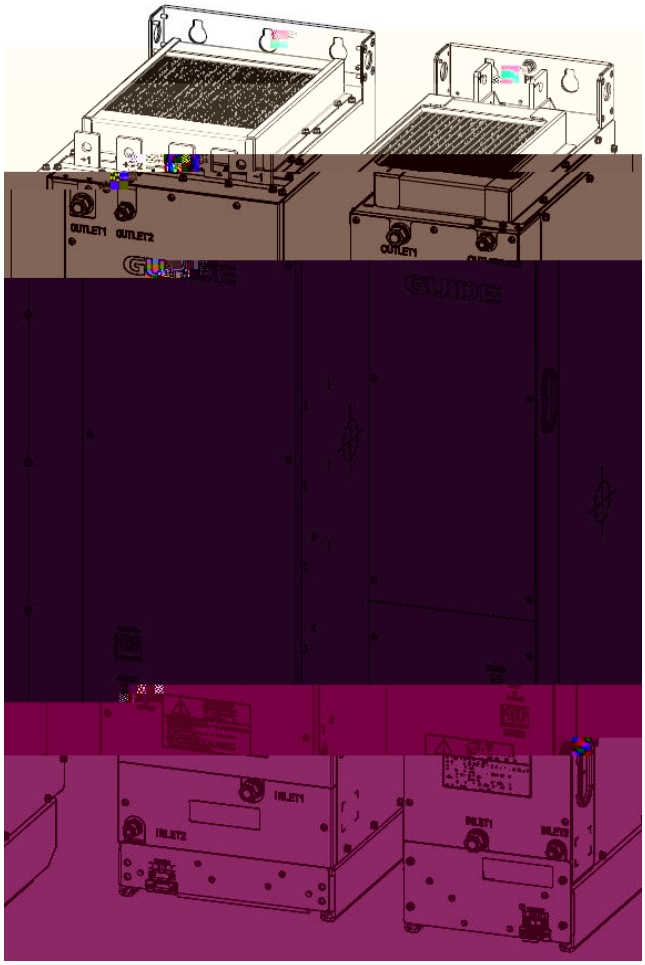
HF680NLC

400V 250-630kW

1.00

Wuhan Guide Technology Co.,Ltd.



. 1
.....1
.....5
.....5
. 6
.....6
.....6
.....7
.....9
. 14
.....14
.....14
.....20
.....21
.....22
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.....37
.....37
.....38
. 45
.....45
.....46
. 51
.....51
.....71
. 77
.....77
. 83
.....83
.....83
.....85
.....87
.....88
.....90
.....92

95
98
101
104
105
107
108
110
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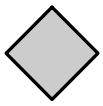
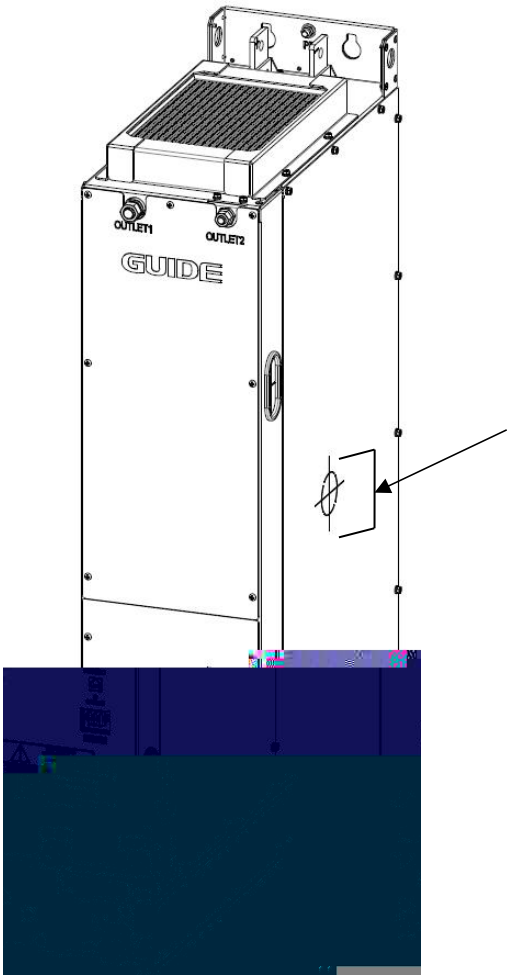
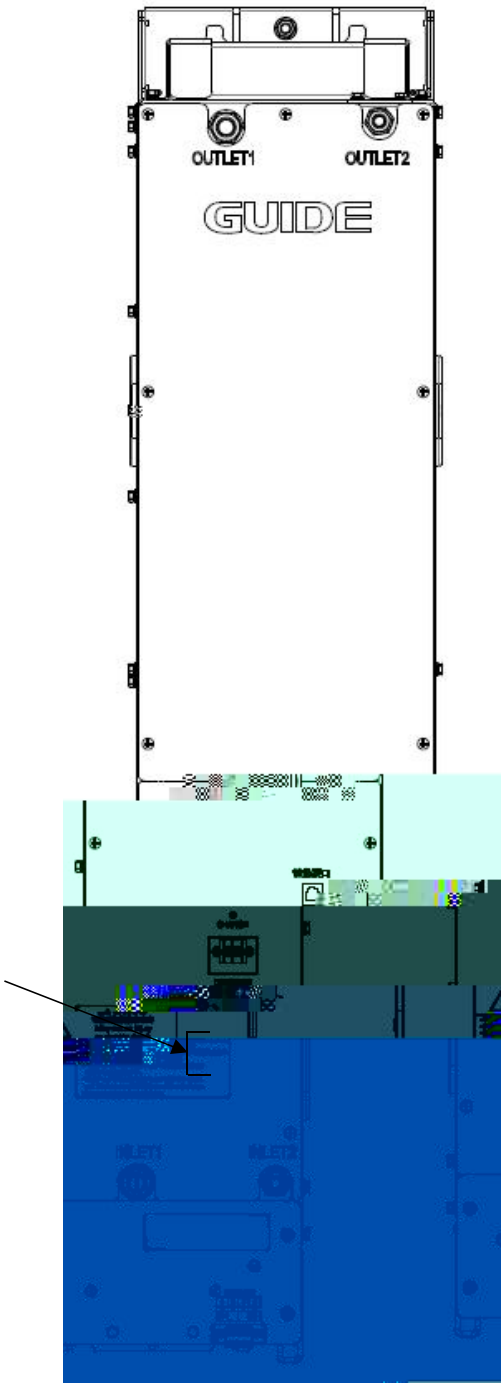
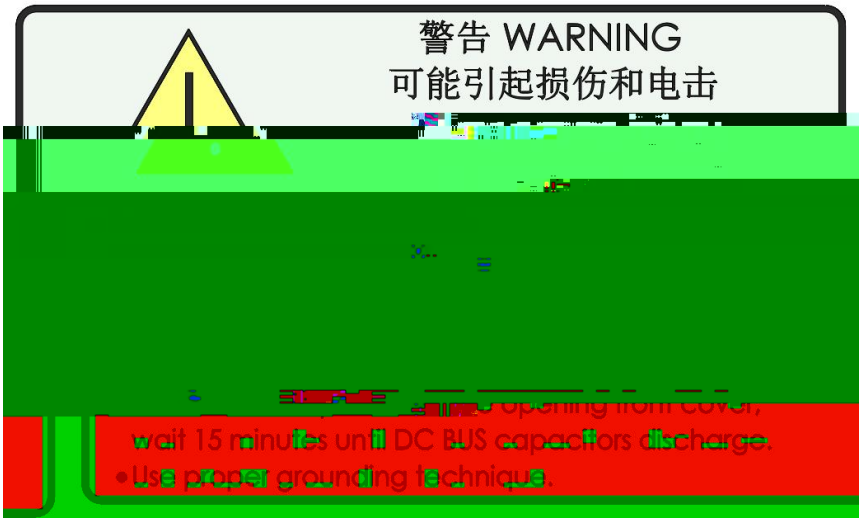
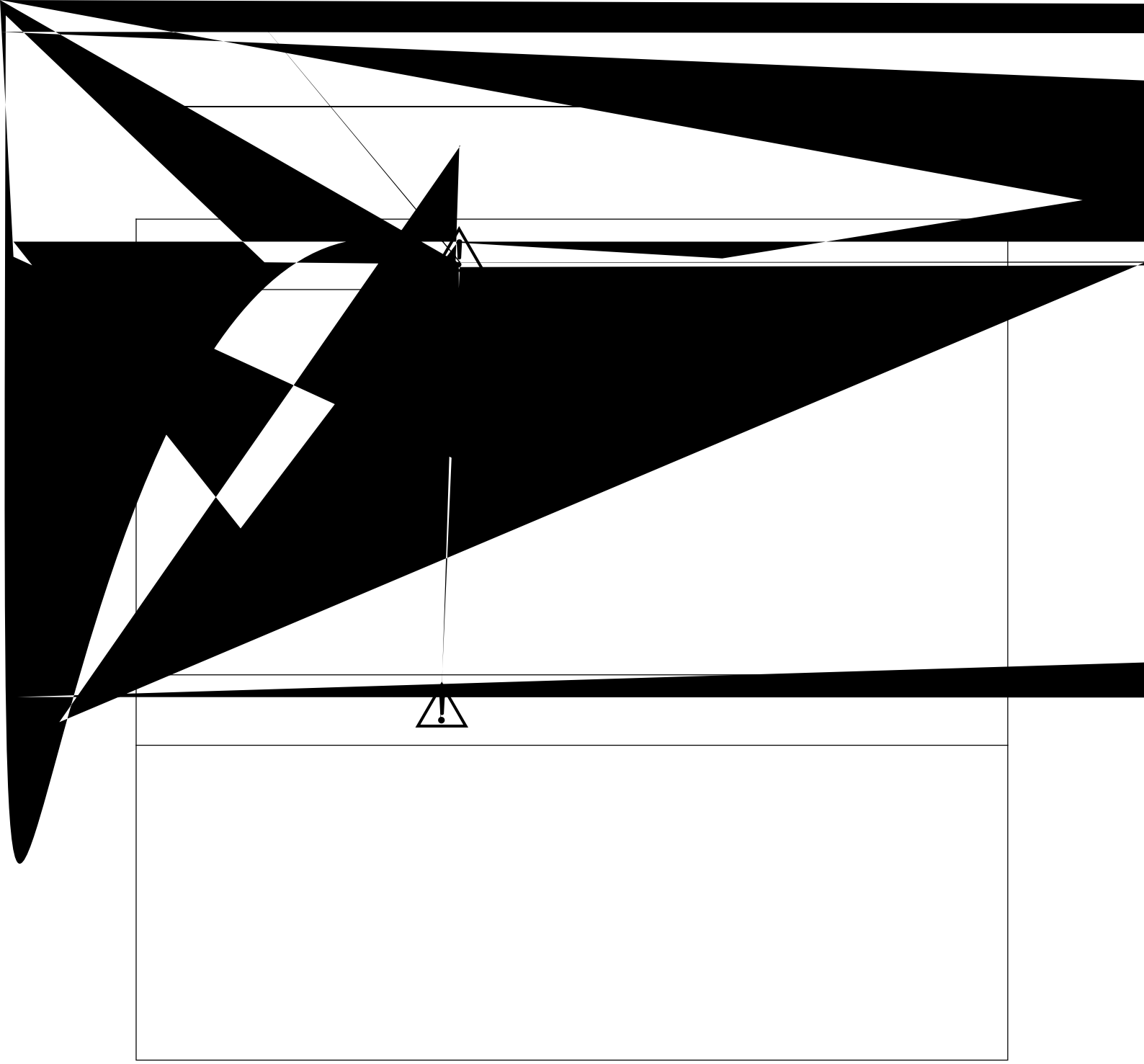
159
160
161
161

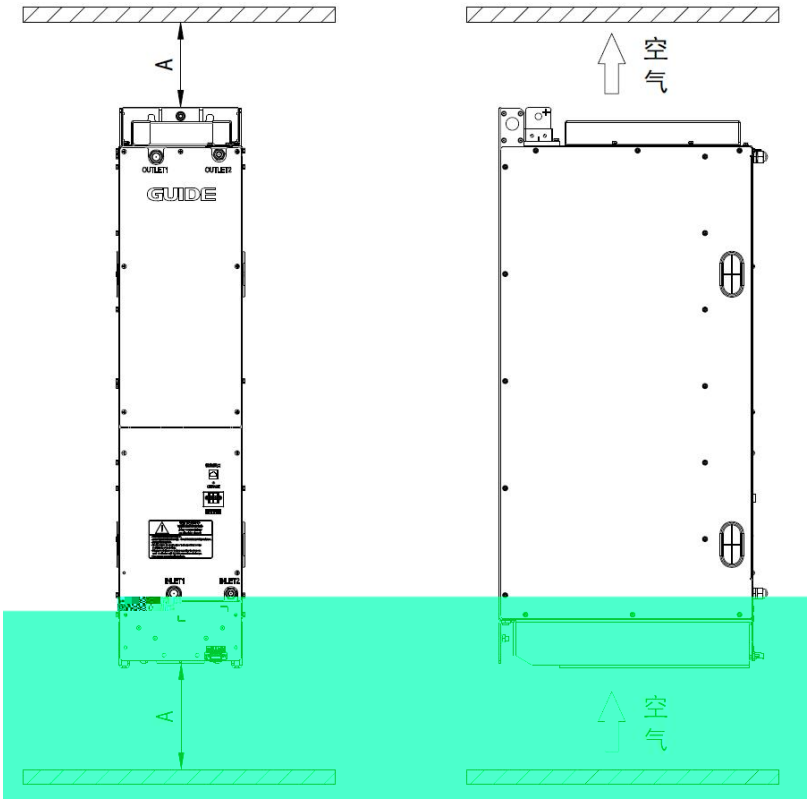


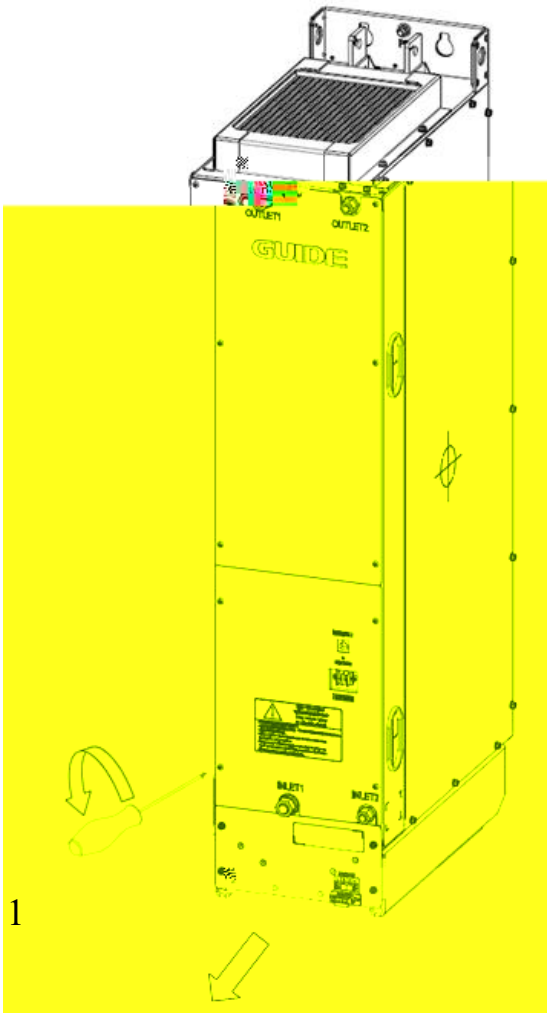

OUTLET1
OUTLET2
GUIDE


OUTLET1
OUTLET2
GUIDE


警告 WARNING
可能引起损伤和电击
wait 15 minutes until DC BUS capacitors discharge.
• Use proper grounding technique.

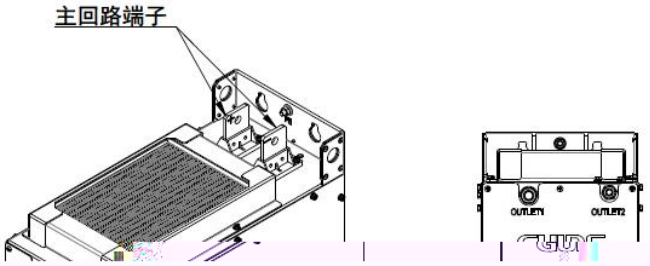


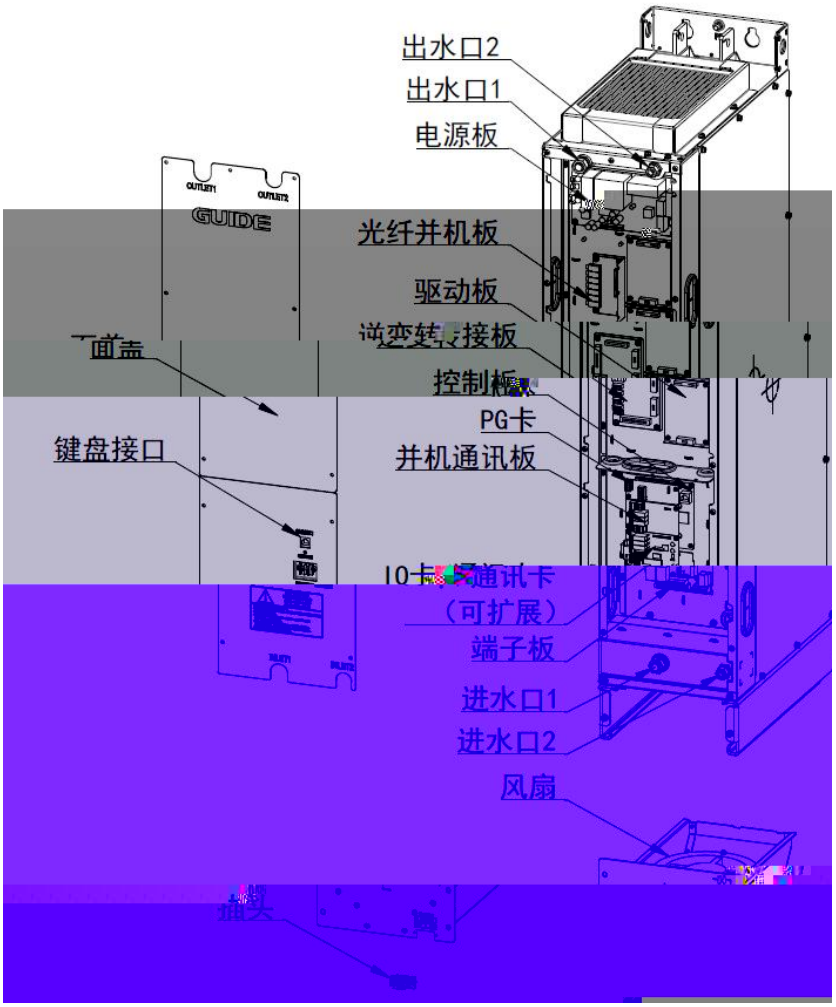

A
OUTLET1
OUTLET2
GUIDE
INLET1
INLET2
A
空气
空气



1

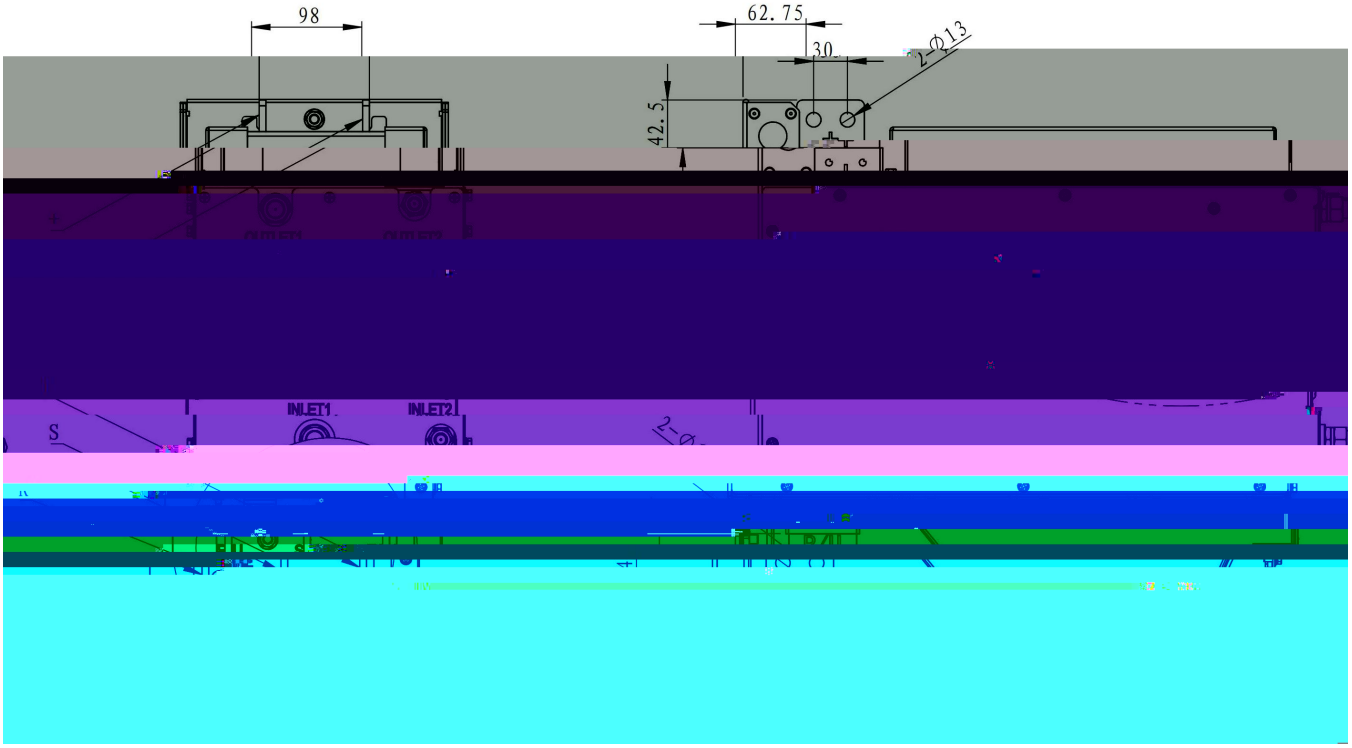
2

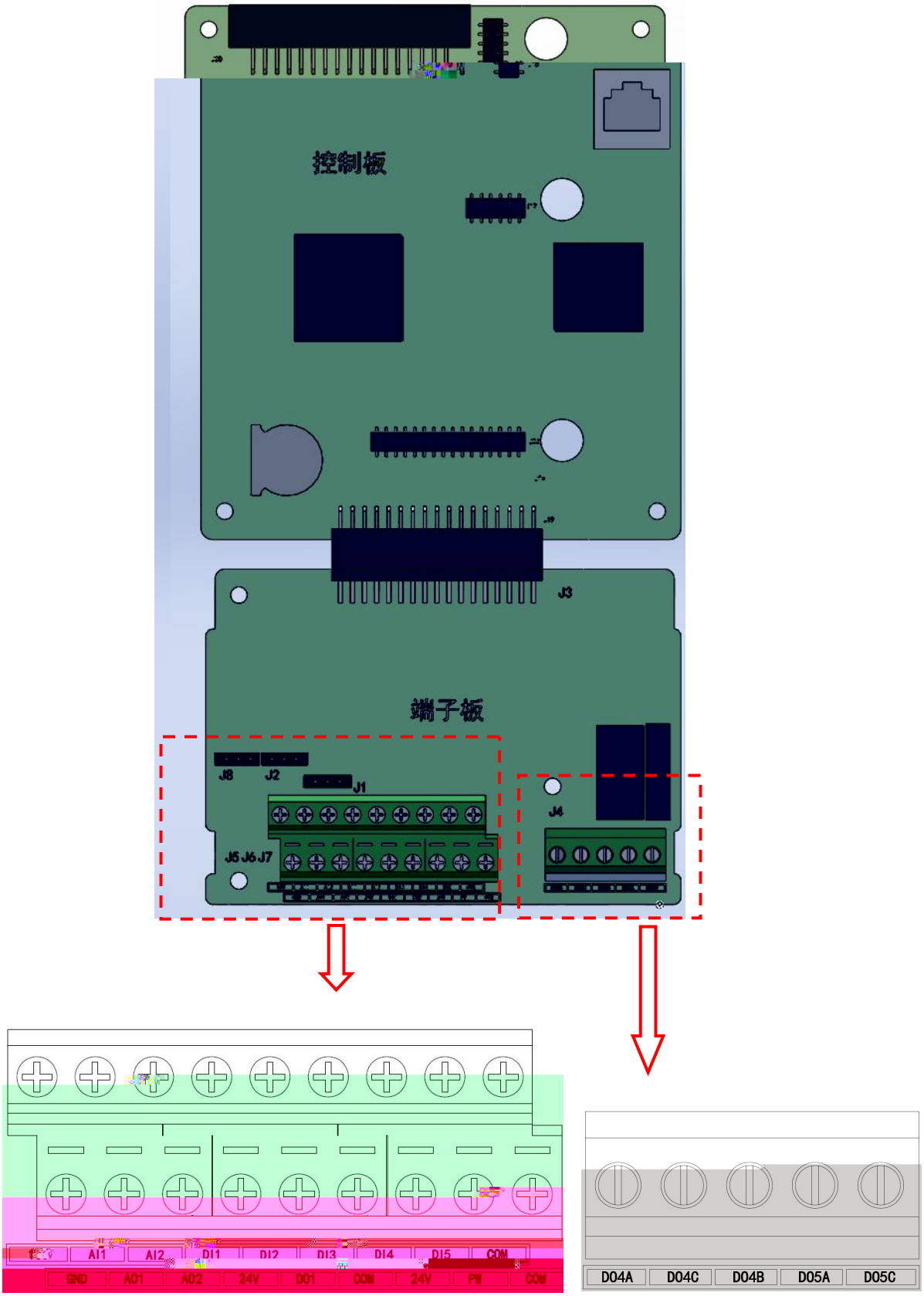

主回路端子
OUTLET1
OUTLET2

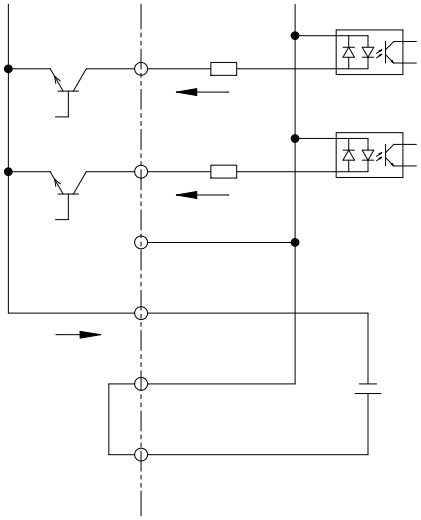

出水口2
出水口1
电源板
光纤并机板
驱动板
面盖
控制板
PG卡
键盘接口
并机通讯板
（可扩展）
端子板
进水口1
进水口2
风扇

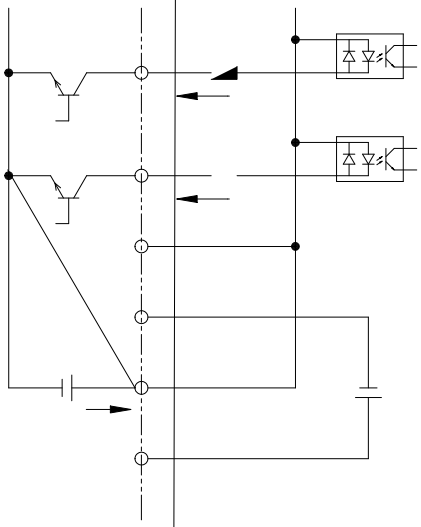
1

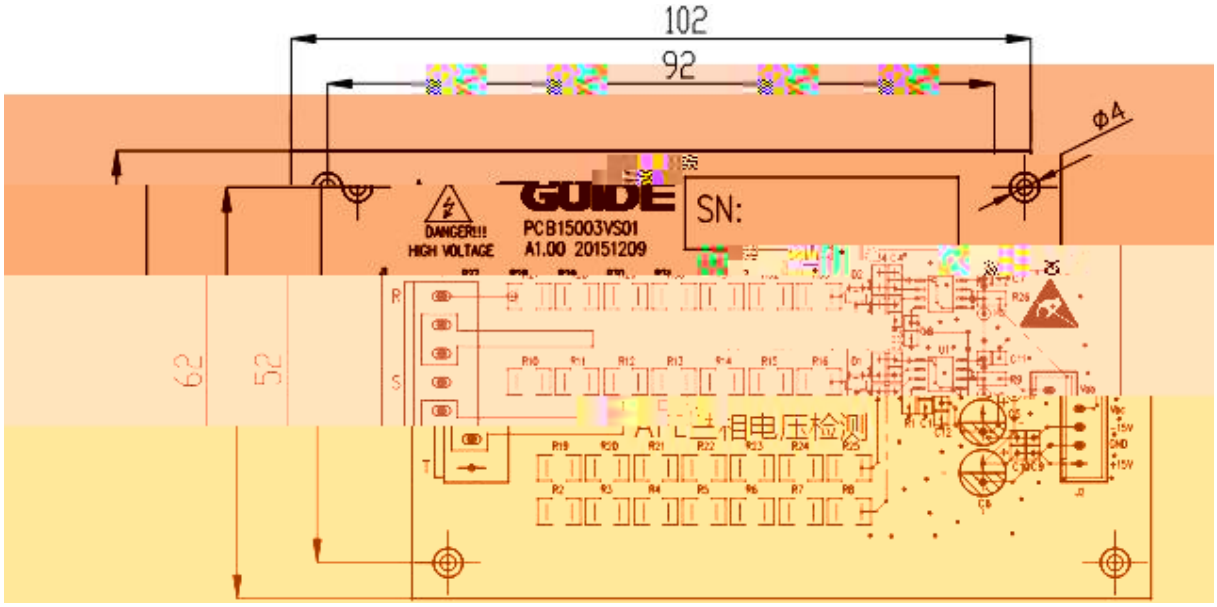
+	
-	

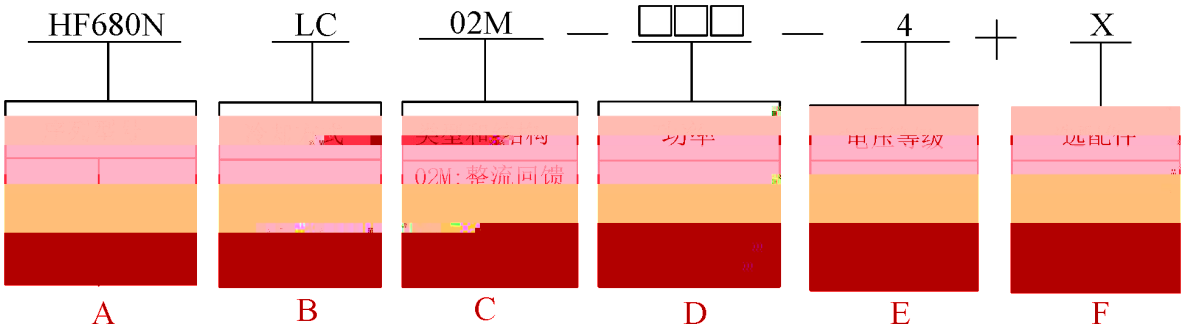



控制板
J3
端子板
J8
J2
J1
J4
J5 J6 J7
AI1
AI2
DI1
DI2
DI3
DI4
DI5
COM
GND
AO1
AO2
24V
DO1
COM
24V
PW
COM
DO4A
DO4C
DO4B
DO5A
DO5C



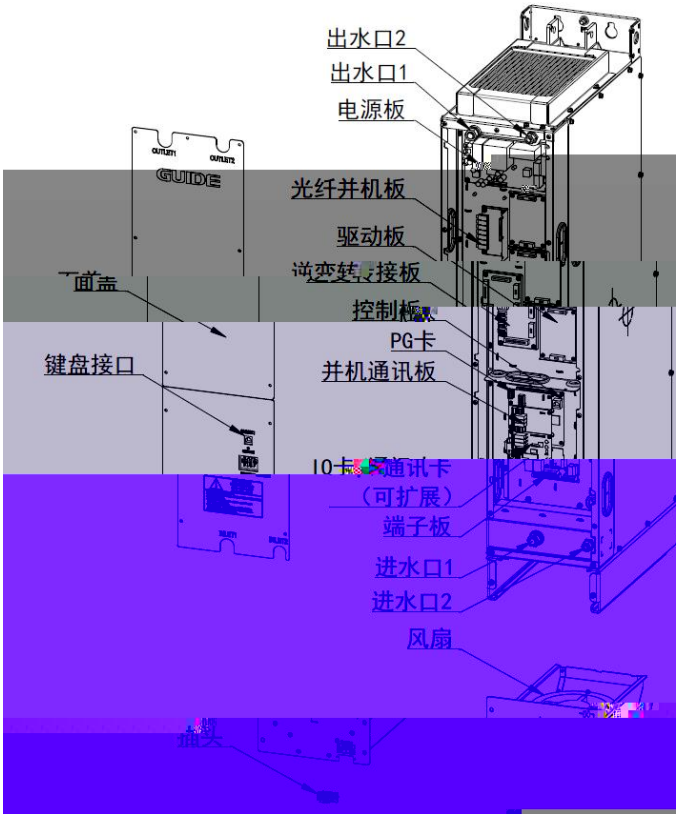


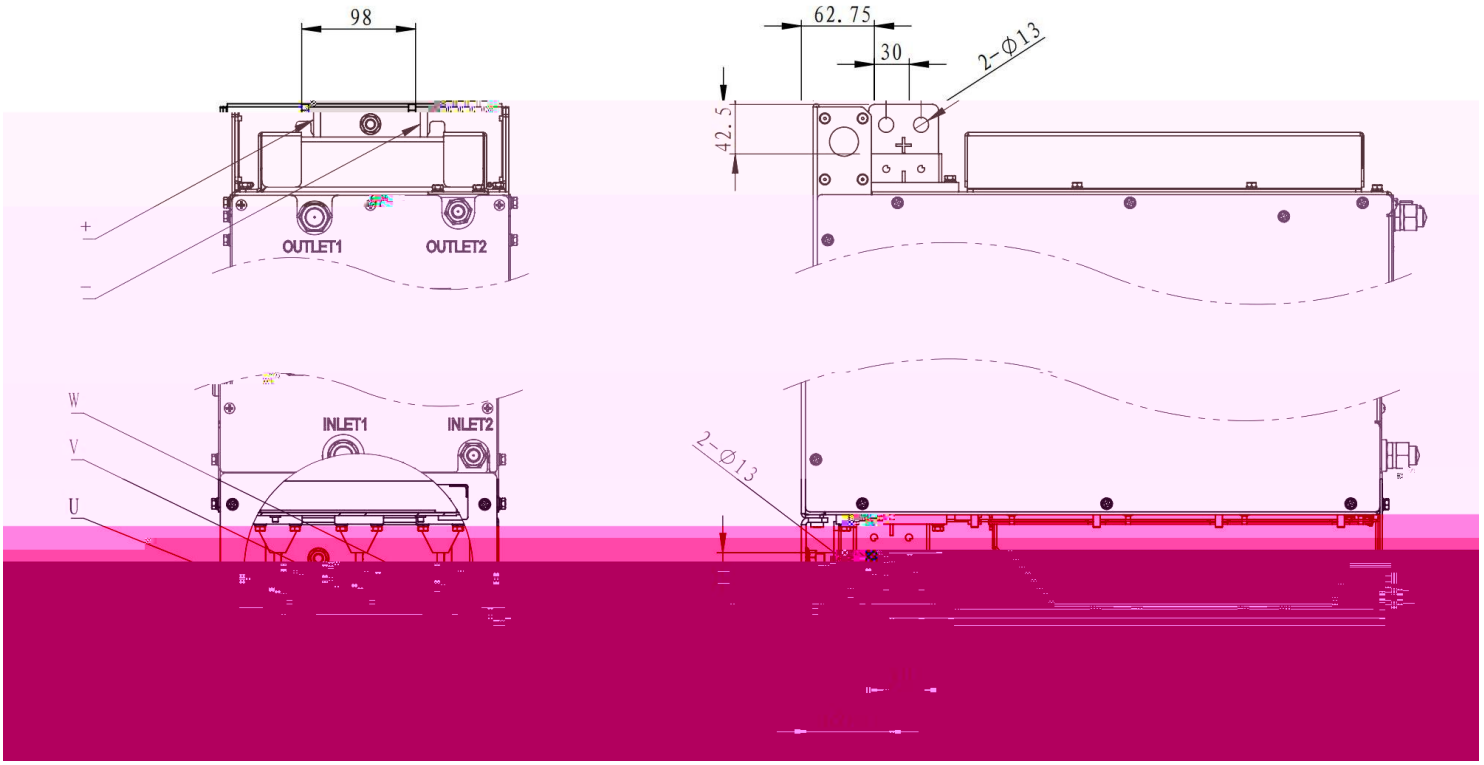

102
92
φ4
GUIDE
SN:
DANGER!!!
HIGH VOLTAGE
PCB15003VS01
A1.00 20151209
62
52
R
S
T
+15V
GND
-15V

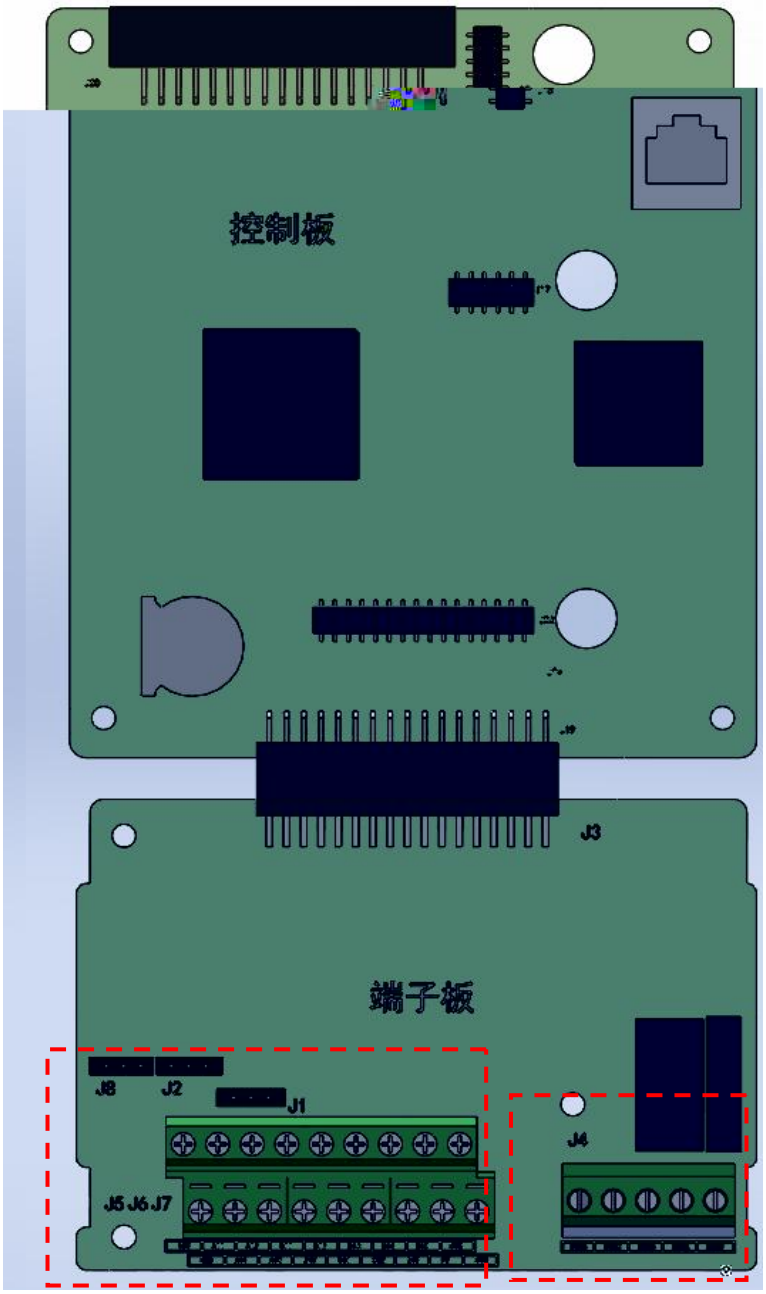

HF680N
LC
02M
□□□
4
X
02M：整流回馈
A
B
C
D
E
F

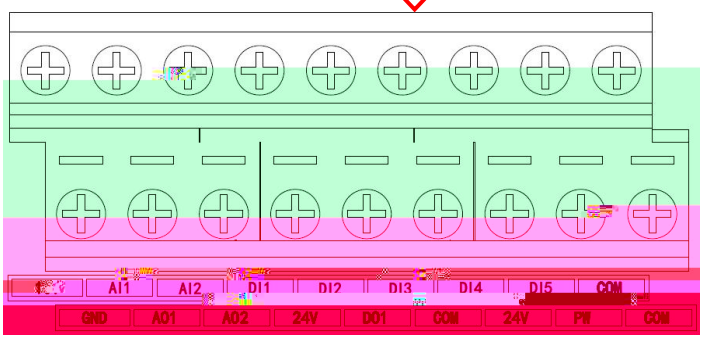
1

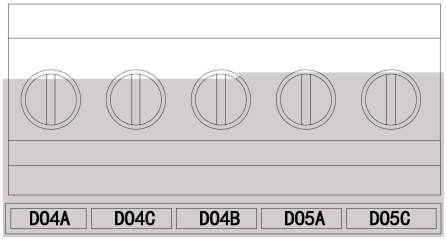
2

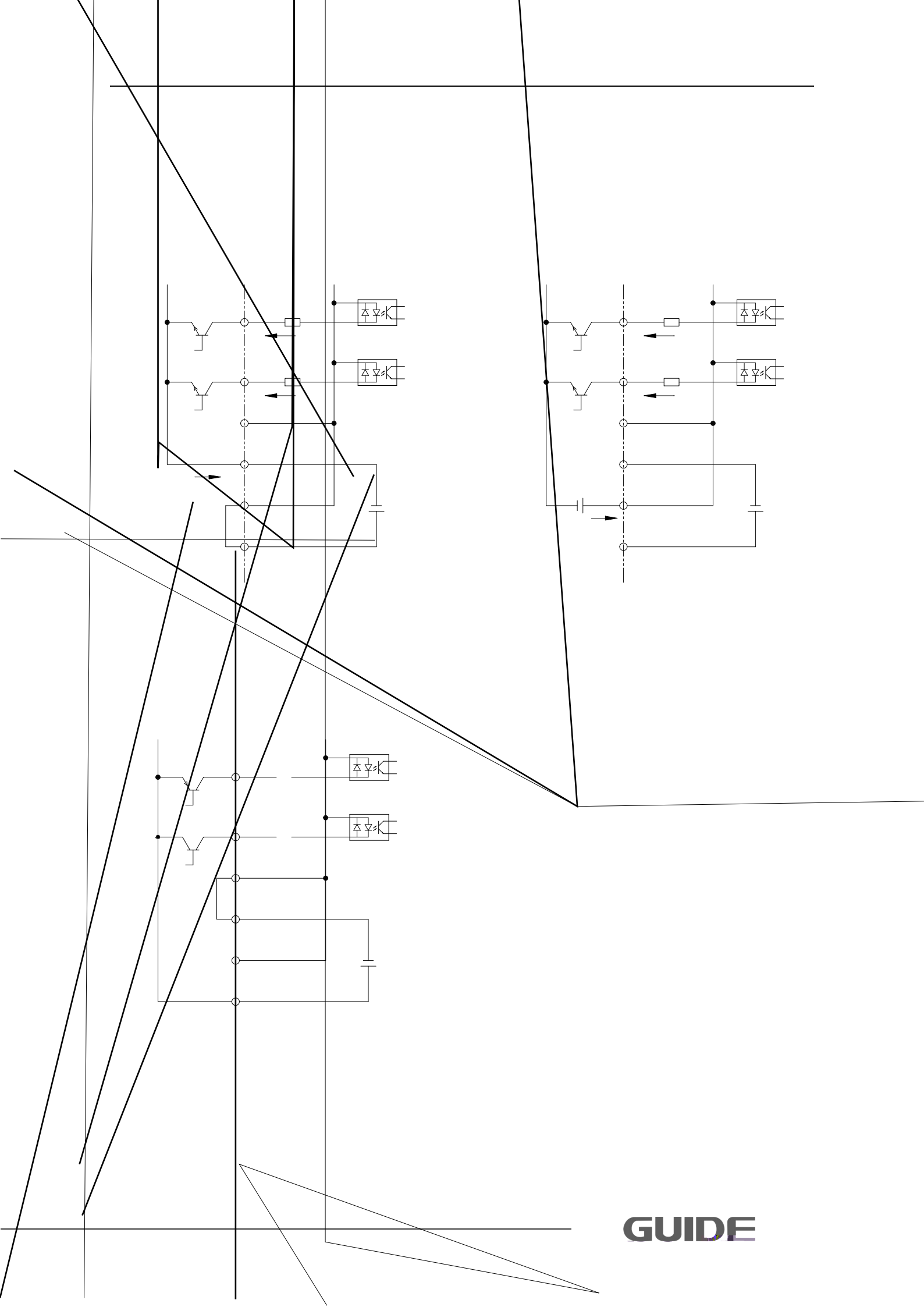

出水口2
出水口1
电源板
光纤并机板
驱动板
键盘接口
PG卡
并机通讯板
（可扩展）
端子板
进水口1
进水口2
风扇

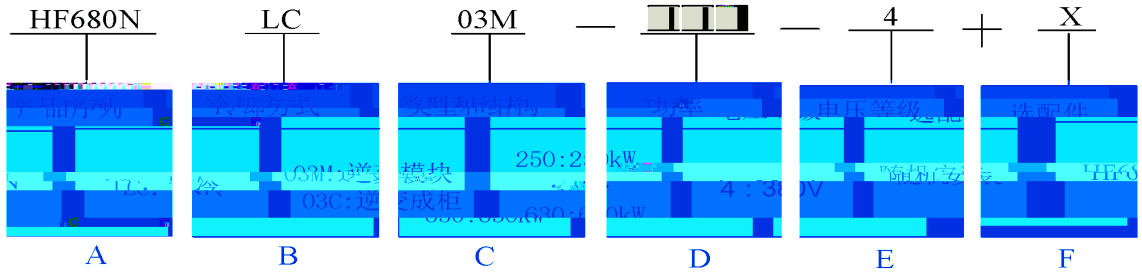

98
62.75
30
2-Φ13
42.5
+
−
OUTLET1
OUTLET2
W
V
U
INLET1
INLET2
2-Φ13

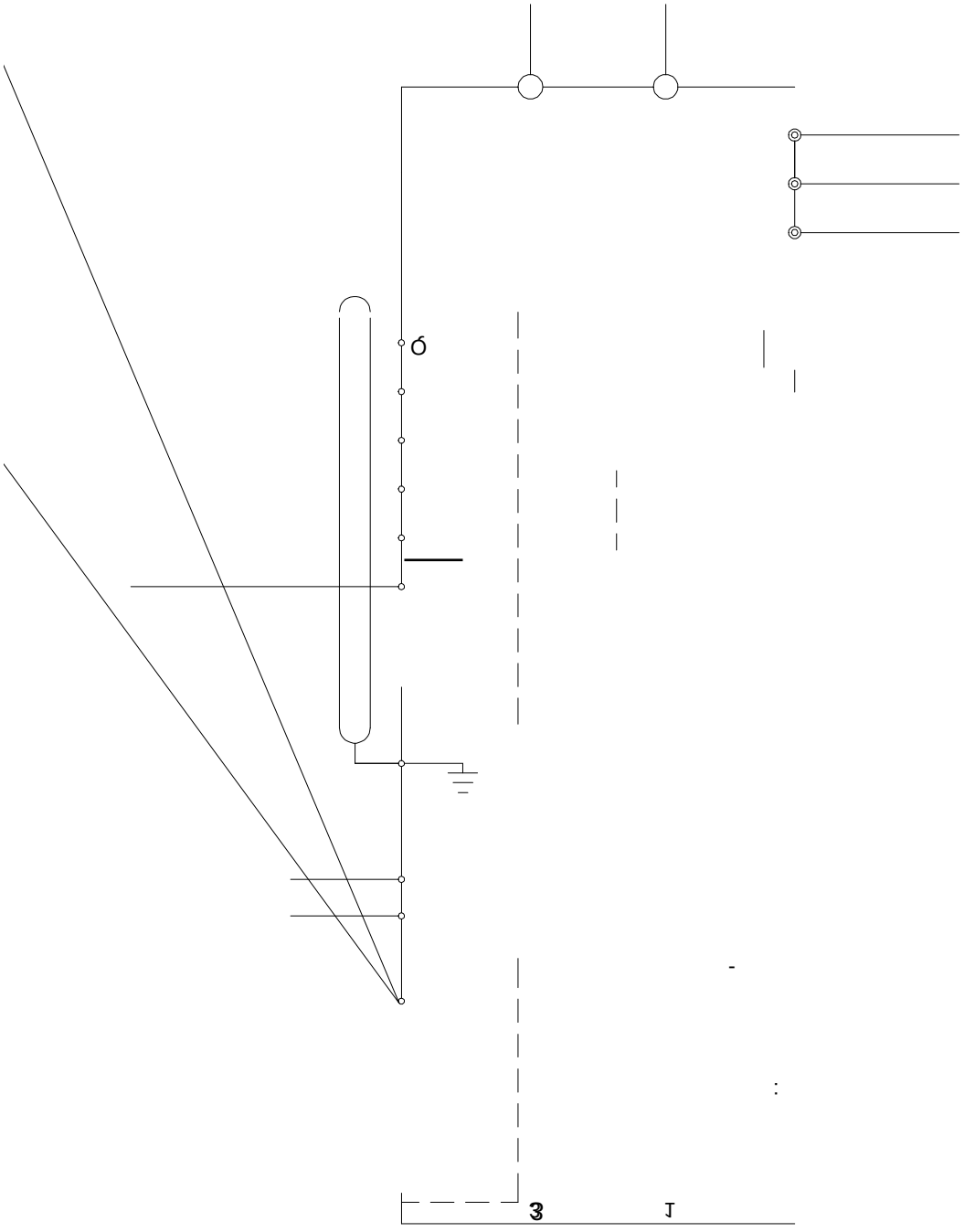

控制板
J3
端子板
J8
J2
J1
J4
J5 J6 J7

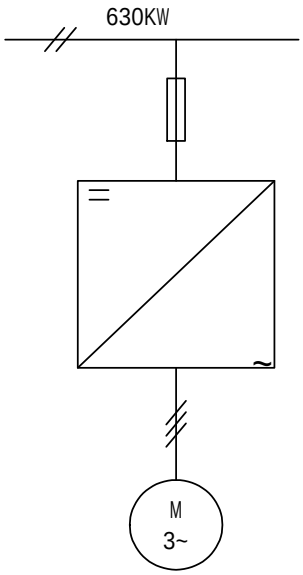

AI1
AI2
DI1
DI2
DI3
DI4
DI5
COM
GND
AO1
AO2
24V
DO1
COM
24V
PW
COM

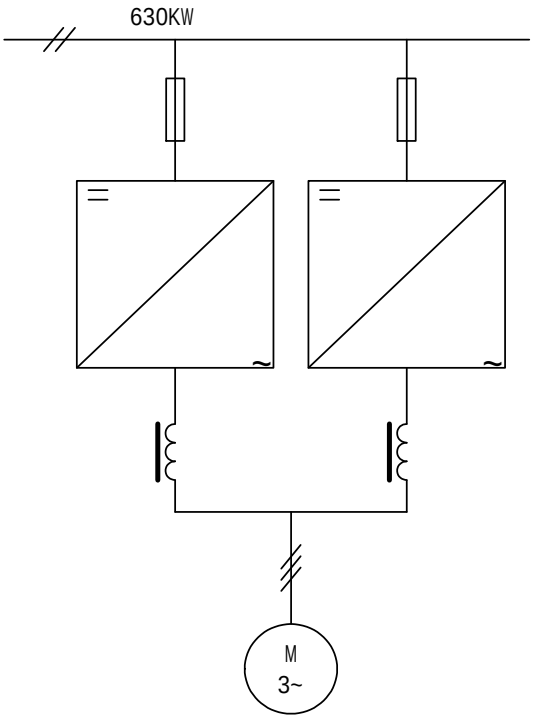

DO4A
DO4C
DO4B
DO5A
DO5C

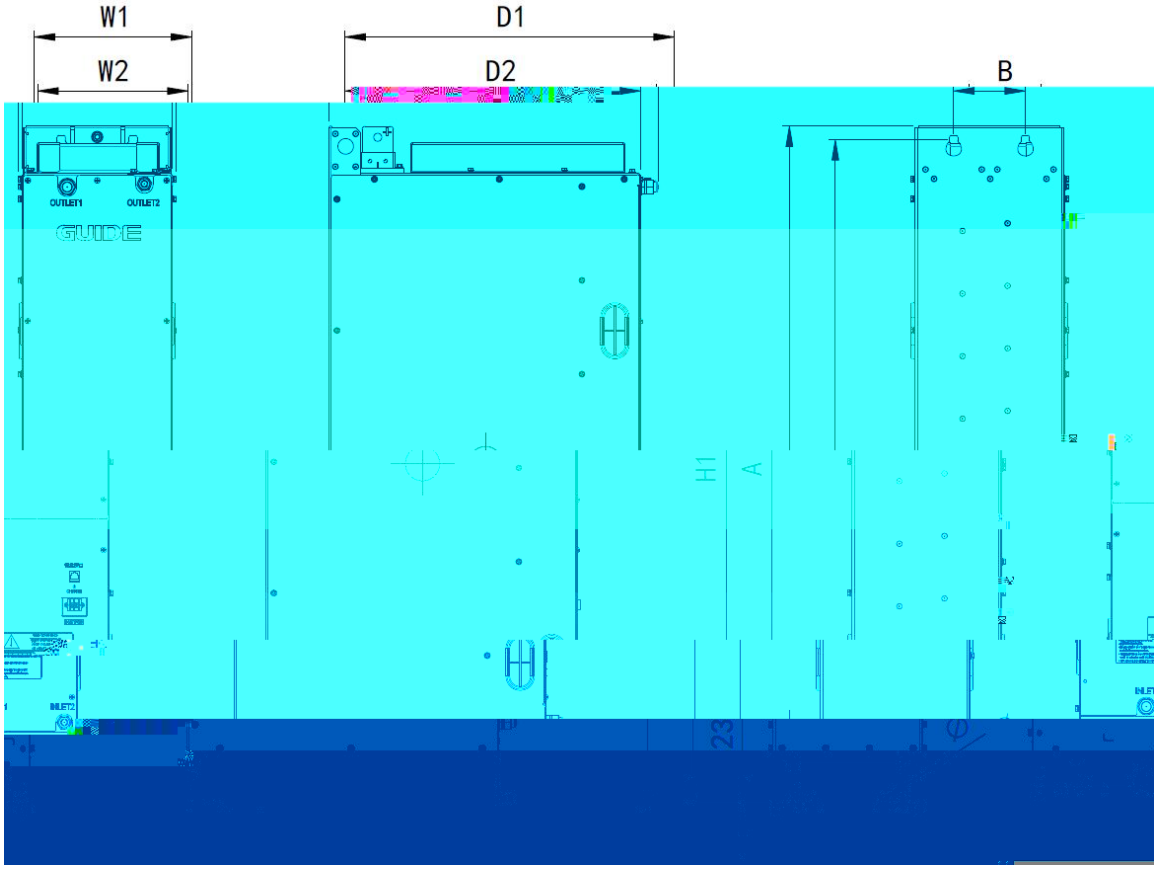


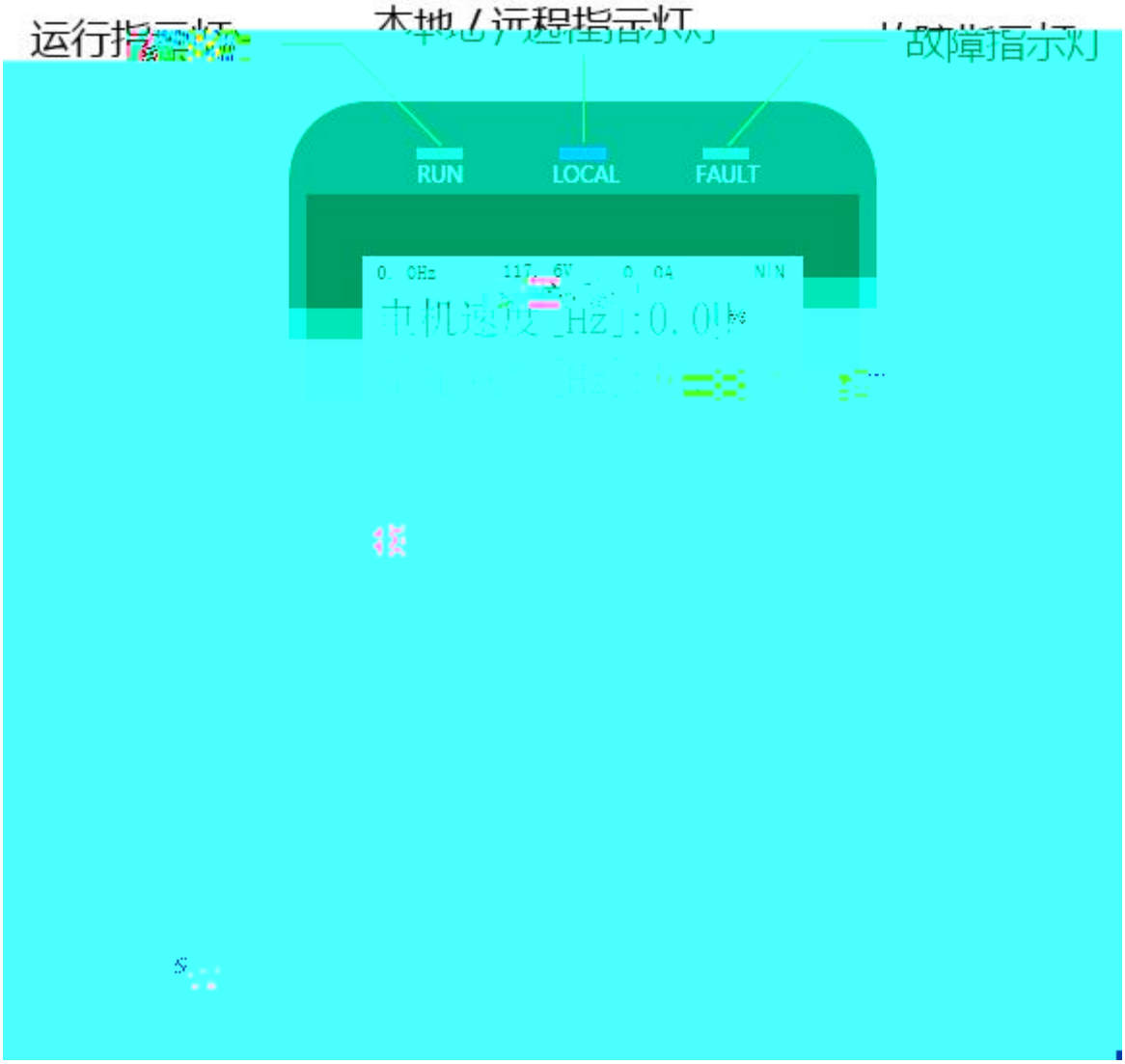

HF680N
LC
03M
—
—
4
+
X
A
B
C
D
E
F




630KW
M
3~

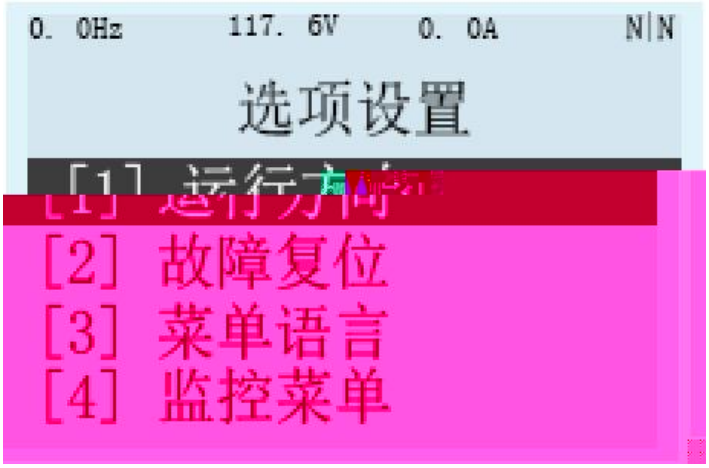

630KW
M
3~

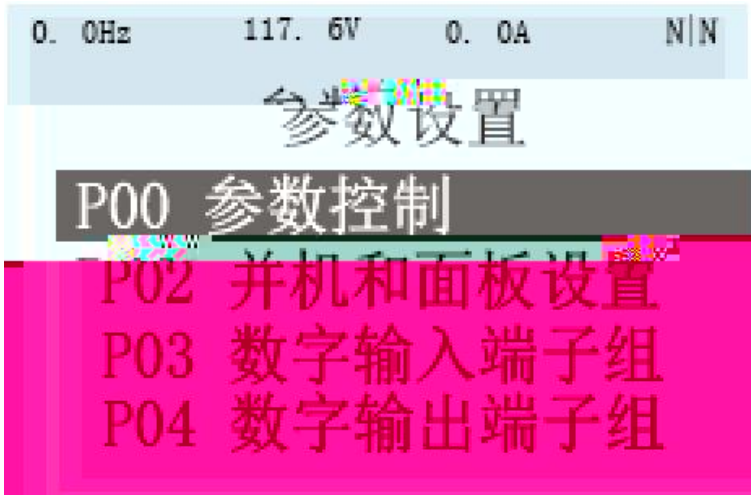

W1
W2
D1
D2
B
OUTLET1
OUTLET2
GUIDE
H1
A


运行指示灯
故障指示灯
RUN
LOCAL
FAULT

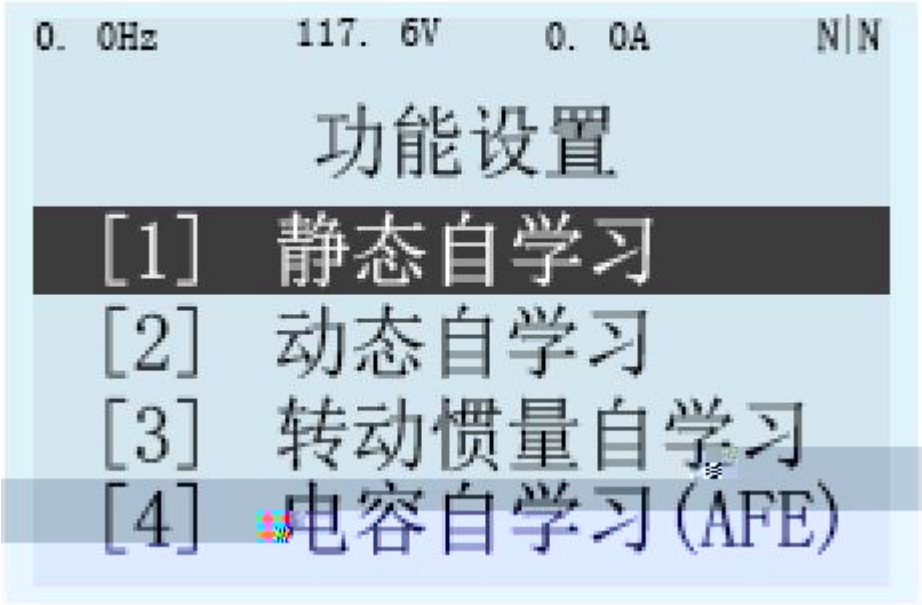
0. 0Hz
117. 6V
0. 0A
N|N
电机速度[Hz]:0.0Hz
给定频率[Hz]:10.0Hz
母线电压 :117.6V
电机电流 :0.0A

0. 0Hz
117. 6V
0. 0A
N|N
主 菜 单
[1] 选项设置
[2] 参数设置
[3] 设定参考值
[4] 功能设置

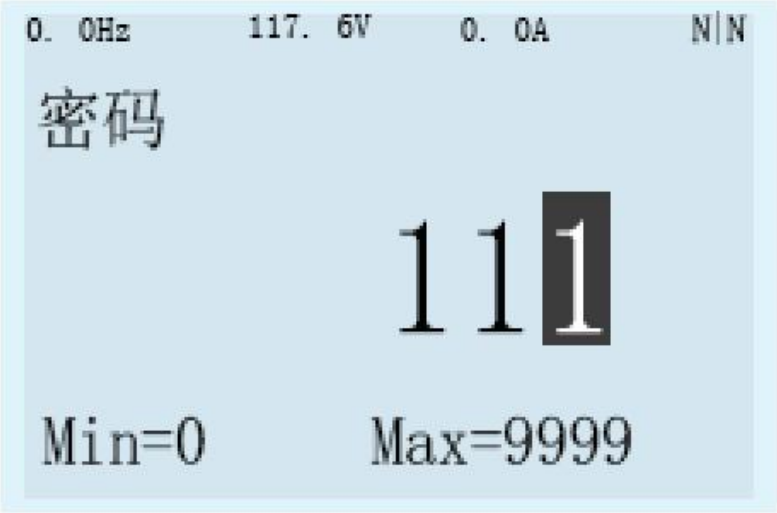

0. 0Hz
117. 6V
0. 0A
N|N
选项设置
[2] 故障复位
[3] 菜单语言
[4] 监控菜单

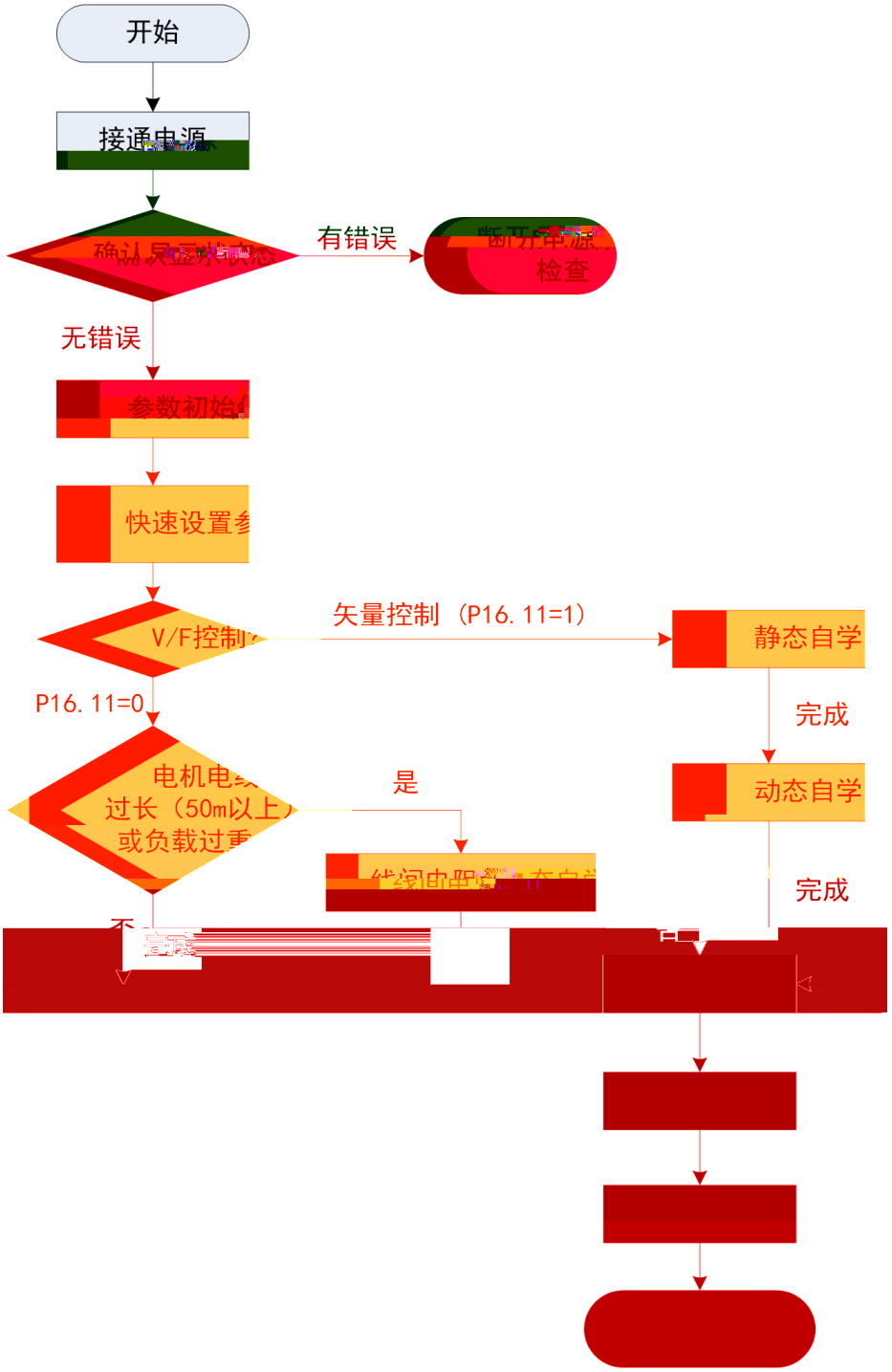

0. 0Hz 117. 6V 0. 0A N|N
参数设置
P00 参数控制
P02 并机和面板设置
P03 数字输入端子组
P04 数字输出端子组

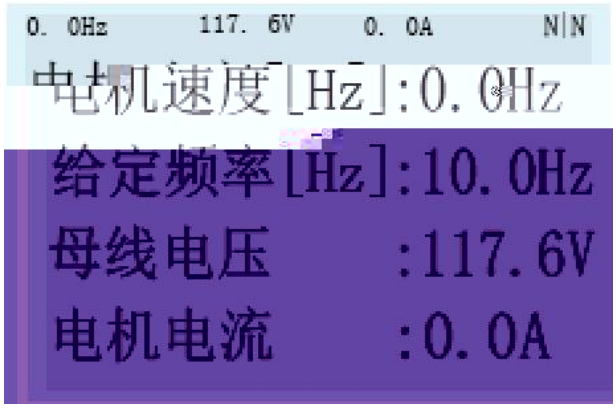
0. 0Hz 117. 6V 0. 0A N|N
设定参考值
[1] 给定速度 [Hz]
[2] 给定速度 [%]
[3] 转矩设定 [%]
[4] 转矩限制值设定


0. 0Hz
117. 6V
0. 0A
N|N
功能设置
[1] 静态自学习
[2] 动态自学习
[3] 转动惯量自学习
[4] 电容自学习(AFE)

0. 0Hz
117. 6V
0. 0A
N|N


0. 0Hz
117. 6V
0. 0A
N|N
密码
111
Min=0
Max=9999


开始
接通电源
有错误
检查
无错误
参数初始
快速设置
V/F控制
矢量控制（P16.11=1）
静态自学
完成
P16.11=0
过长（50m以上）
或负载过重
是
动态自学
完成


0. 0Hz
117. 6V
0. 0A
N|N
电机速度[Hz]:0.0Hz
给定频率[Hz]:10.0Hz
母线电压 :117.6V
电机电流 :0.0A

YSO t

GUID

pá4!€

GUIDE

	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	

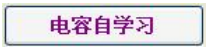
参数	名称	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
101.5	数字量输入端子 [01 ~ 16]																
101.6	数字量输出端子 [01 ~ 16]																

运行

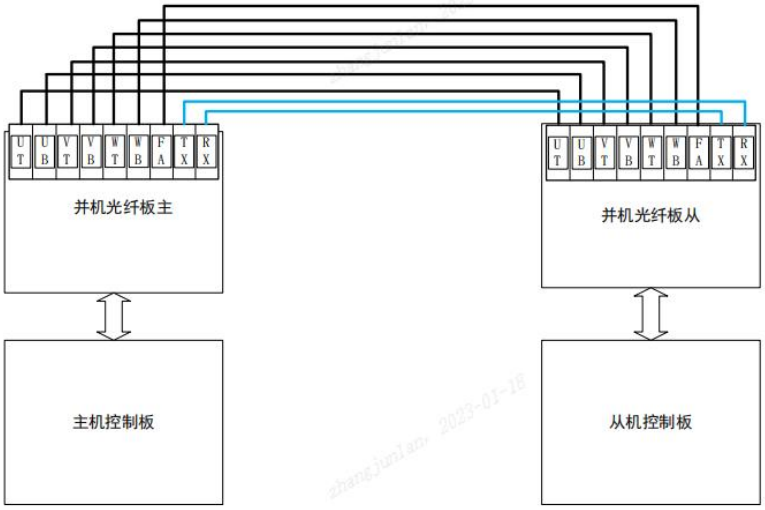
停止

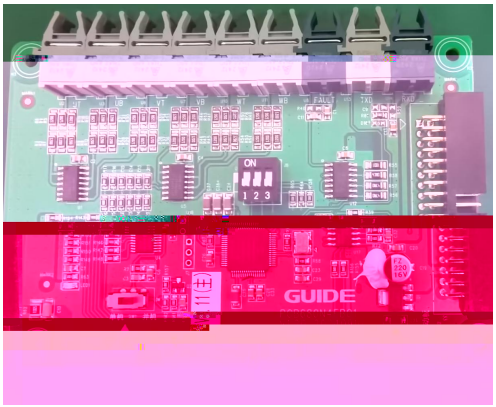
运行

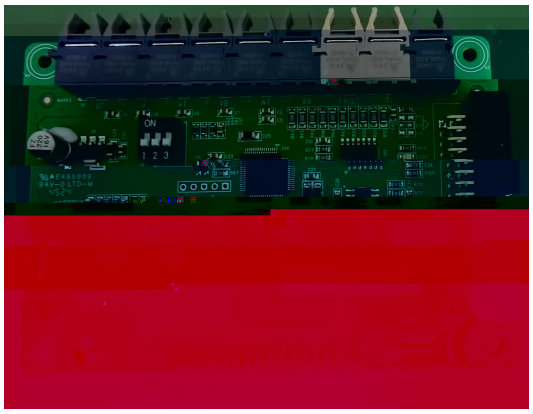
停止


电容自学习

停止

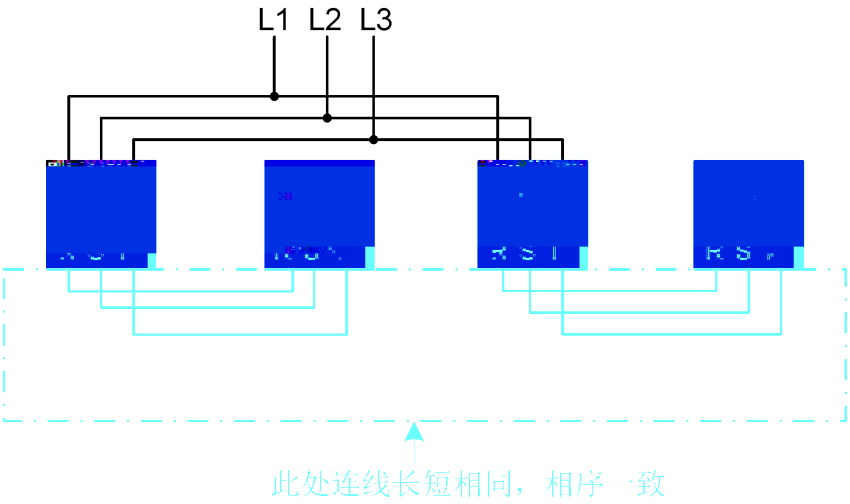






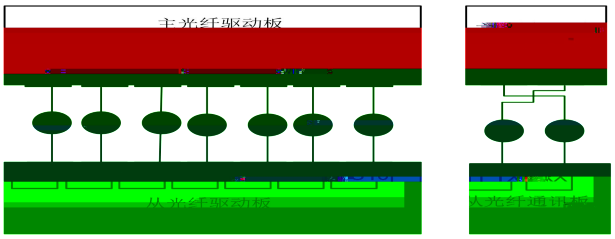
£ ¯4kÒ È #4Ô¯ k õ.1

,´.1} 52l



	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	

参数	名称	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
101.5	数字量输入端子 [01 ~ 16]																
101.6	数字量输出端子 [01 ~ 16]																



运行

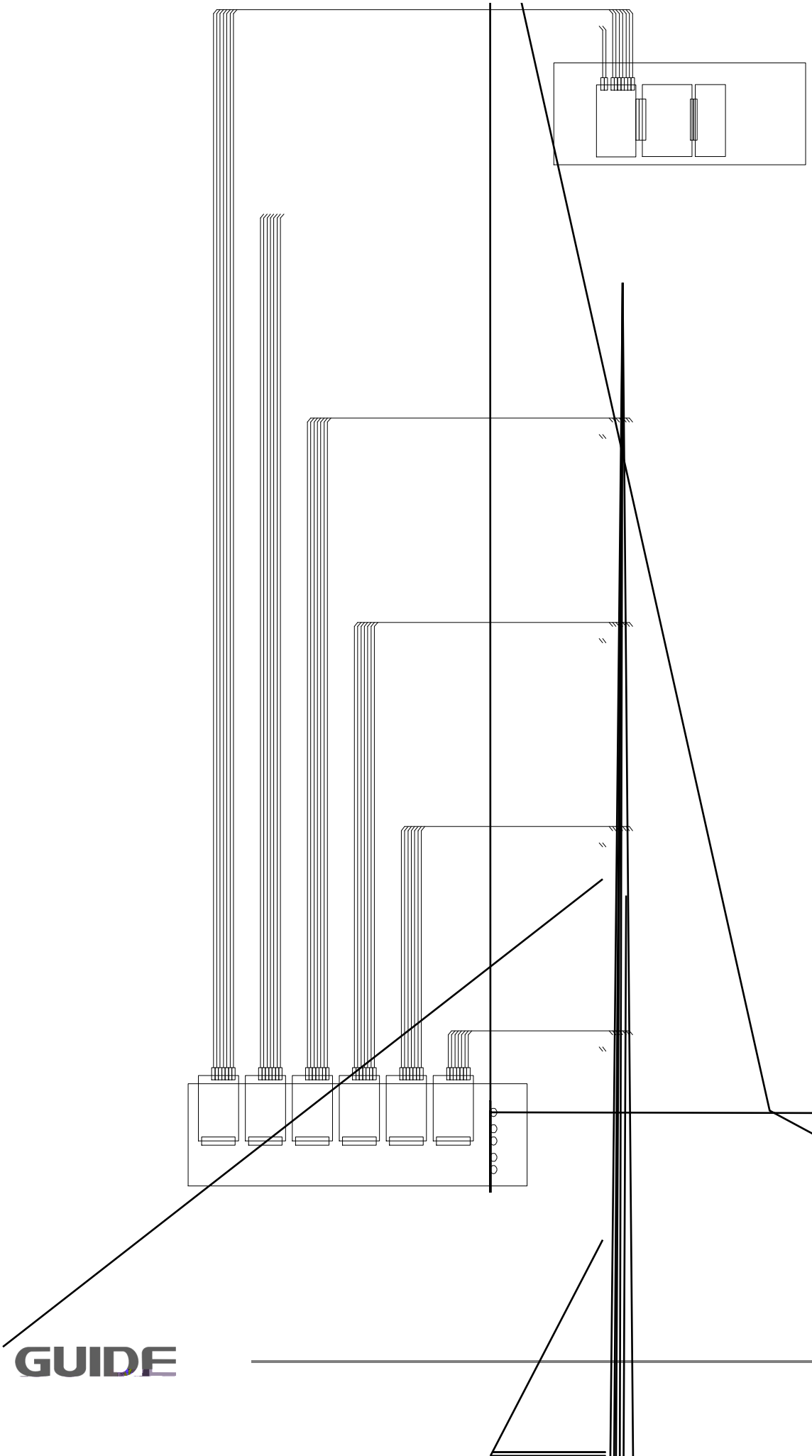
停止

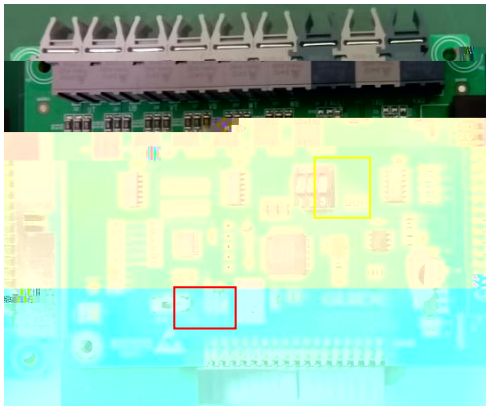
运行

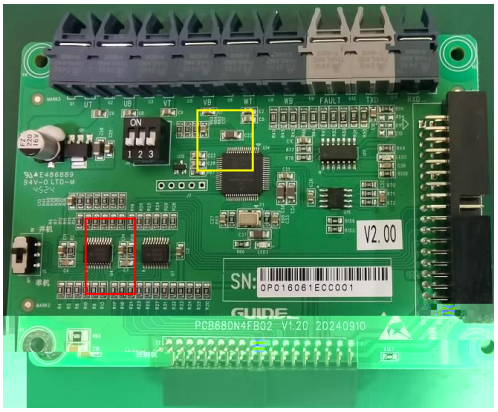
停止

电容自学习

停止

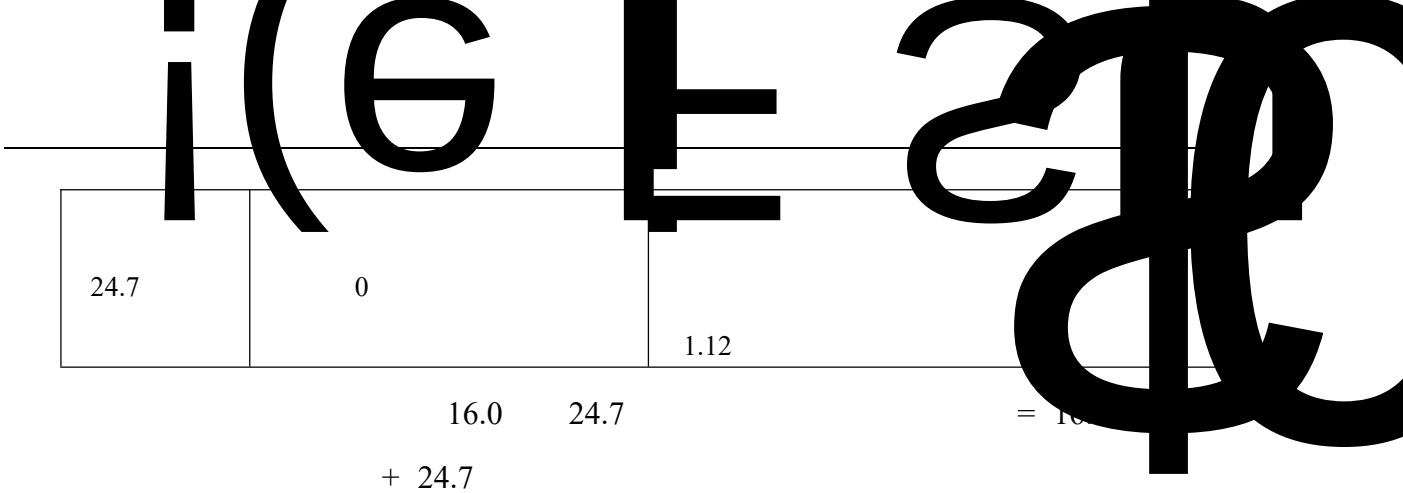





ON
1 2 3
V2.00
SN:
0P016061ECC001
GUIDE
PCB680N4FB02 V1.20 20240910

参数	名称	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
101.5	数字量输入端子 [01 ~ 16]																
101.6	数字量输出端子 [01 ~ 16]																

2.0	1	
2.3	2 3 4 5	2 2
3.0	1	
3.1	20	
3.2	14	
3.3	5	



24.7	0	1.12

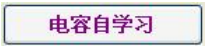
16.0 24.7 =

+ 24.7

620 16.0 380 24.7 20

620

/



24.28

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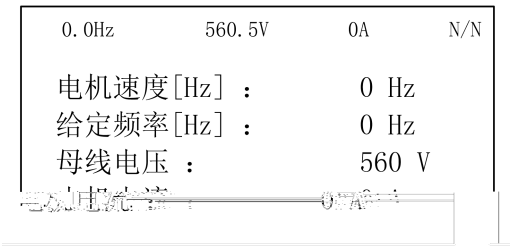
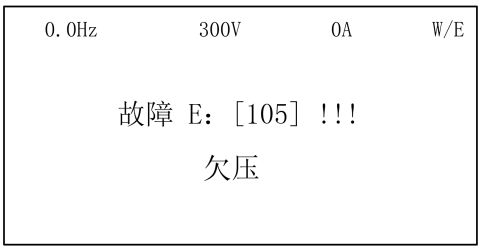
8.2

开始
接通电源
确认显示状态
有错误
断开电源
检查
无错误
参数初始化
设定P8、P16组
V/F控制?
矢量控制（P16. 11=1）
静态自学
完成
P16. 11=0
过长（50m以上）
是
动态自学
完成
完成
否
设定
空载
带负载

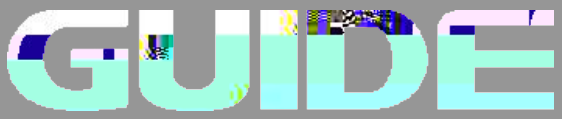

0.0Hz 560.5V 0A N/N
电机速度[Hz]： 0 Hz
给定频率[Hz]： 0 Hz
母线电压 ： 560 V


0.0Hz 300V 0A W/E
故障 E：[105] !!!
欠压

680

400 250-630

1.00



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