.0 [%]	200.0 [%]	
P7.51	2	شجـ 2	0.00 5.00 [s]	5.00 [s]	
P7.95		شجـ	0.0 20.0 [s]	15.00 [s]	

6.1.5

			مخ		
P8.0		[0] [1] [2]DP [3]MODBUS [4] شجـ	0 4	0	شجـ

6.1.6

			مخ		
P16.0			320 460 [V]	380 [V]	
P16.2		شجب	0.0 4000.0 [kW]	قمم [kW]	
P16.4		شجب	0.0 6500.0 [A]	قمم [A]	
P16.11		[0]V/F [1] [2] [3] شجب [4]	0 4	0	شجب [3]

7.

7.1

ضي

غجد

W01 SYS_NOT_RDY (Ready)

[

]

W02 NO_DRV_ENABLE

7.2

[E056]	ERR_SLAVE_FAULT not reset	
[E100]	OV	P8.35(1) P7.12( )
[E105]	UV	غج P7.13( )
[E110]	OC	P7.4([1]) شج P7.4( )
[E111]	OL	P7.48 P7.49
[E112]	ضر ZC	P7.8 ضر كح
[E113]	MIP	
[E114]	MOP	كح
[E137]	FAN STALL	
[E138]	TEMP_SENSING FAIL	
[E139]	Pre_Charging Fail شج	شج عج كح P7.95
[E140]	Line UV شج	شج كح ضي ثم
[E141]	Line OPEN شج	شج
[E142]	Line Detection Error شج	شج شج
[E143]	كح Line SW Fail شج	DI كح كح

7.3

شبح

شبح		•	• DC15V
		• كح	• D05 • D05 كح • شبح
		• كح	• D04 كح • شبح

8.


1 ج شبج 2 3 عج 4

1 CMOS شخ 2 3 شخ

8.1 غ

ج شبج ج قمم

ج شبج

غج كح ج ذ

ج شبج غج ج ضي

ج شبج غ

8.2

شجـ ج شجـ

ج شجـ ث ج

	1. 2.	1. > 40 < 95% 2. ء
	1. 2. ج	1. 2. كل
ج شجـ	1. 2. كل 3.	1. 2. ء كل 3. نه
	1. 2. كل	1. 2. كل شخ
	1. 2.	1. مخ ضي 2. ضي

8.3

ج شجـ

ج شجـ

كج		
كج		
	ء	
	غ كل 2	1 2
PCB		

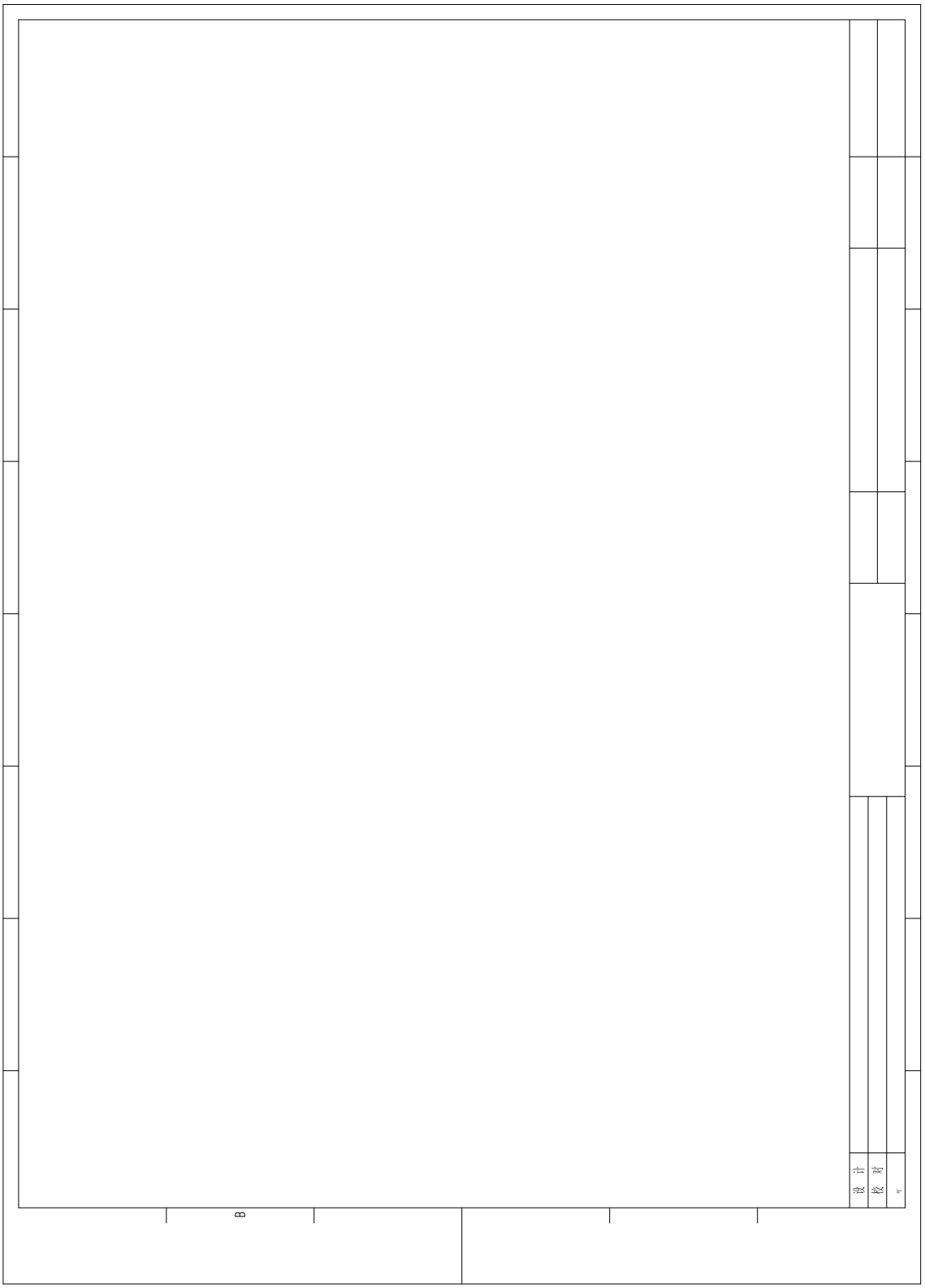
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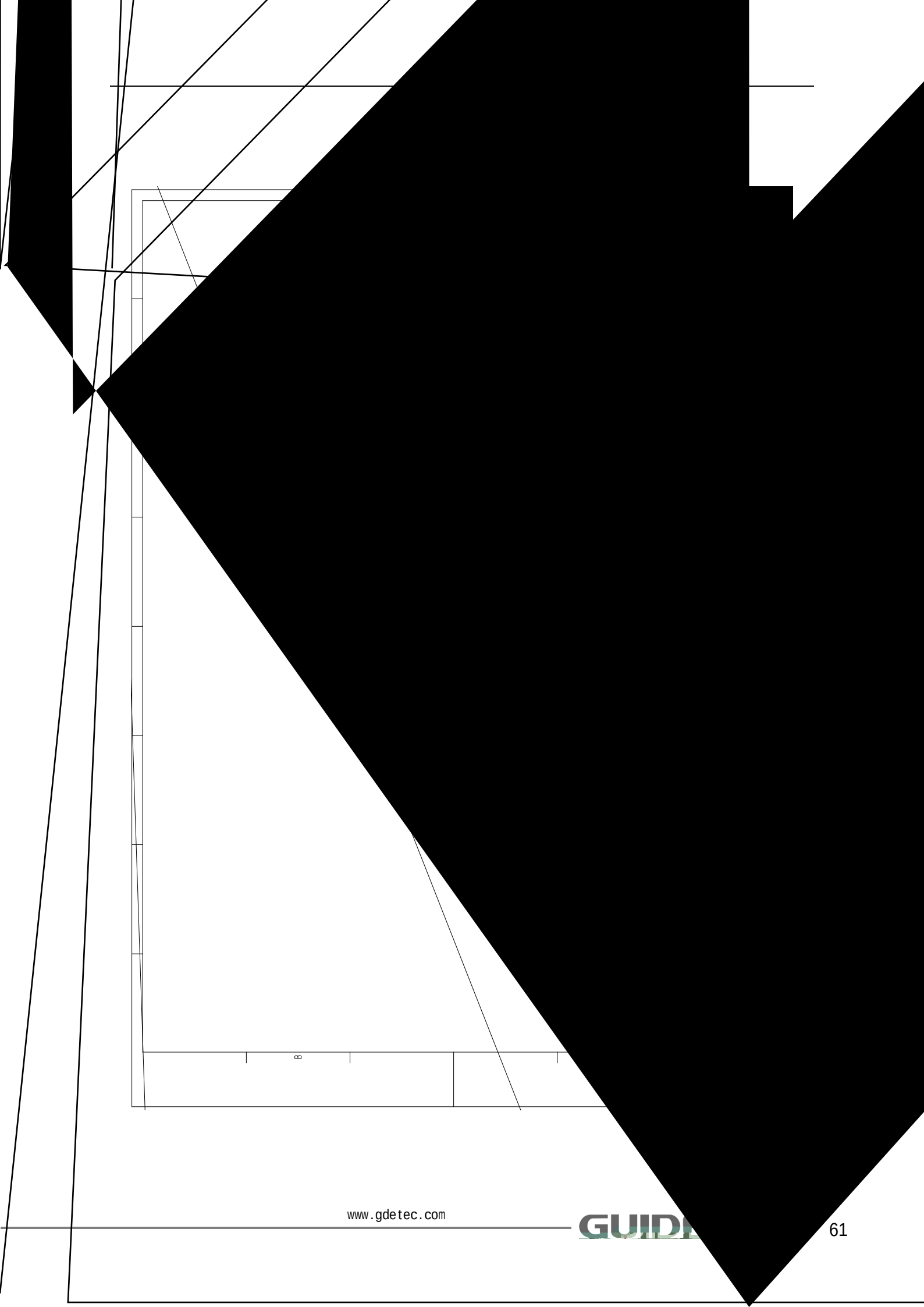
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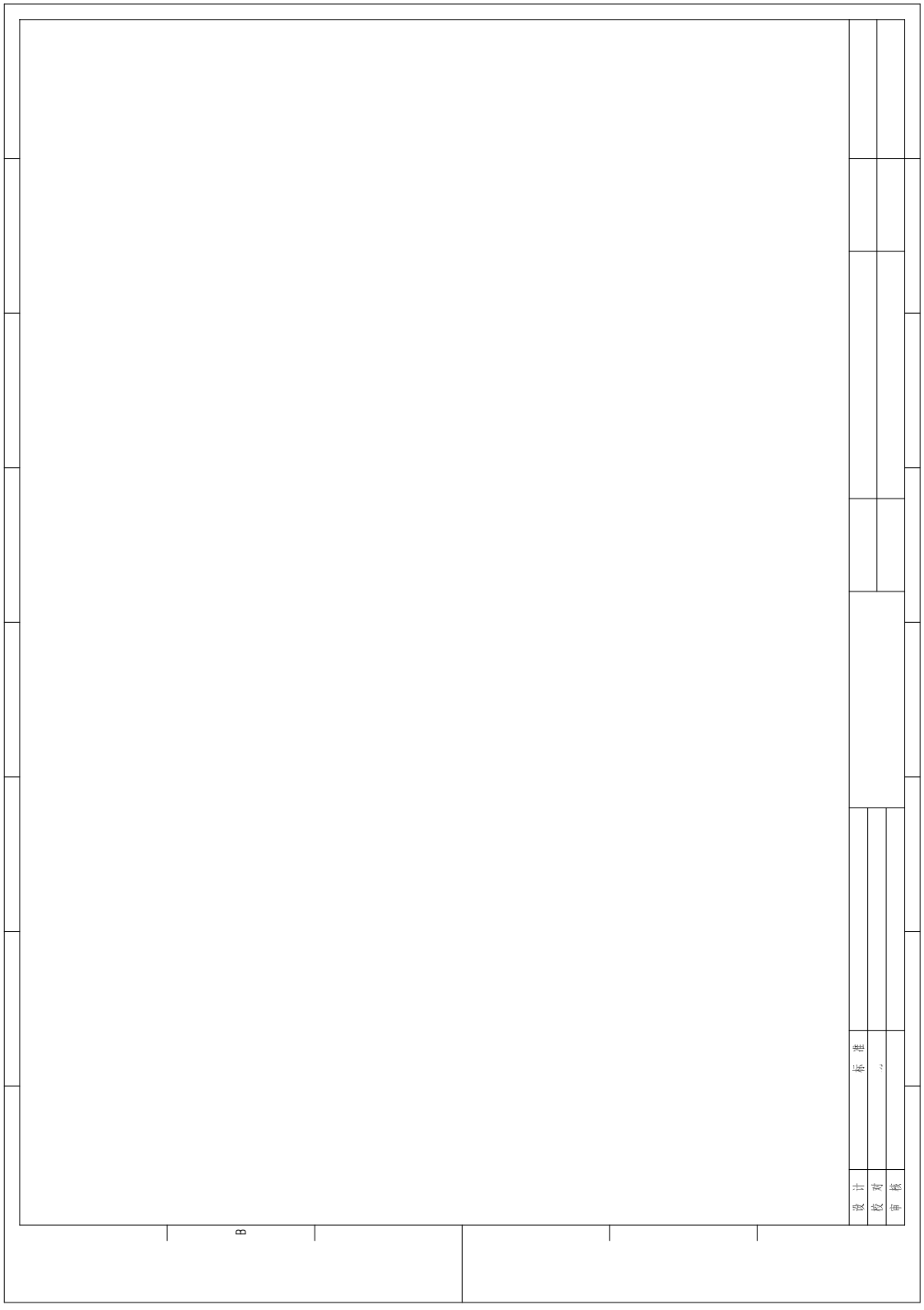
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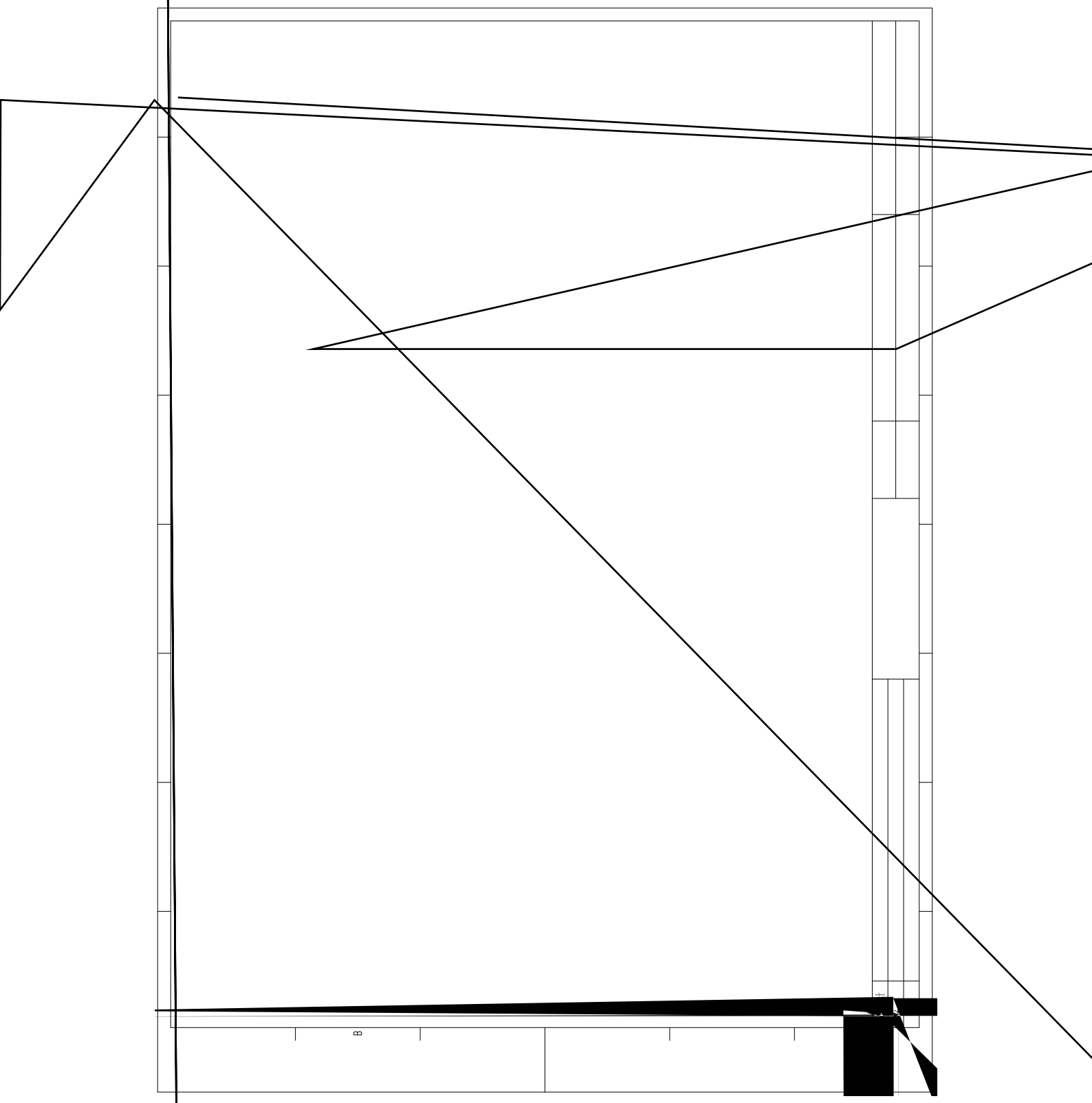
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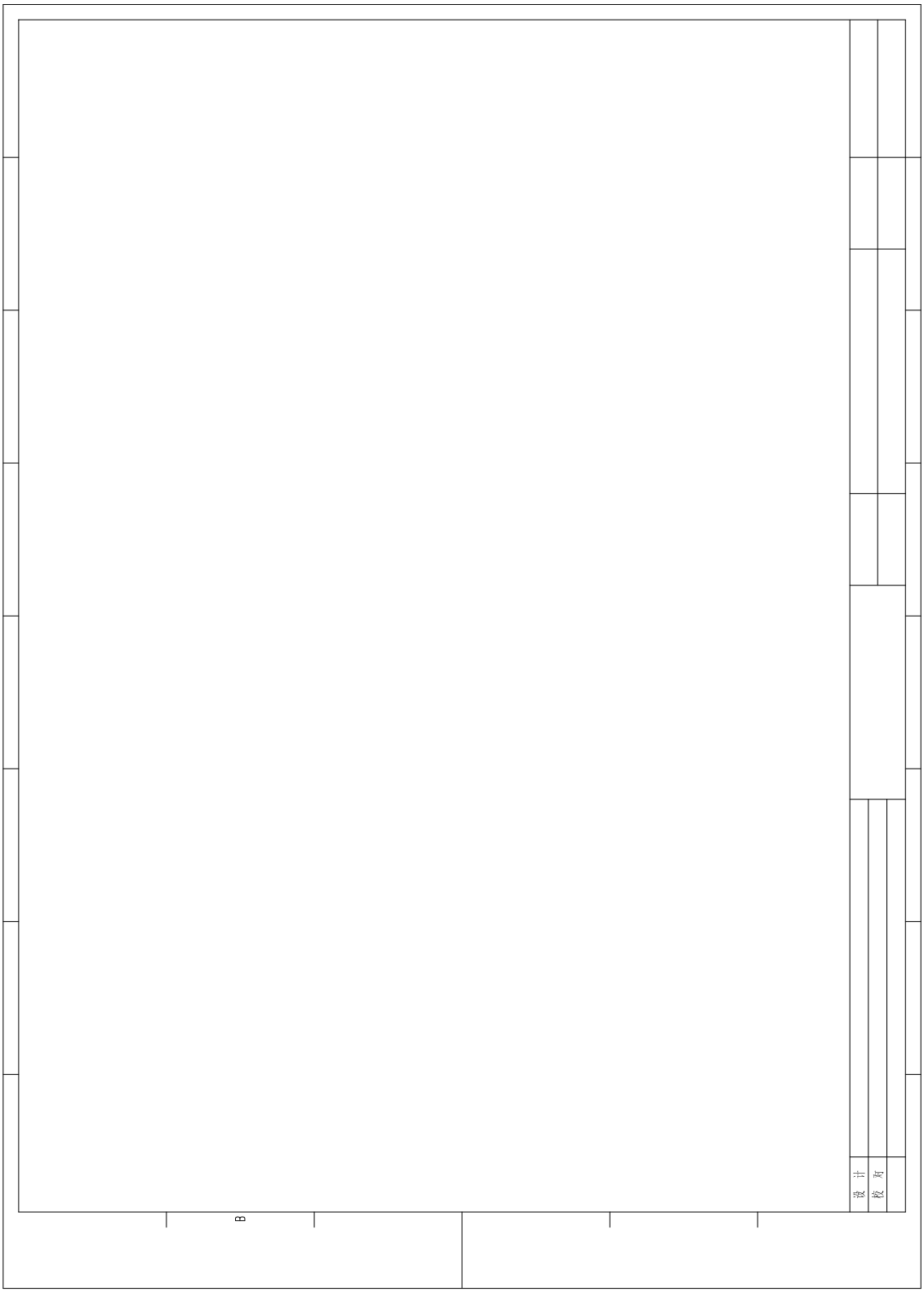
8.6






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