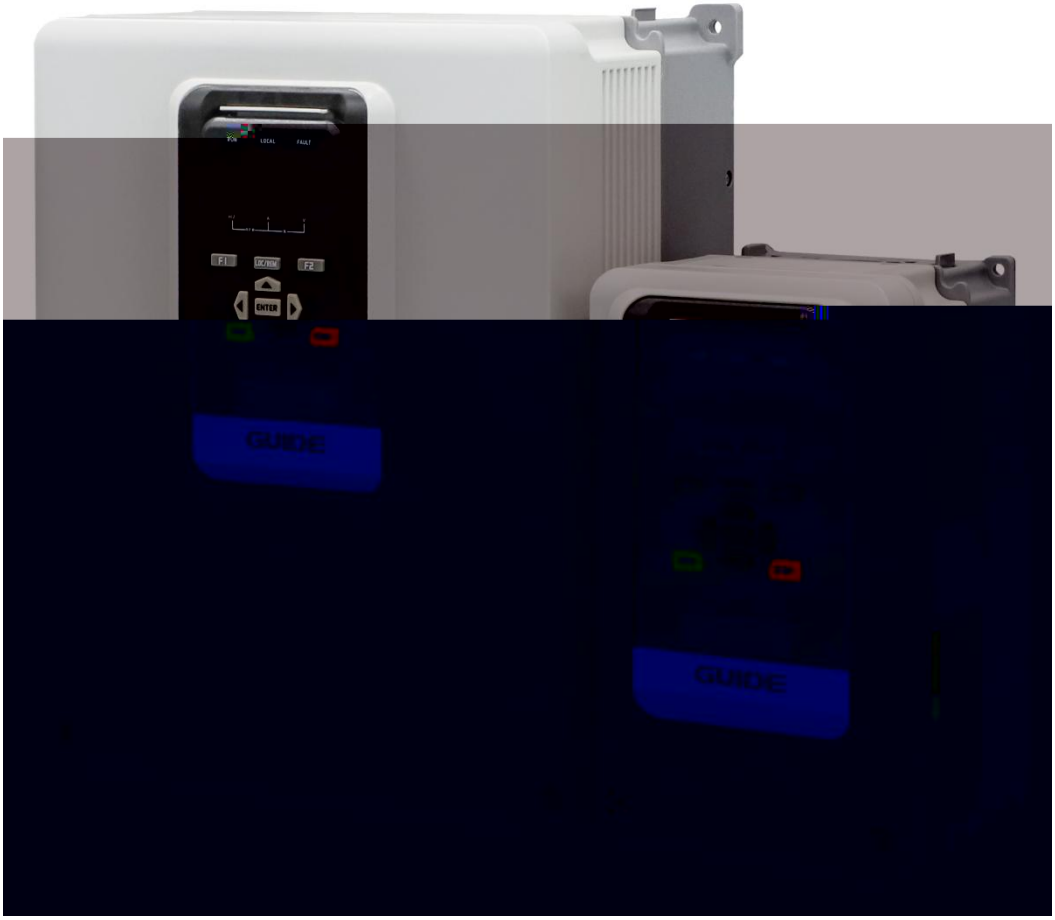
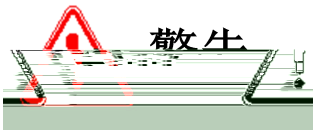
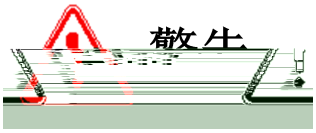
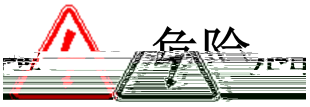
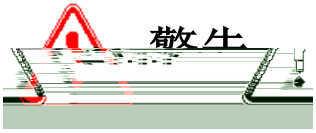
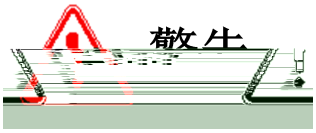
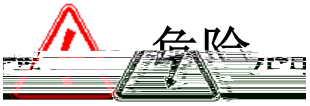
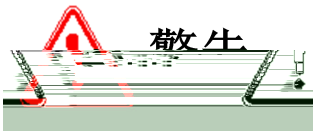
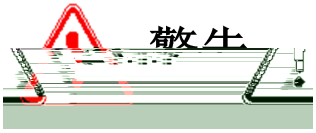
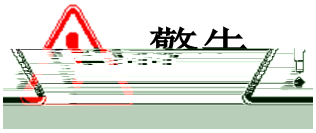

ON
LOCAL
FAULT
F1
UK/RIN
F2
ENTER
GUIDE
GUIDE

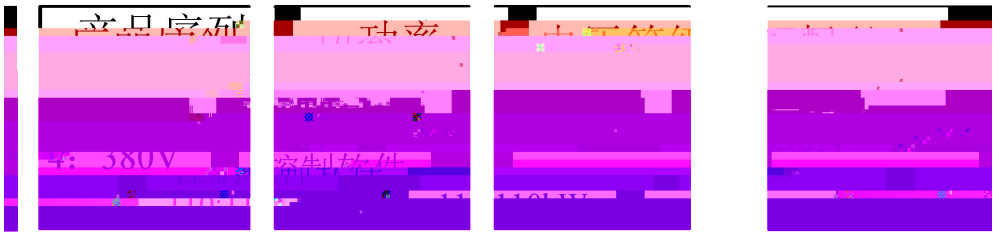
危险	
注意	
警告	

危险
警告
注意
警告

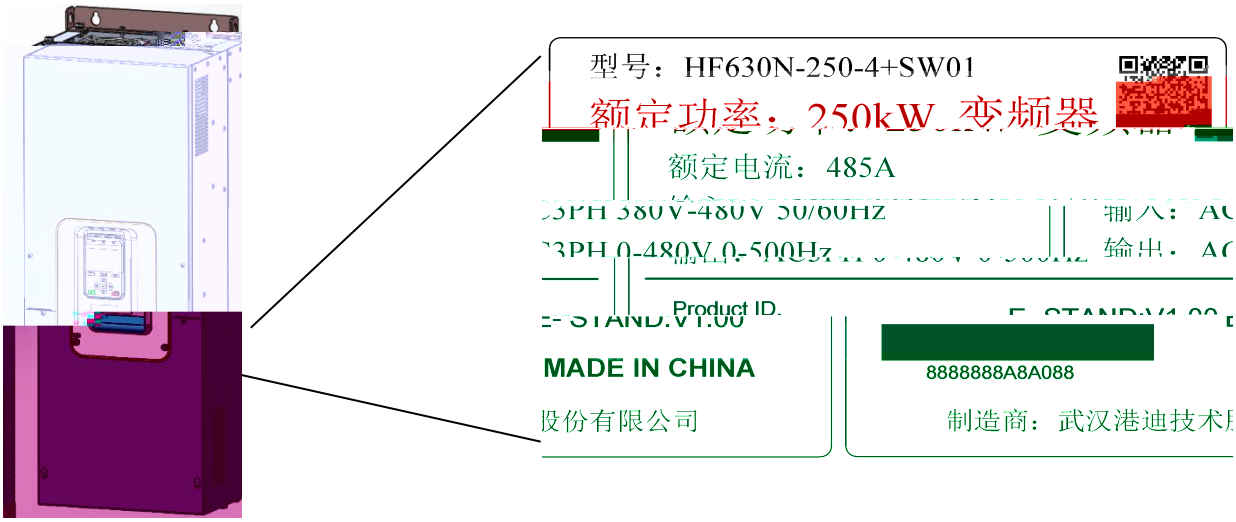





C D E A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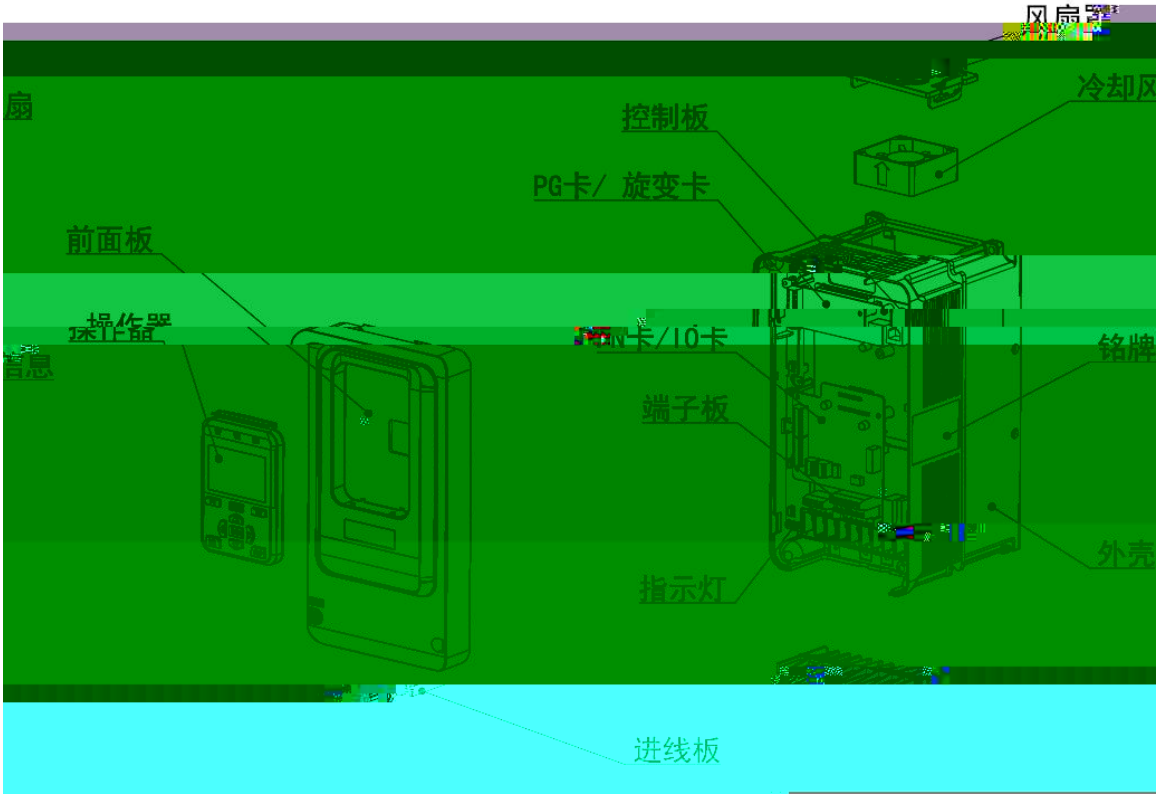
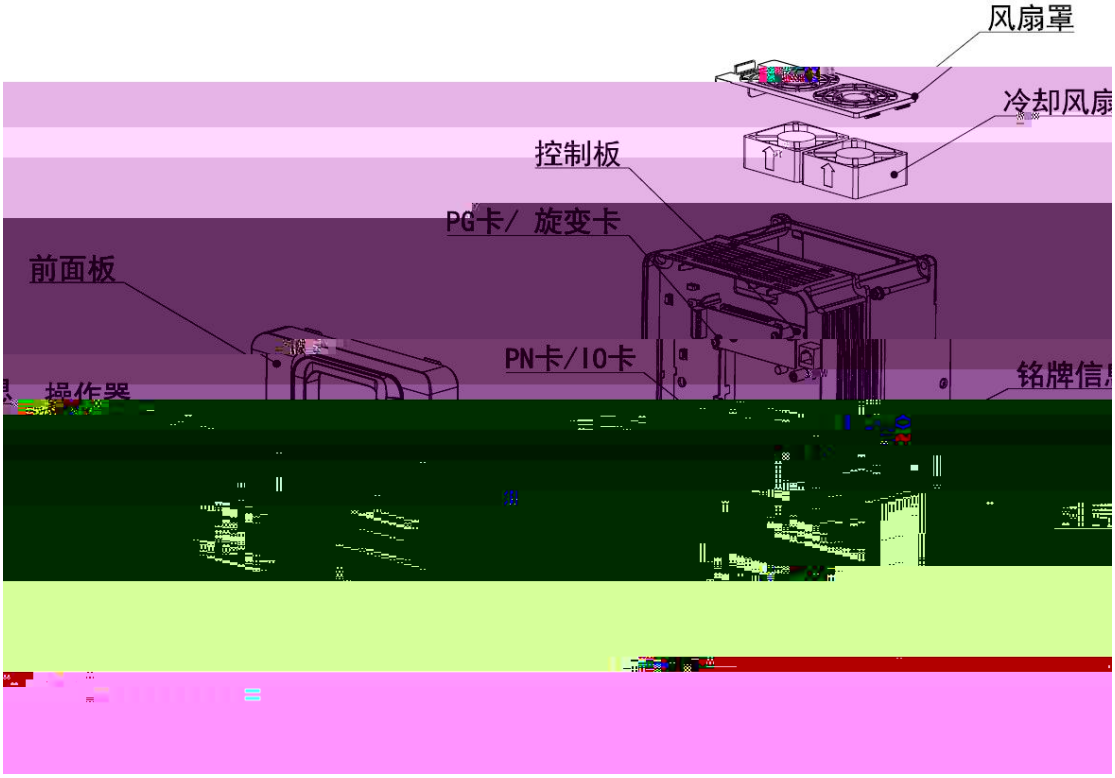
额定功率：250kW 变频器
额定电流：485A
Product ID.
MADE IN CHINA
8888888A8A088
制造商：武汉港迪技术


风扇罩
冷却风
控制板
PG卡/ 旋变卡
前面板
操作器
铭牌
端子板
外壳
指示灯
进线板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PG卡/ 旋变卡
前面板
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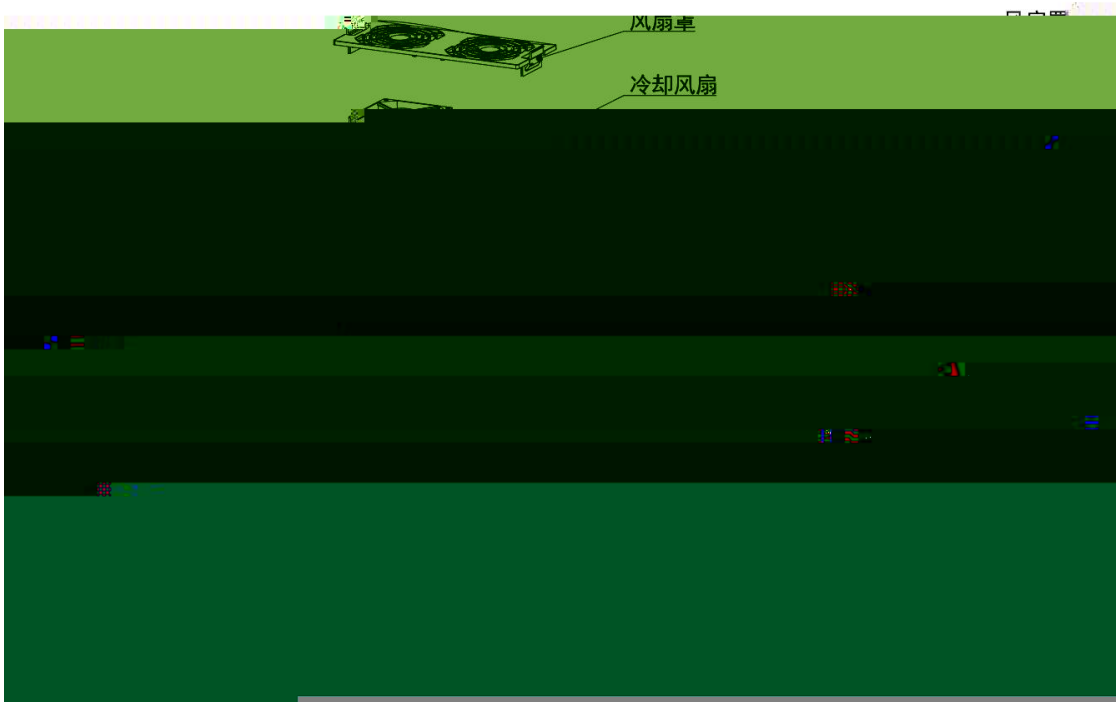
铭牌信


风扇罩
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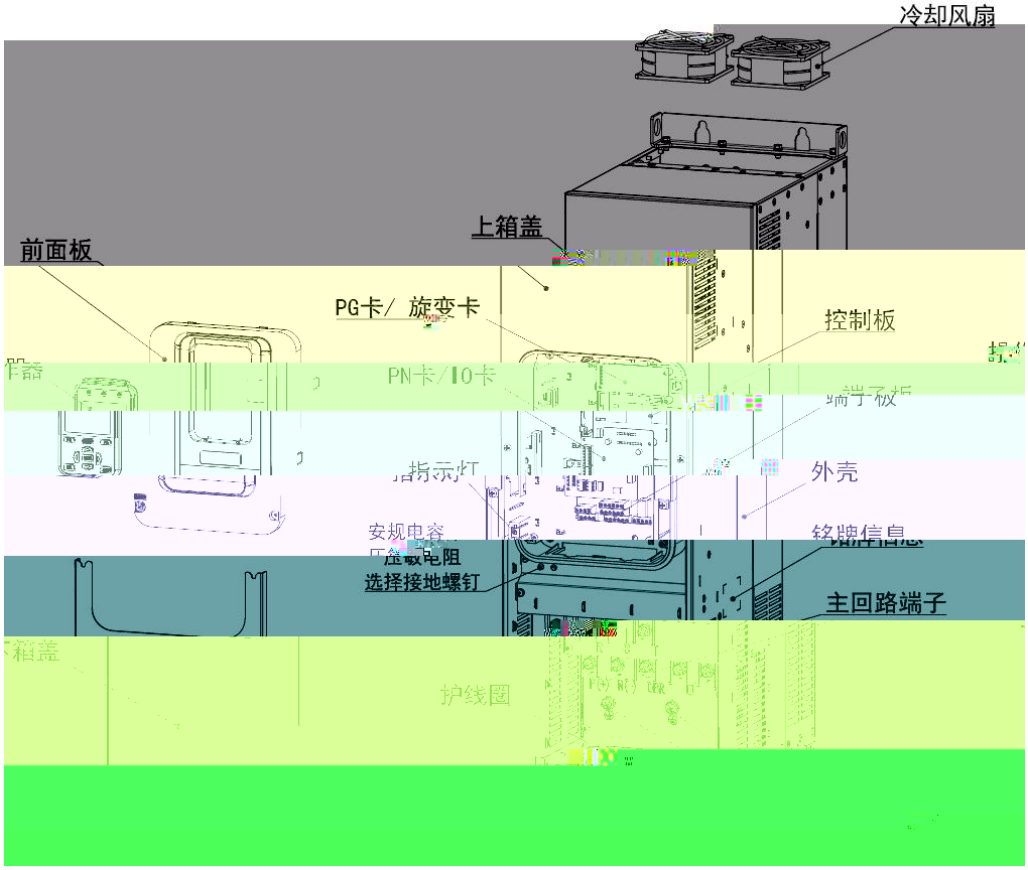
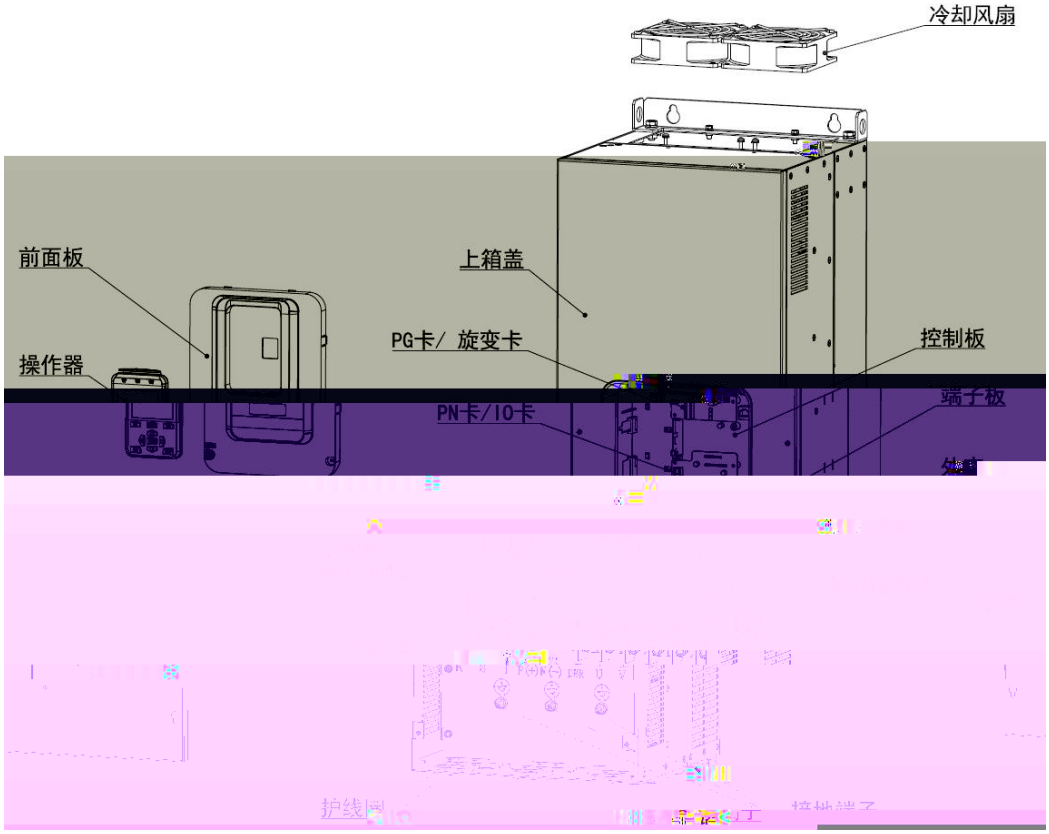

冷却风扇
上箱盖
前面板
PG卡/ 旋变卡
控制板
PN卡/IO卡
端子板
外壳
安规电容
铭牌信息
选择接地螺钉
主回路端子
护线圈


冷却风扇
前面板
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PG卡/ 旋变卡
控制板
操作器
PN卡/IO卡
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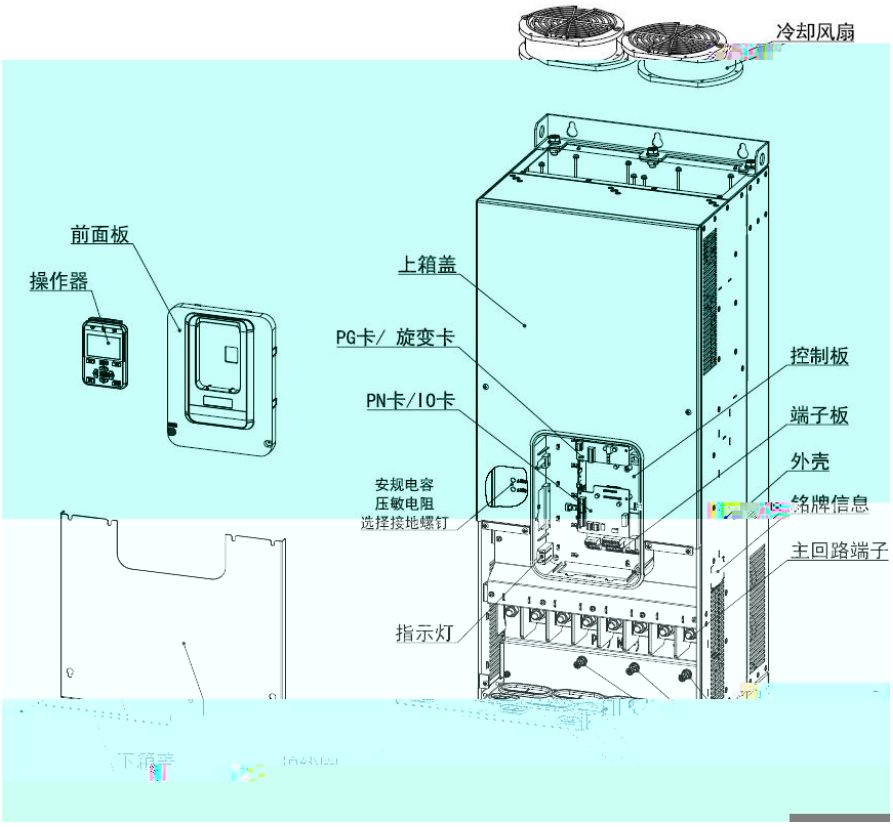
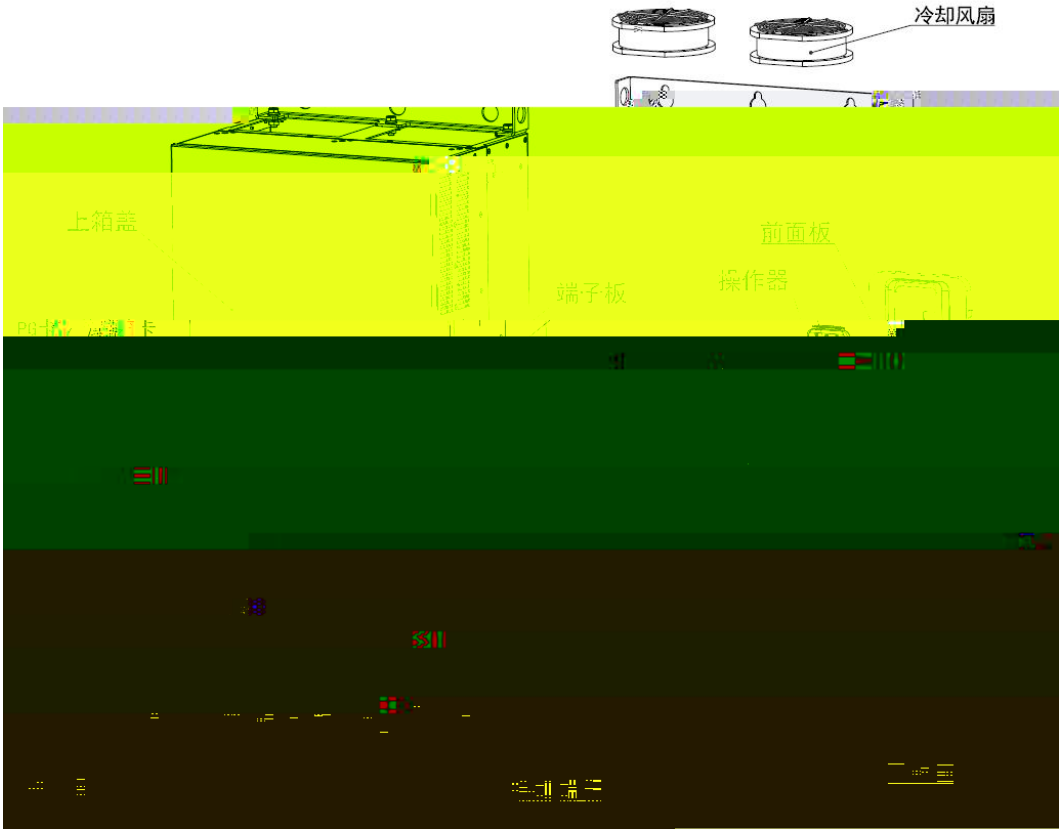

冷却风扇
前面板
操作器
上箱盖
PG卡/ 旋变卡
PN卡/IO卡
安规电容
压敏电阻
选择接地螺钉
指示灯
控制板
端子板
外壳
铭牌信息
主回路端子
下箱盖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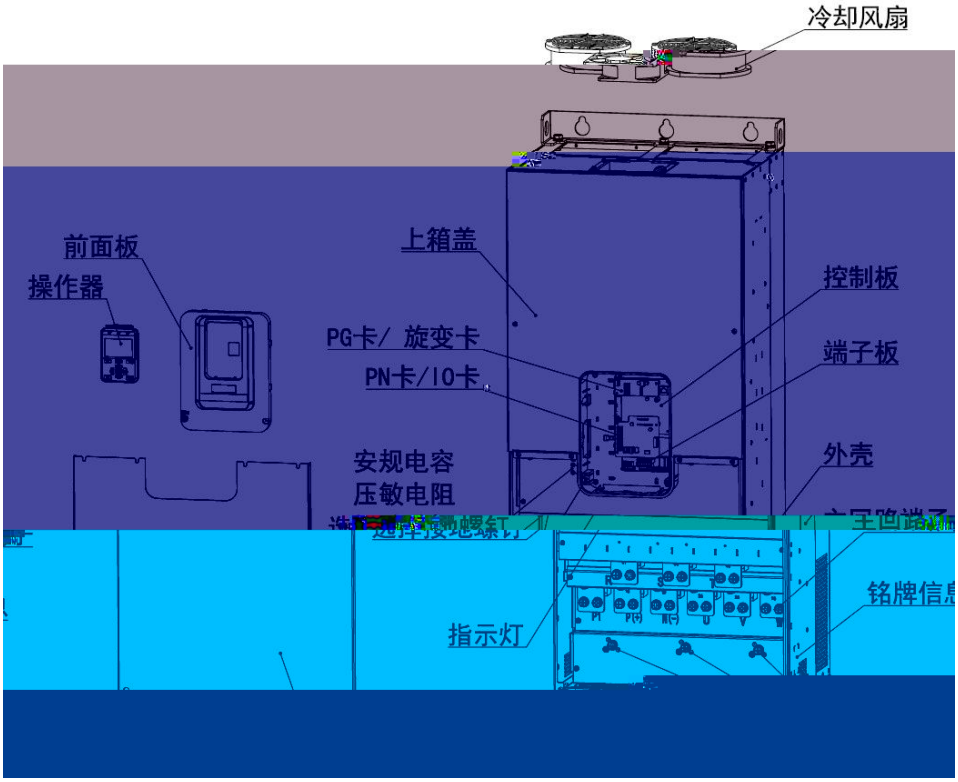
上箱盖
前面板
操作器
端子板


冷却风扇
前面板
操作器
上箱盖
控制板
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PN卡/IO卡
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压敏电阻
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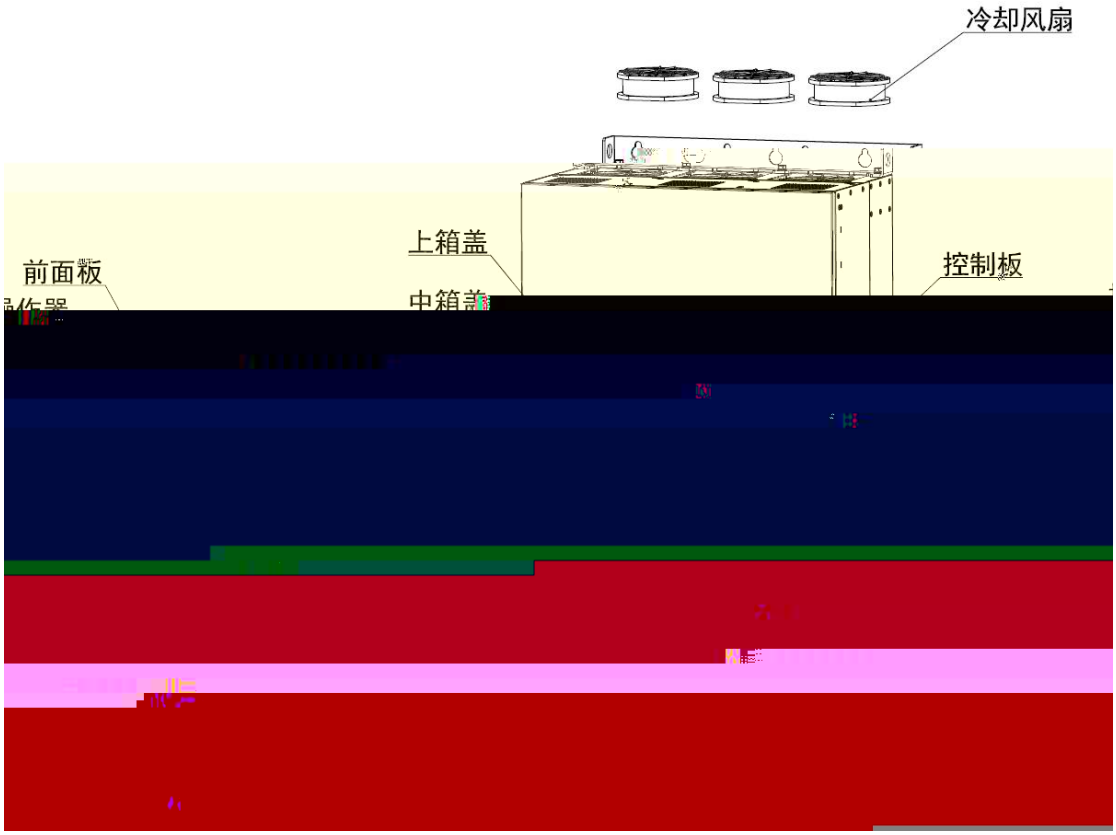
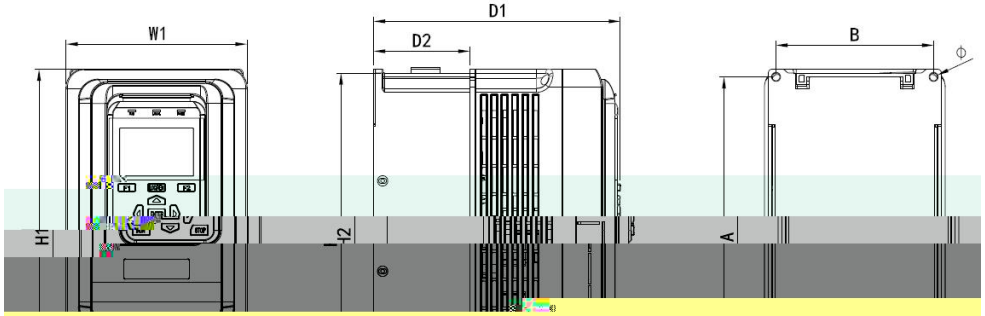
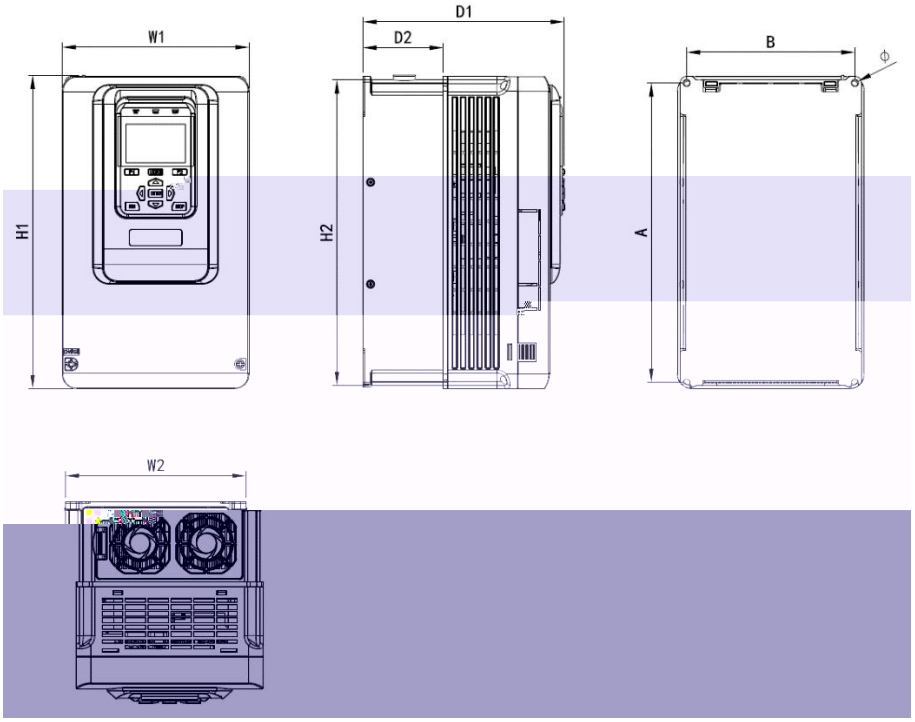
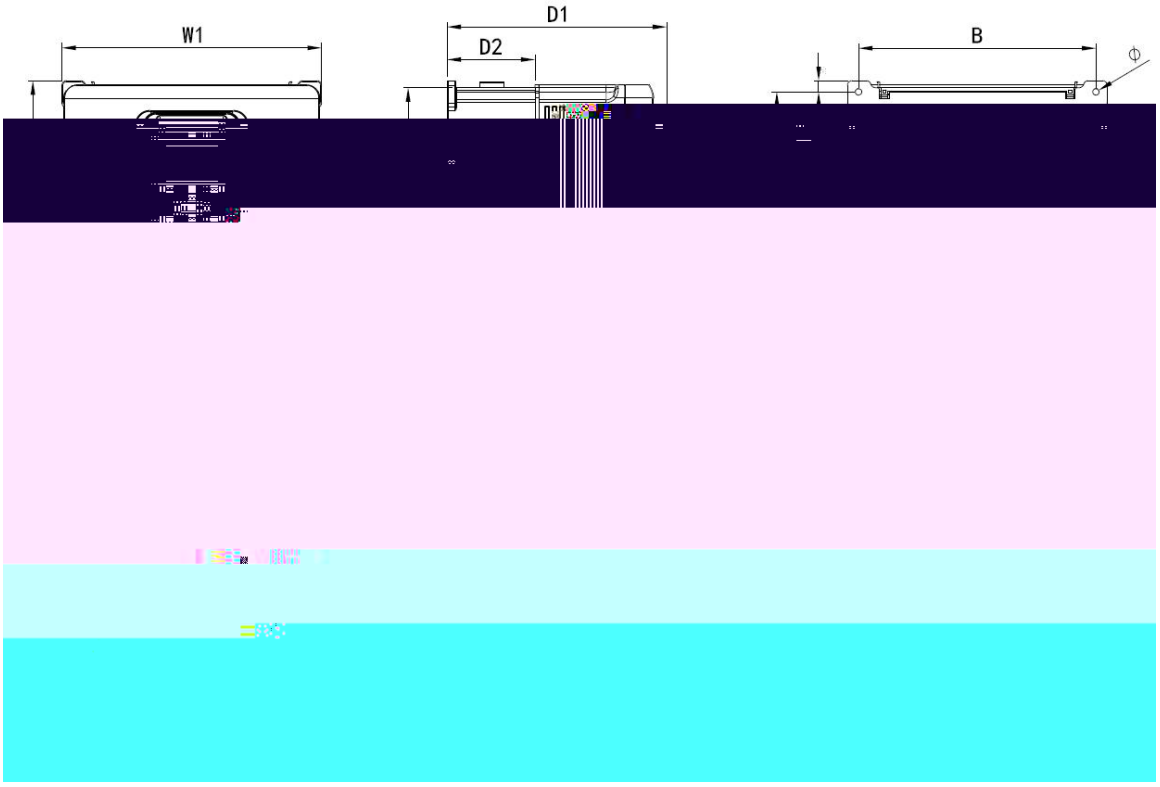
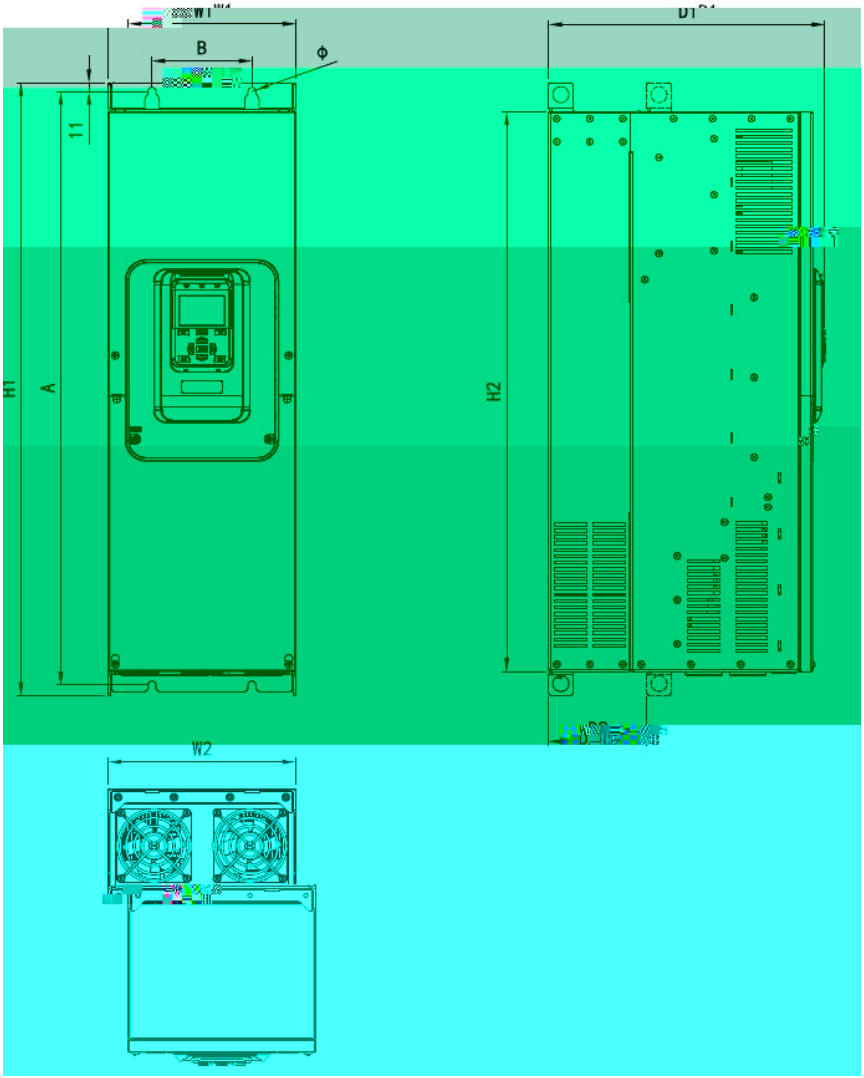

冷却风扇
上箱盖
前面板
控制板

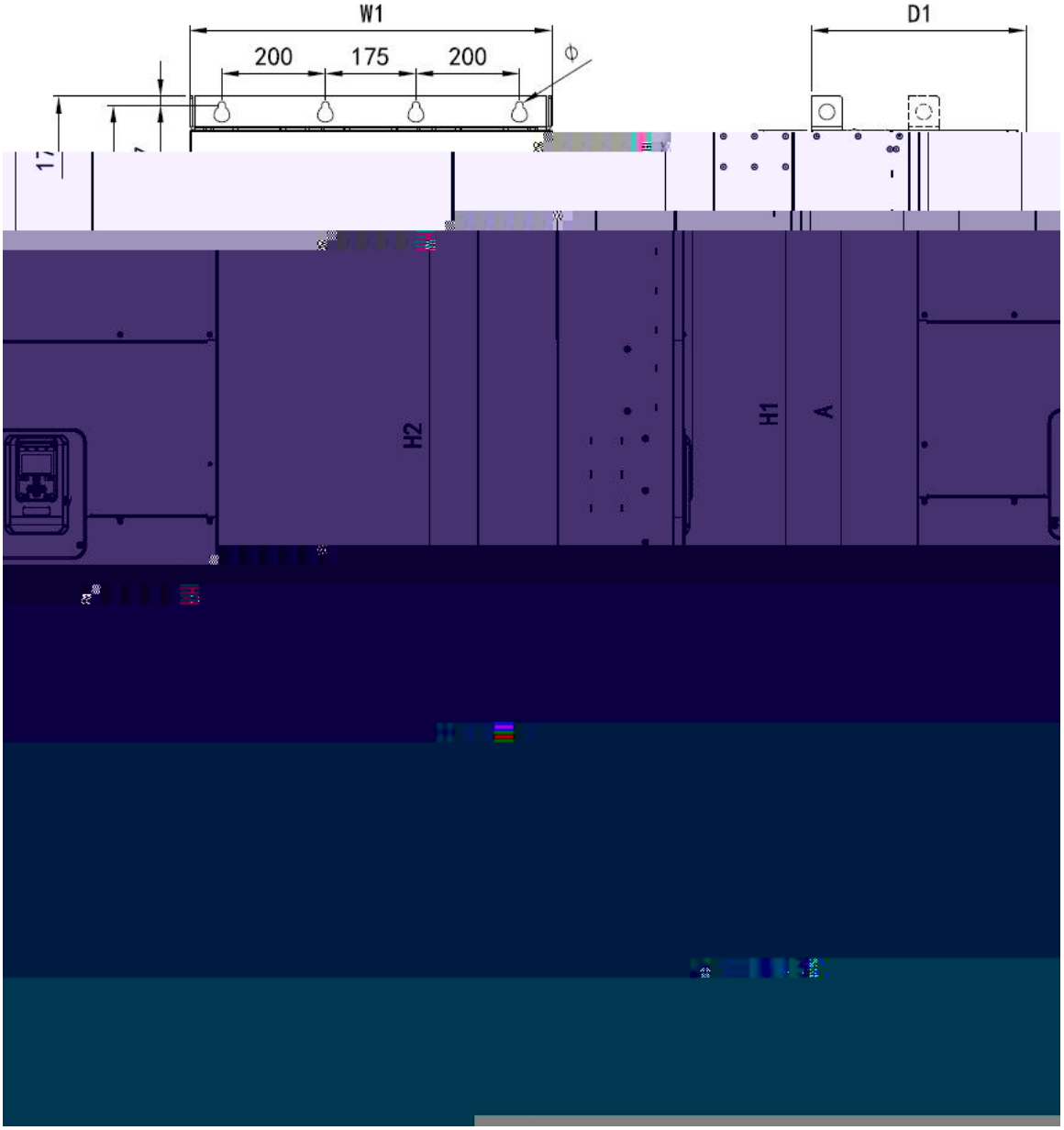

W1
D1
D2
B
ϕ
H1
H2
A


W1
D1
D2
B
ϕ
H1
H2
A
W2

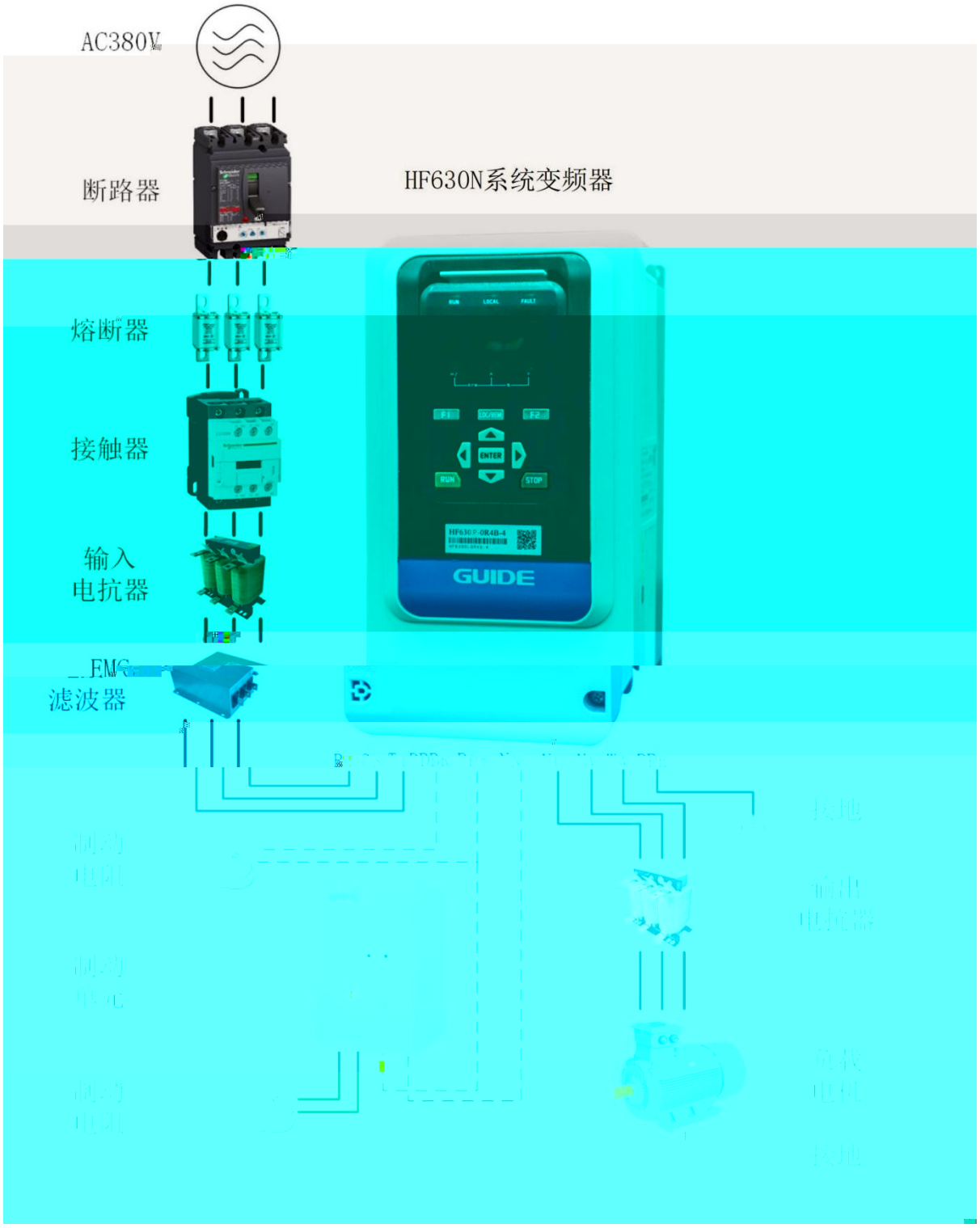

W1
D1
D2
B
Φ

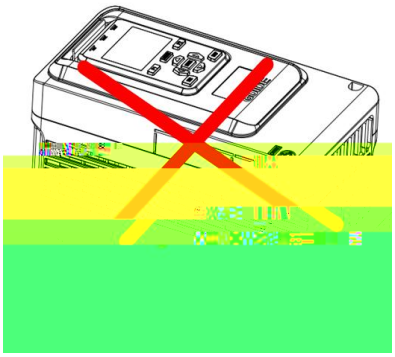
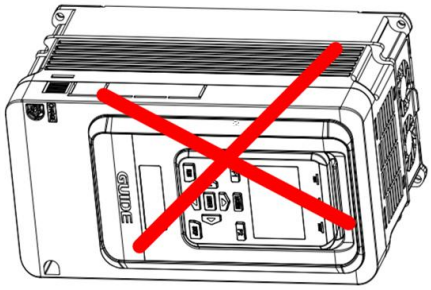

B
Φ
11
H1
A
H2
W2

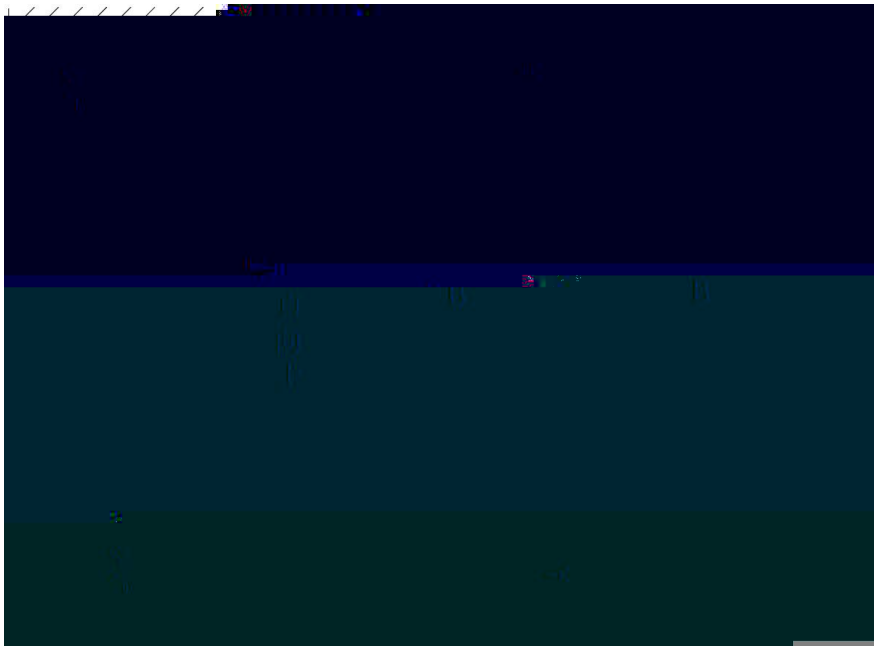
Φ
B/2
B/2
12.5
D2
W2

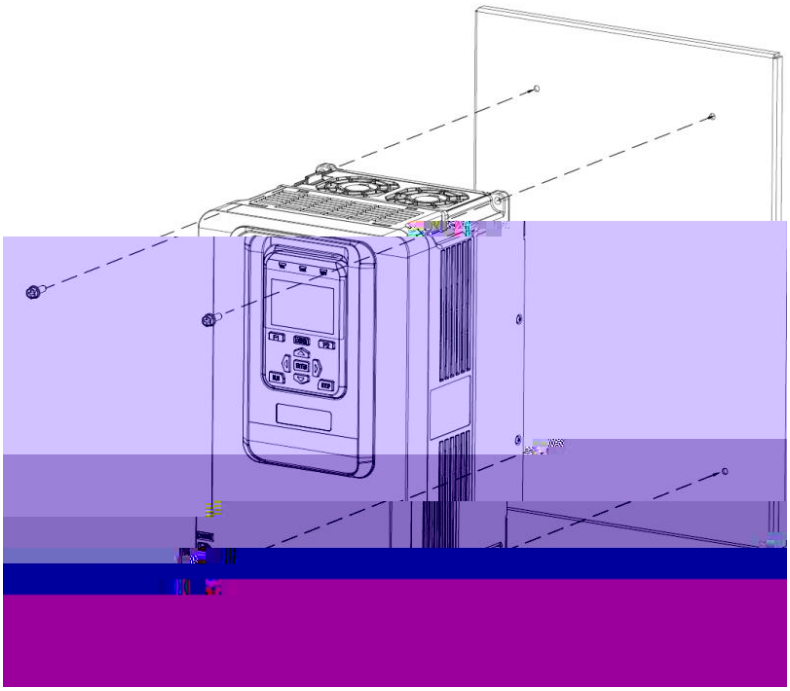

W1
200
175
200
Φ
D1
H2
H1
A

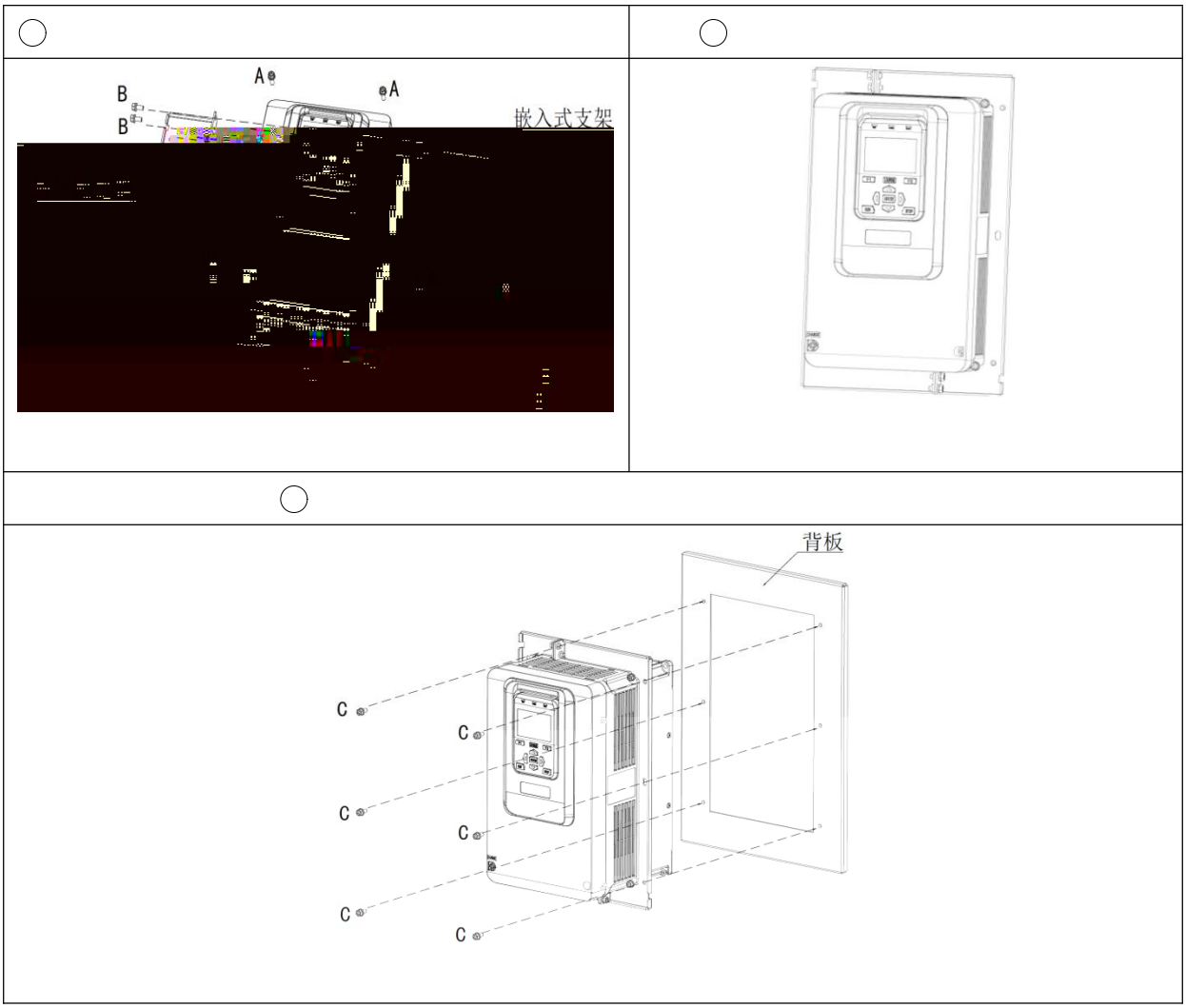
⚠
⚠

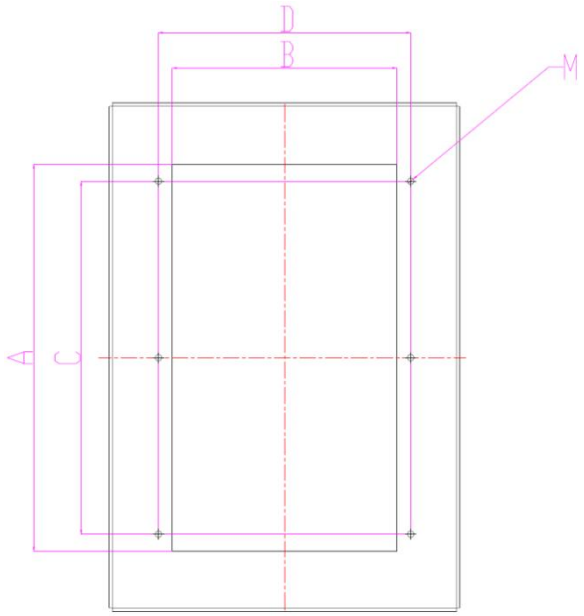

AC380V
断路器
HF630N系统变频器
熔断器
接触器
输入
电抗器
EMC
滤波器
GUIDE
接地
制动
电阻
输出
电抗器
制动
电阻
负载
电机
制动
电阻
接地

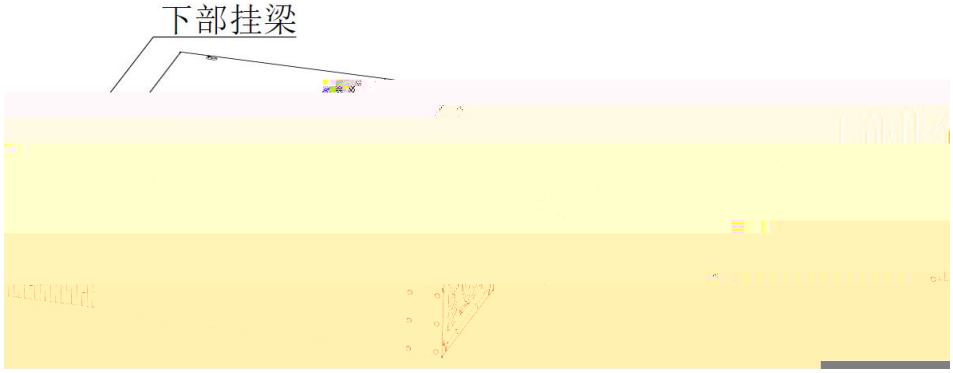
	 






A
A
B
B
嵌入式支架
背板
C
C
C
C
C
C


D
B
M
A
C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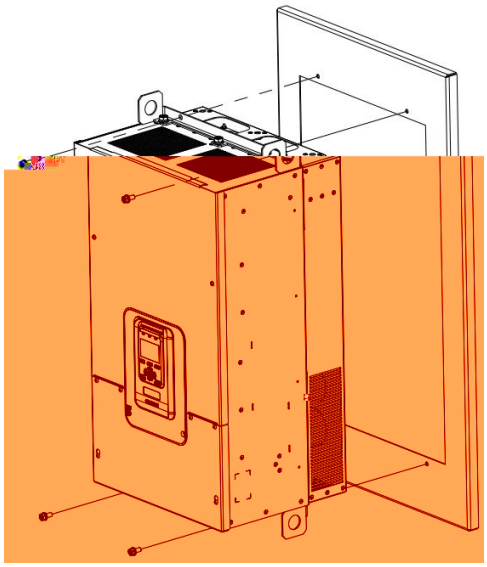
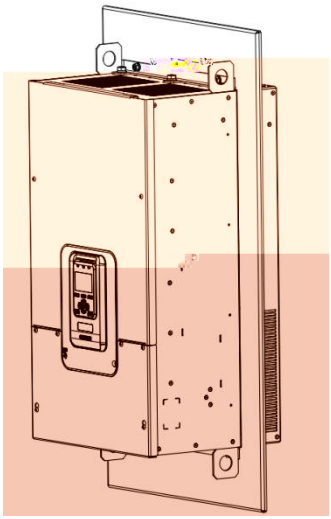
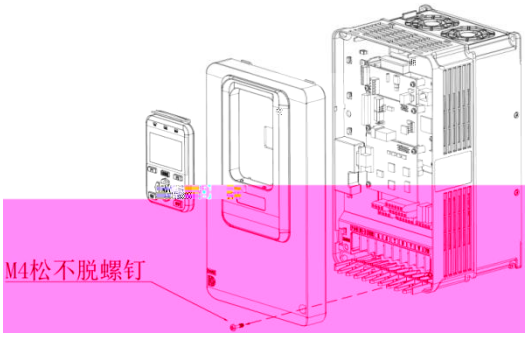
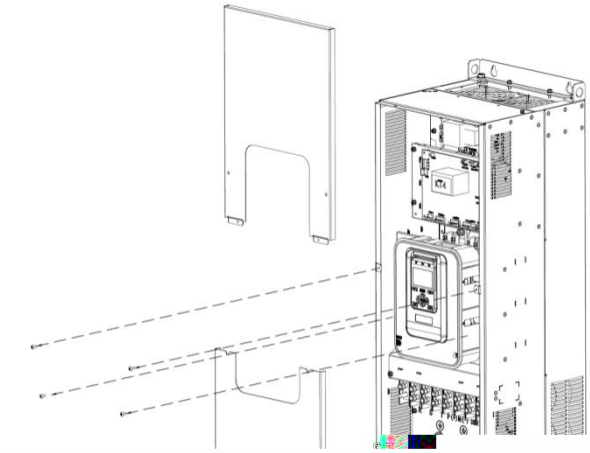
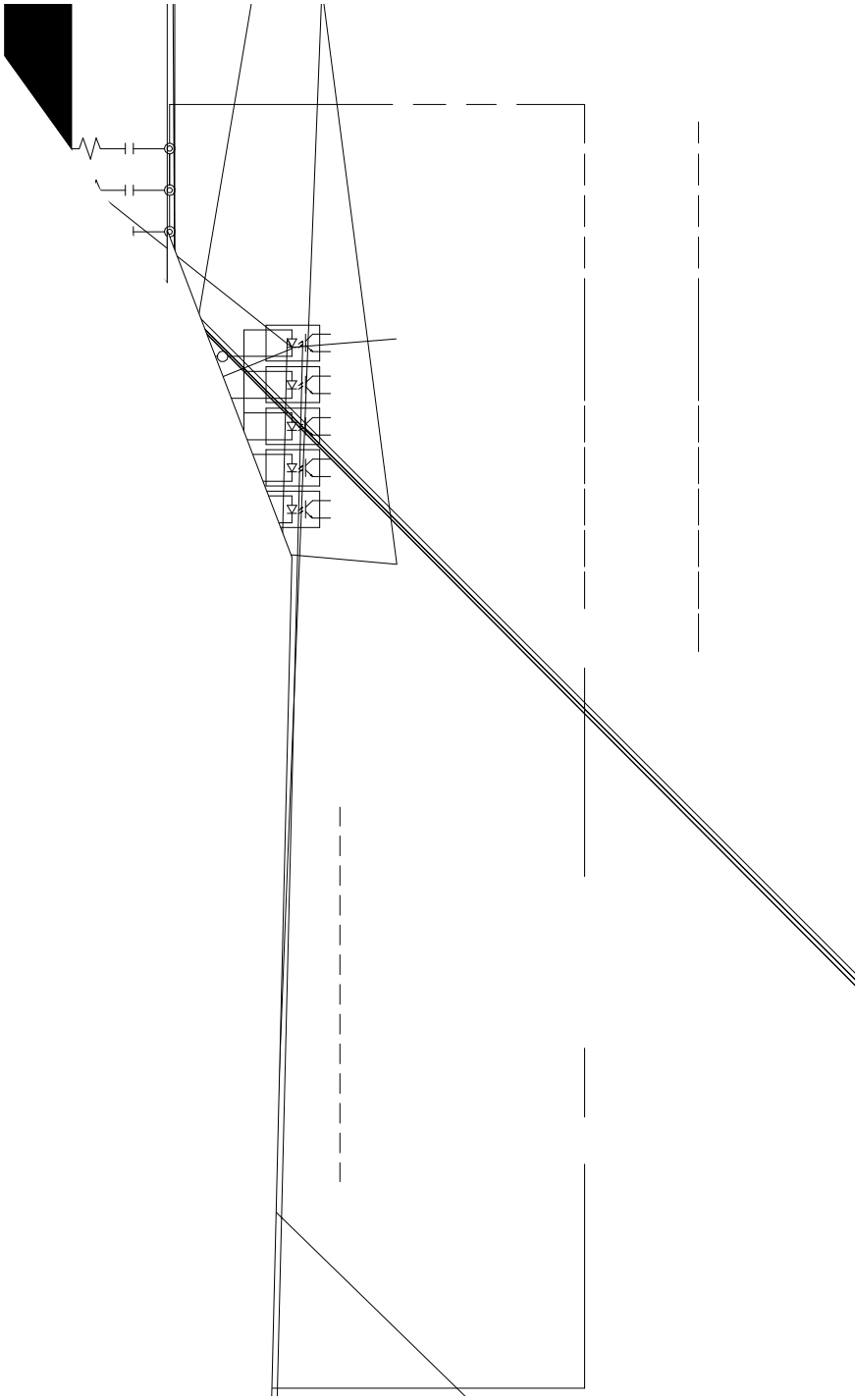
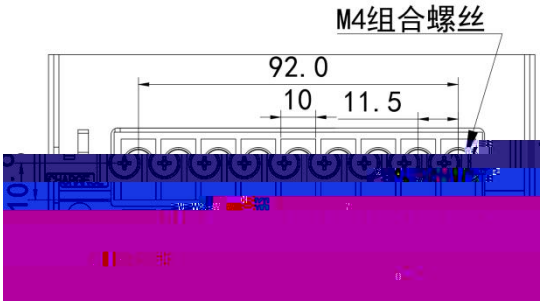
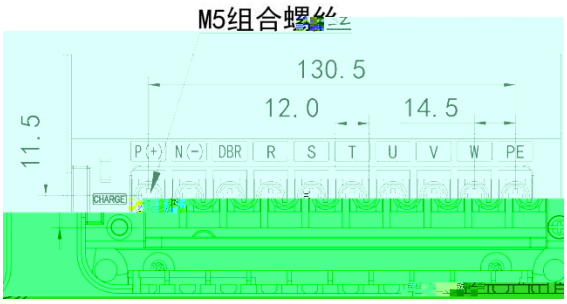


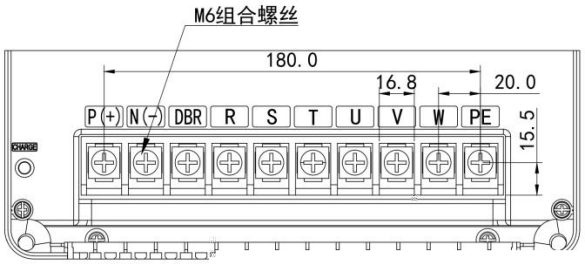


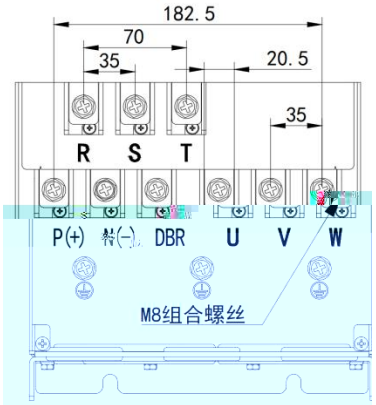
	 M4松不脱螺钉
	

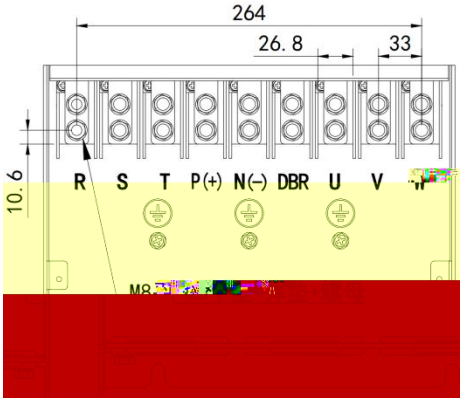


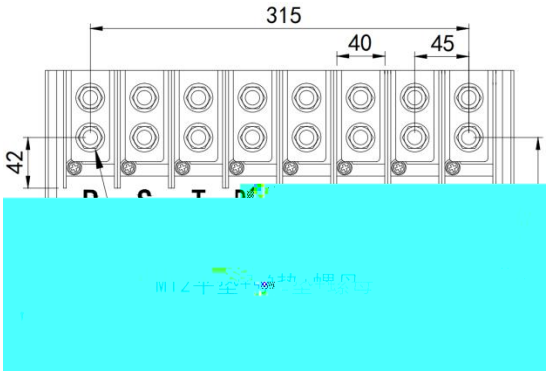

M4组合螺丝
92.0
10
11.5


M5组合螺丝
130.5
12.0
14.5
11.5
P(+)
N(-)
DBR
R
S
T
U
V
W
PE
CHARGE


M6组合螺丝
180.0
16.8
20.0
15.5
P(+)
N(-)
DBR
R
S
T
U
V
W
PE
CHARGE


182.5
70
35
20.5
35
R
S
T
P(+)
N(-)
DBR
U
V
W
M8组合螺丝


264
26.8
33
10.6
R
S
T
P(+)
N(-)
DBR
U
V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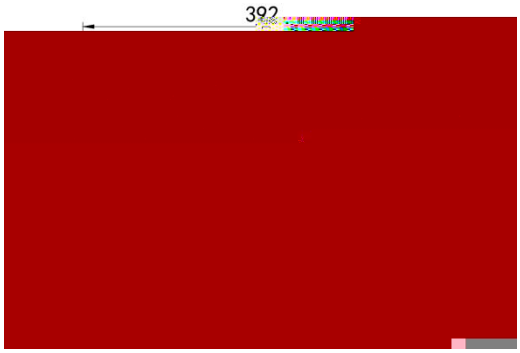
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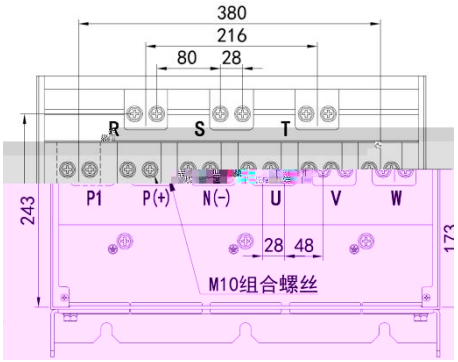
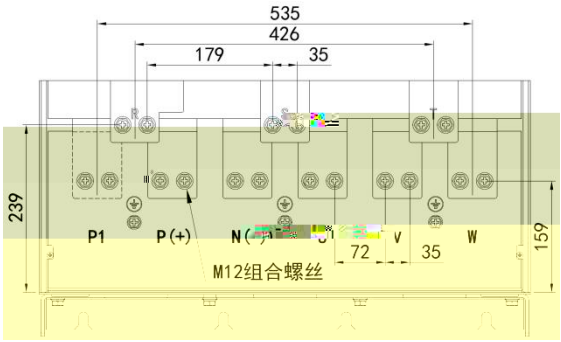
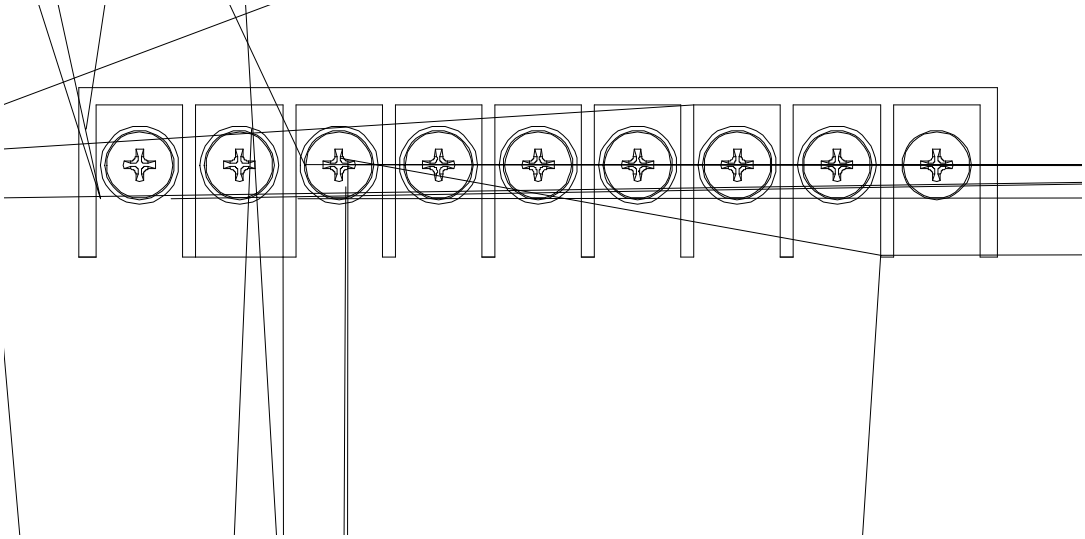
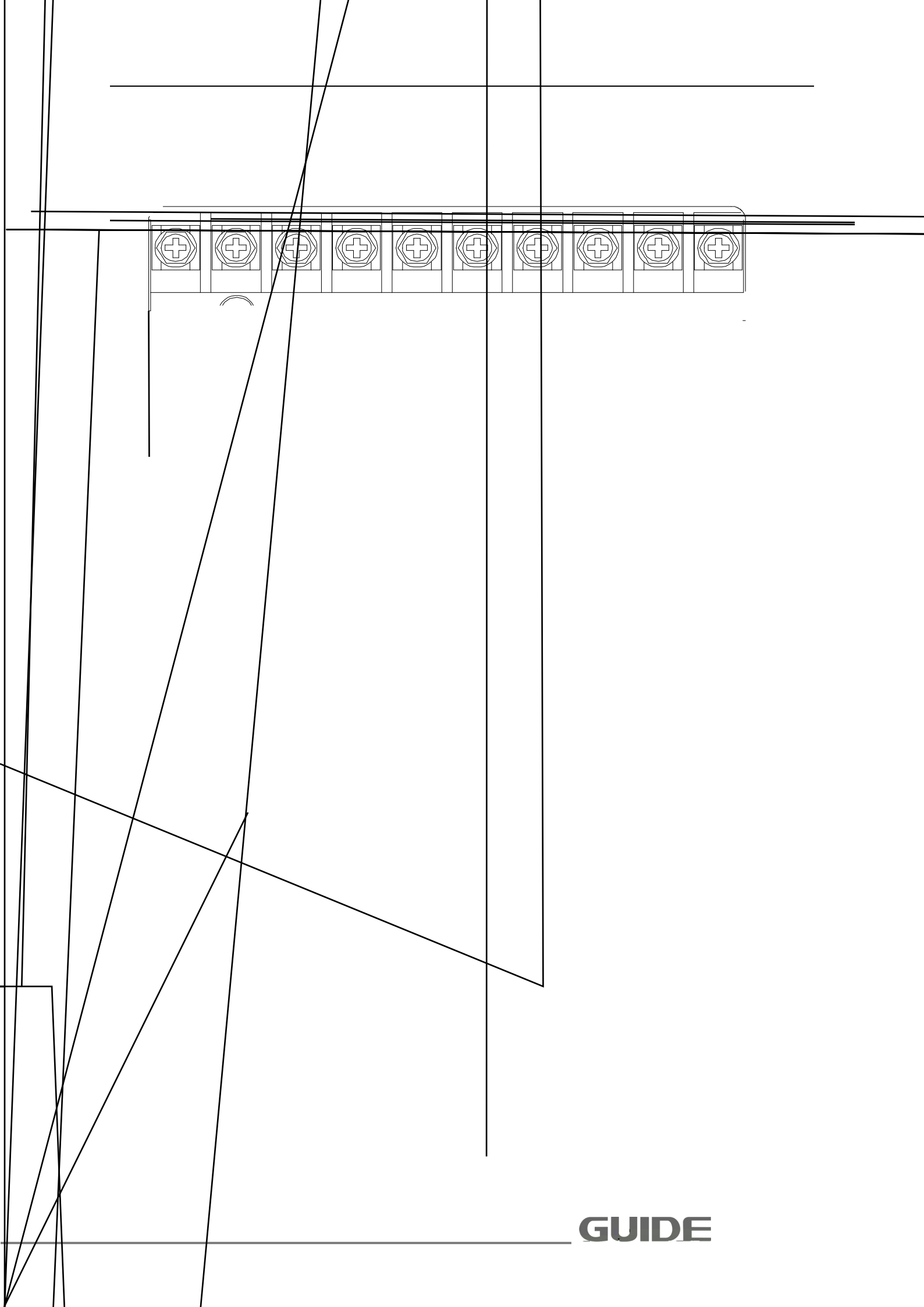
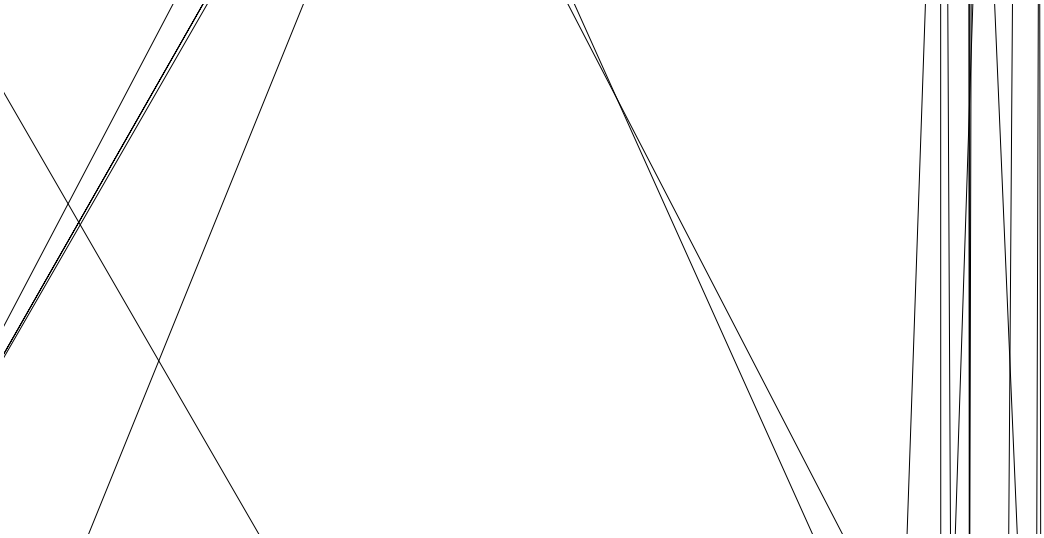
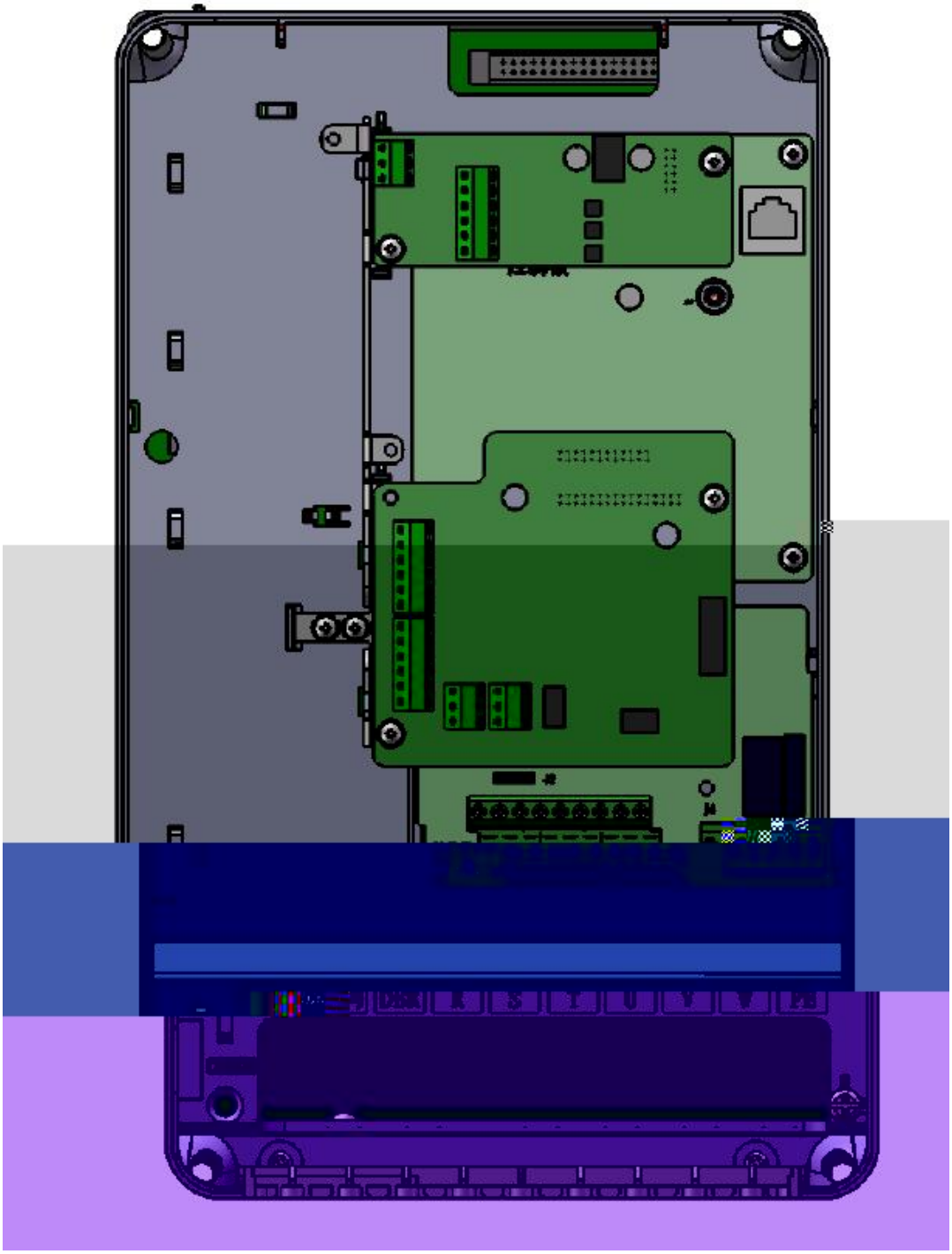

380
216
80
28
R
S
T
P1
P(+)
N(-)
U
V
W
243
28
48
M10组合螺丝

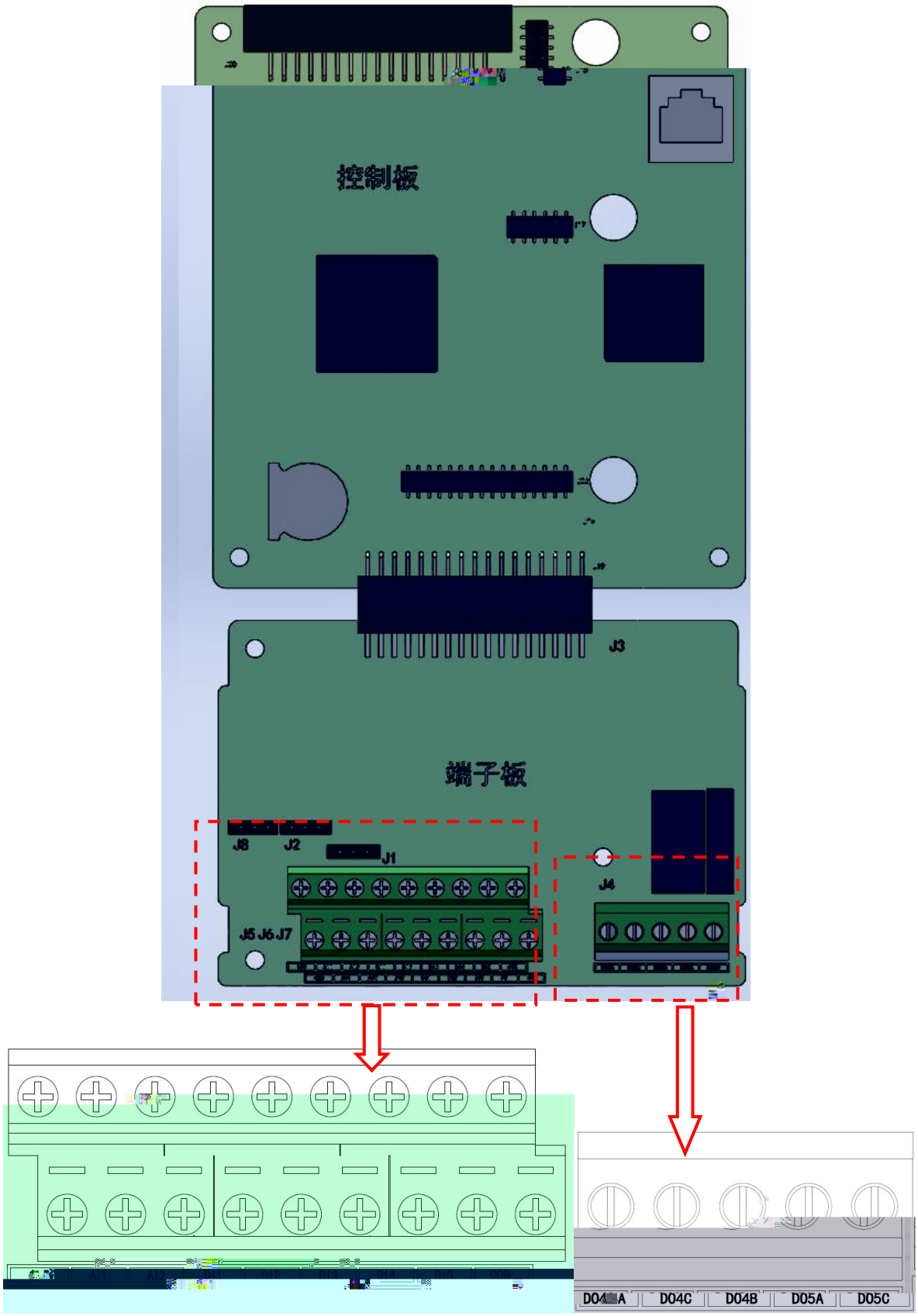

535
426
179
35
239
159
P1
P(+)
N(-)
V
W
72
35
M12组合螺丝

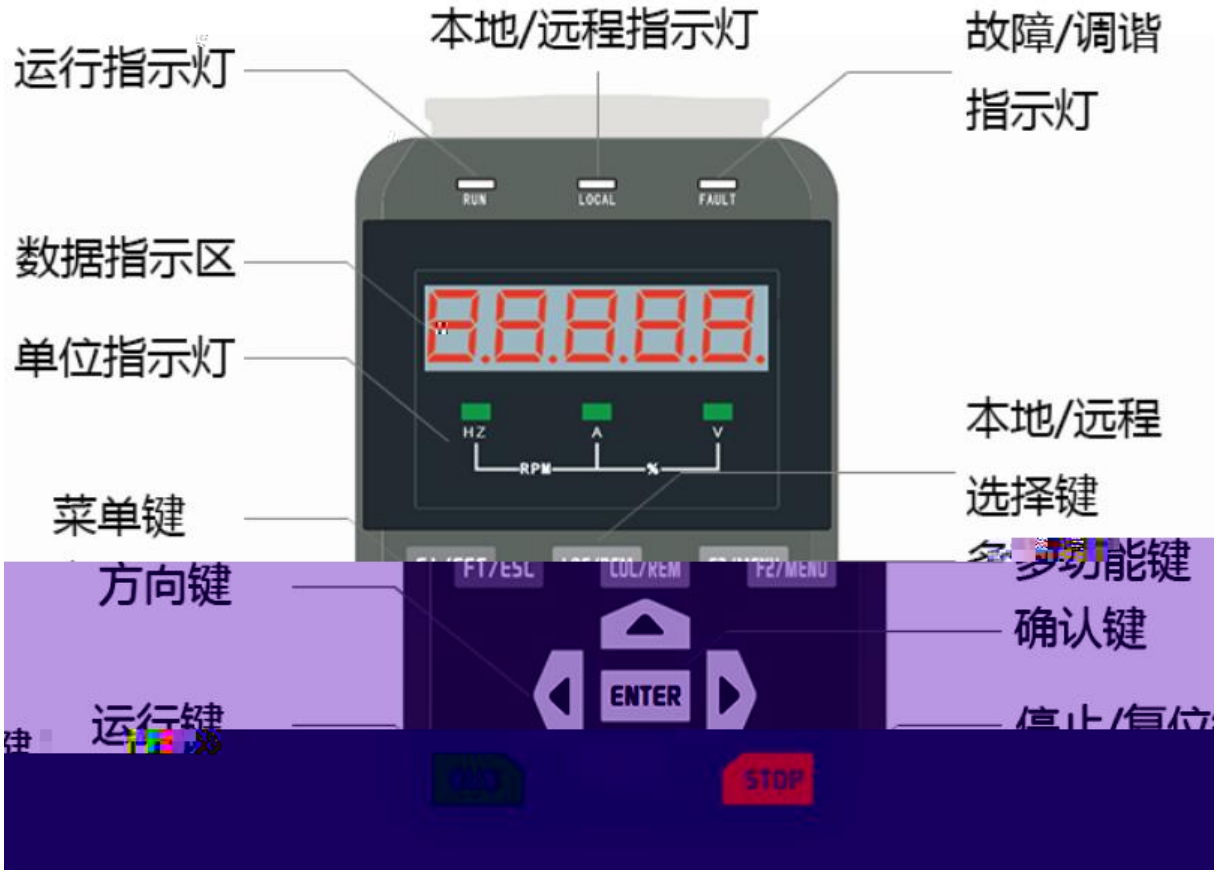






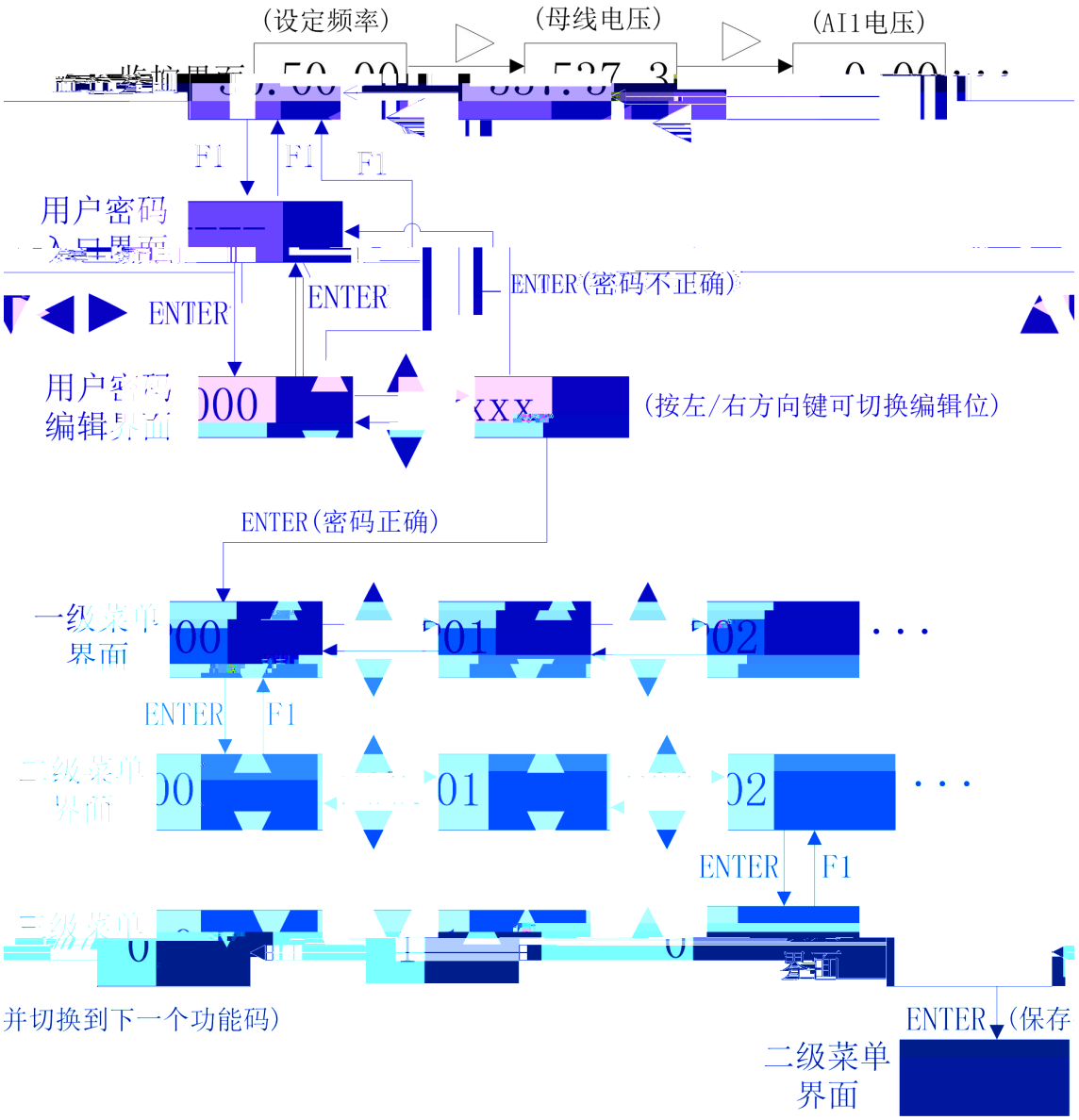


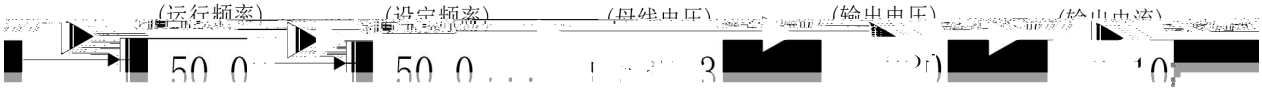

控制板
J3
端子板
J8
J2
J1
J5 J6 J7
J4
D04C
D04B
D05A
D05C

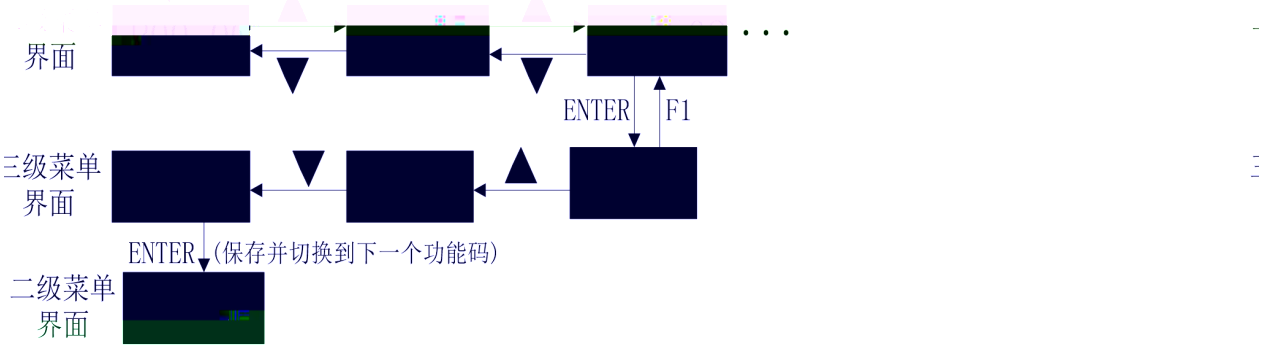

运行指示灯
本地/远程指示灯
故障/调谐
指示灯
RUN
LOCAL
FAULT
数据指示区
单位指示灯
HZ
A
V
RPM
%
本地/远程
选择键
菜单键
多功能键
方向键
确认键
ENTER
运行键
STOP

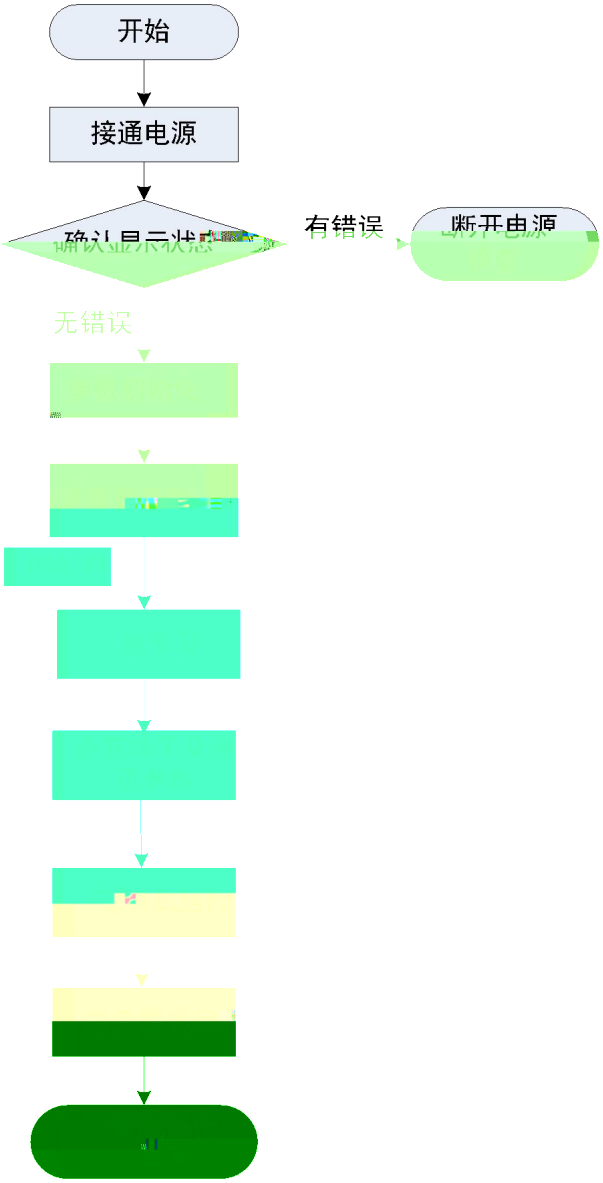
显示文字	LED显示	显示文字	LED显示	显示文字	LED显示	显示文字	LED显示
0	0	A	A	K	K	U	U
1	1	B	b	L	L	V	u
2	2	C	C	M	无	W	无
3	3	D	d	N	n	X	无
4	4	E	E	O	o	Y	y
5	5	F	F	P	P	Z	无
6	6	G	G	Q	q		
7	7	H	H	R	r		
8	8	I	I	S	S		
9	9	J	J	T	T		

F1/ESC		
LOC/REM		
ENTER		
RUN		
STOP		


(设定频率)
(母线电压)
(AI1电压)
F1
F1
F1
用户密码
ENTER
ENTER
ENTER(密码不正确)
用户密码
编辑界面
(按左/右方向键可切换编辑位)
ENTER(密码正确)
一级菜单
界面
ENTER
F1
二级菜单
界面
ENTER
F1
三级菜单
界面
并切换到下一个功能码)
ENTER(保存
二级菜单
界面


(运行频率)
(设定频率)
(母线电压)
(输出电压)
(输出电流)

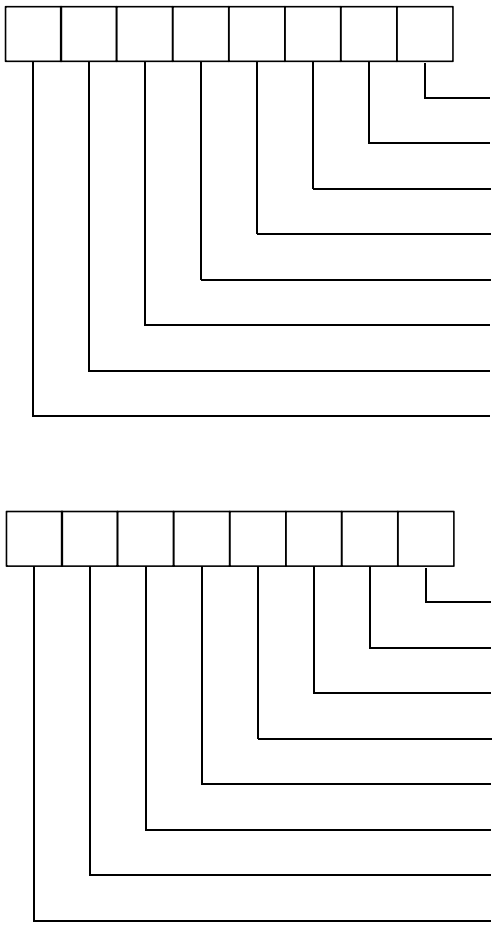

界面
ENTER
F1
三级菜单
界面
ENTER
(保存并切换到下一个功能码)
二级菜单
界面

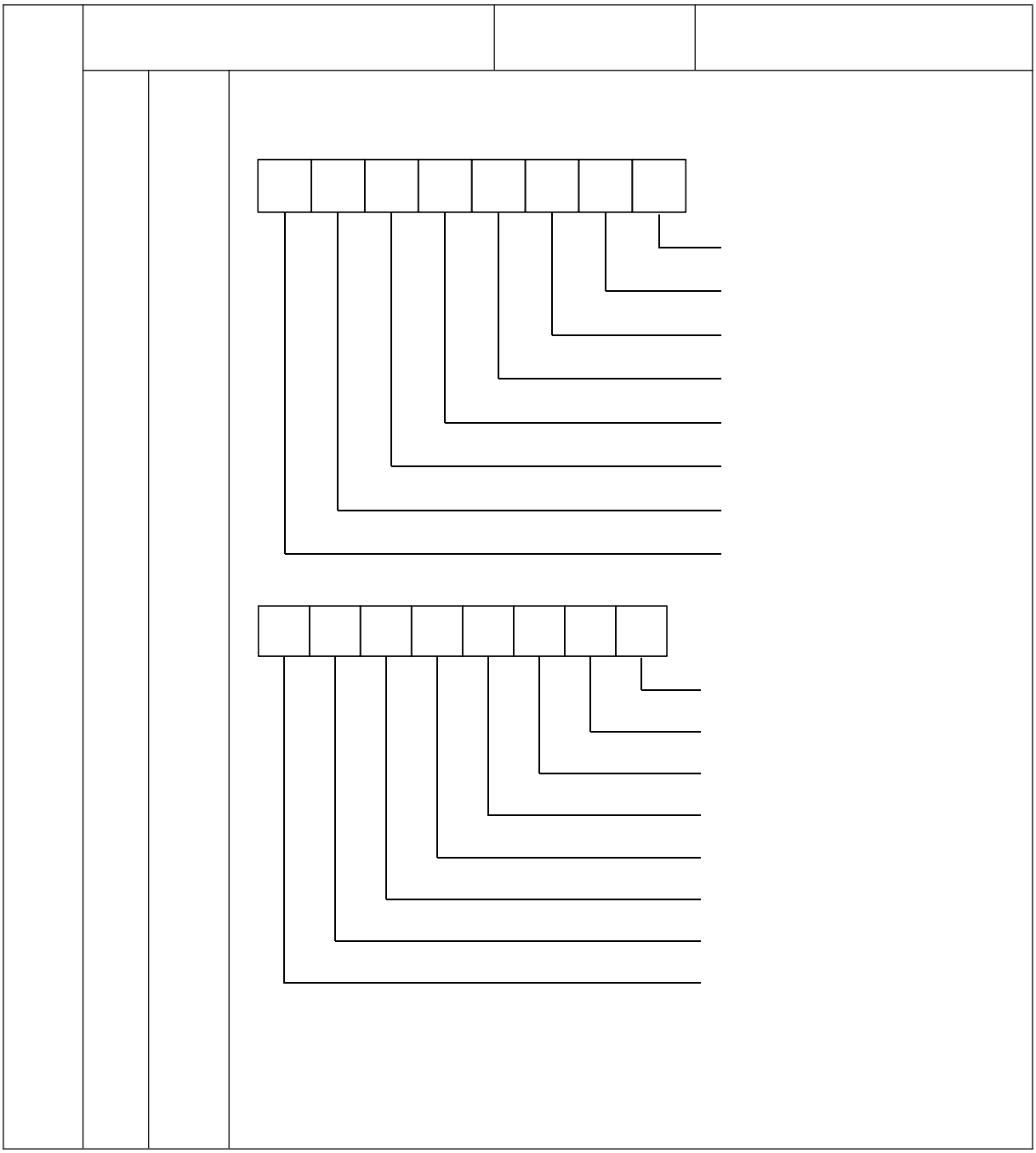

开始
接通电源
有错误
无错误

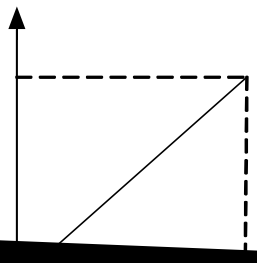
3 S

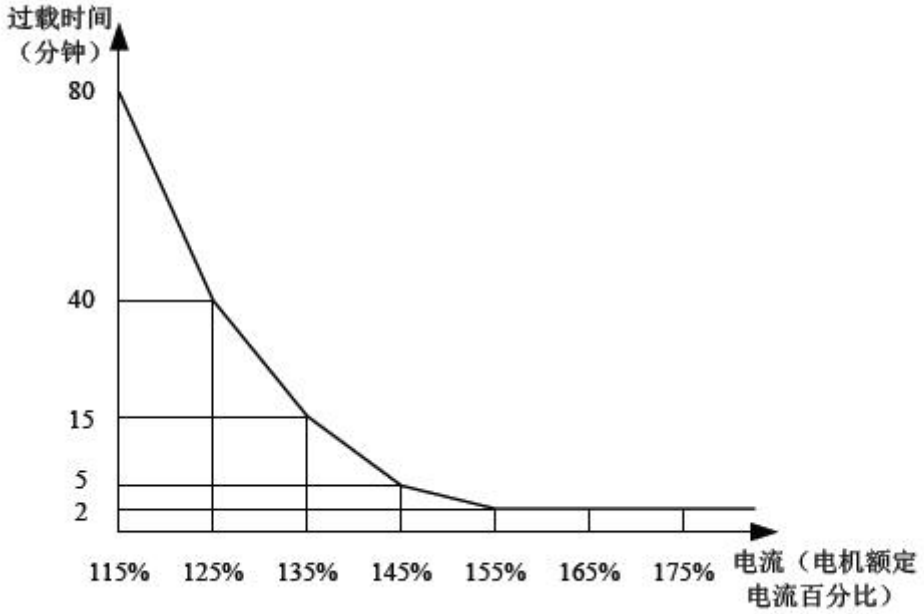
		Ω Ω Ω Ω		

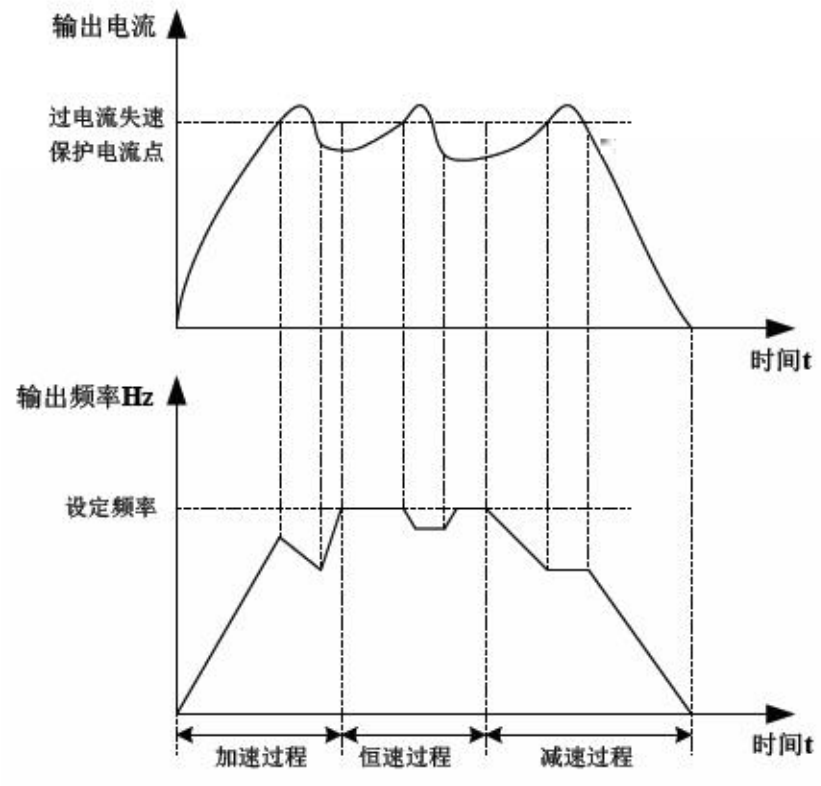
		Ω Ω Ω Ω		



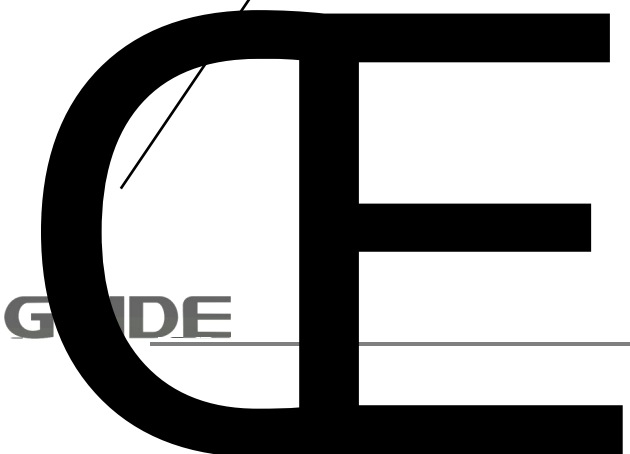




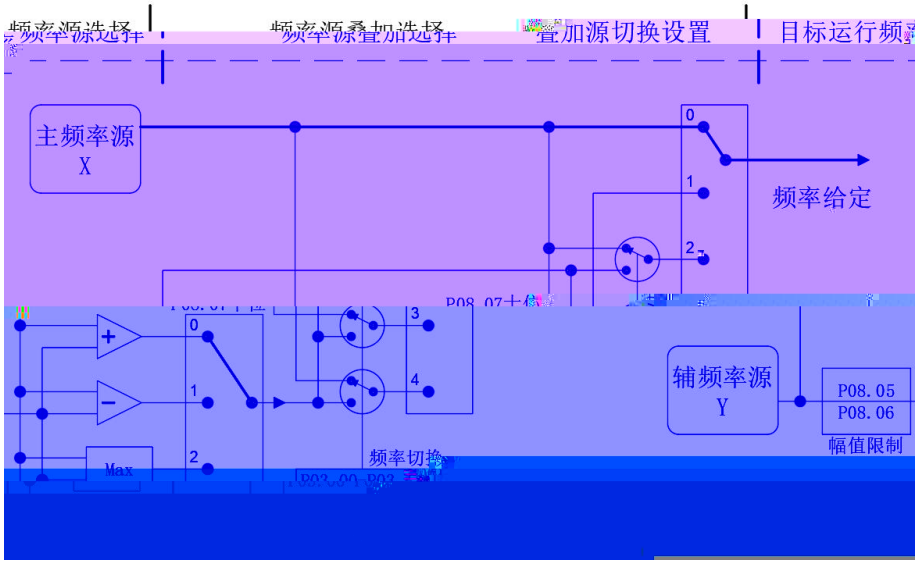

过载时间
（分钟）
80
40
15
5
2
115%
125%
135%
145%
155%
165%
175%
电流（电机额定
电流百分比）

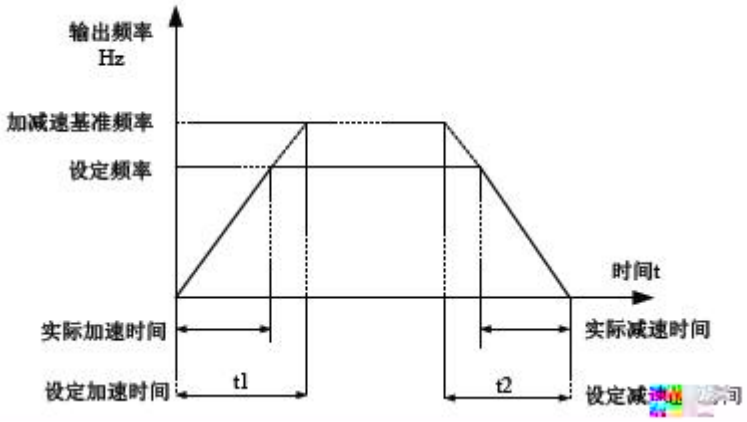

输出电流
过电流失速
保护电流点
时间t
输出频率Hz
设定频率
加速过程
恒速过程
减速过程
时间t

	uLÌ		tsñ0 ÞÞ 7@

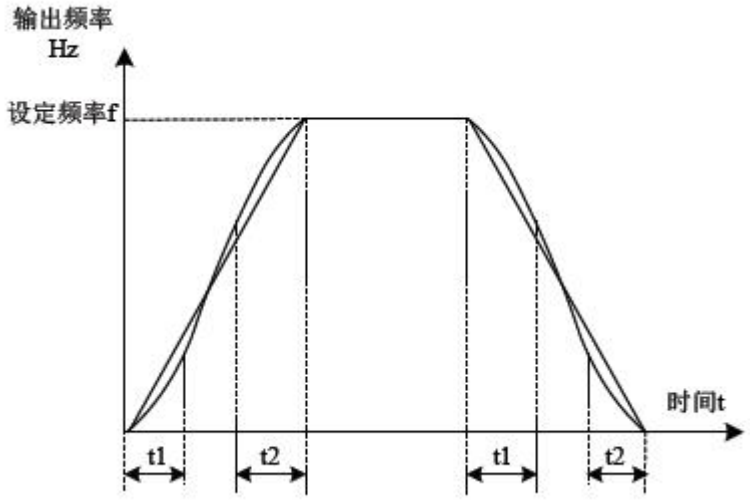


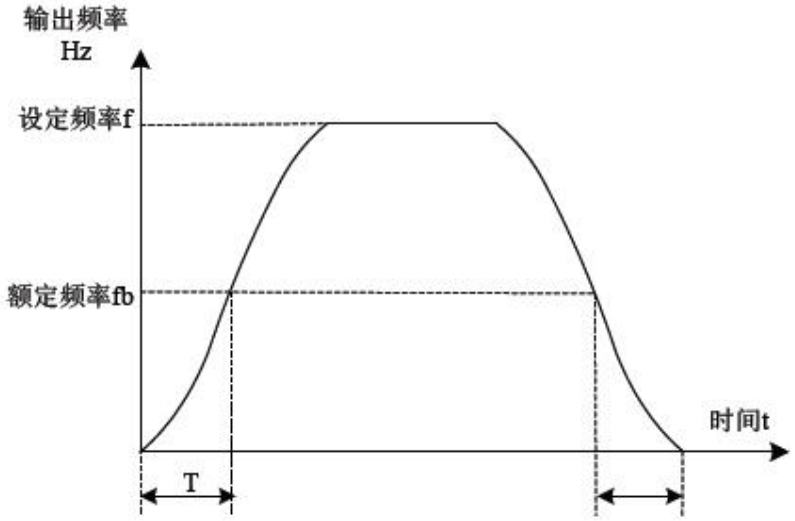
$

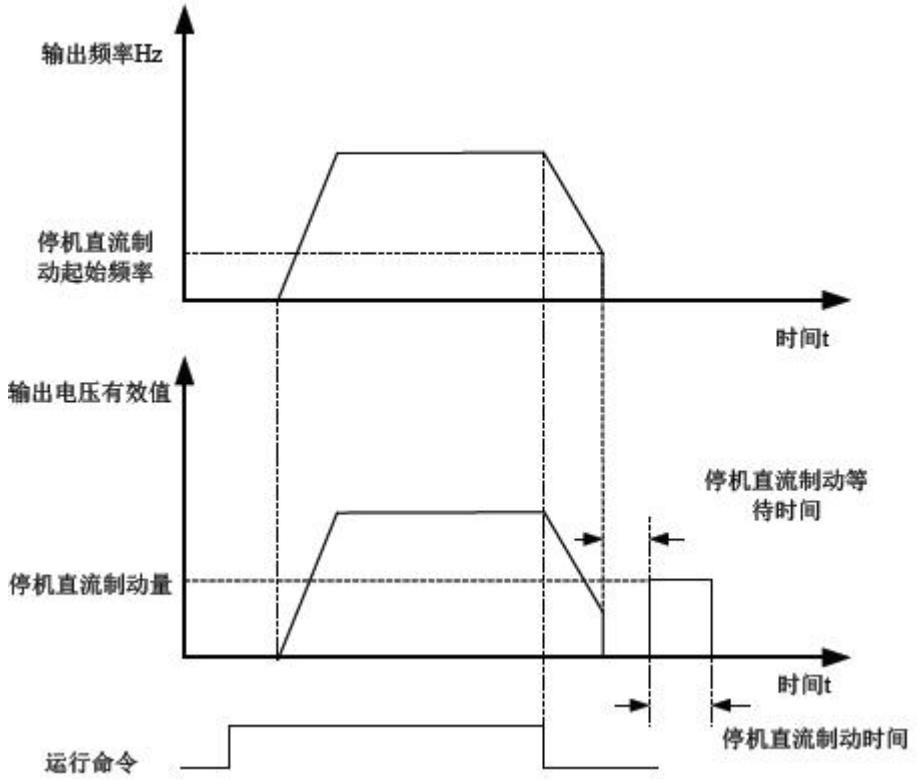

频率源选择
频率源叠加选择
叠加源切换设置
目标运行频率
主频率源
X
0
1
2
频率给定
+
−
0
1
2
Max
3
4
频率切换
辅频率源
Y
P08.05
P08.06
幅值限制

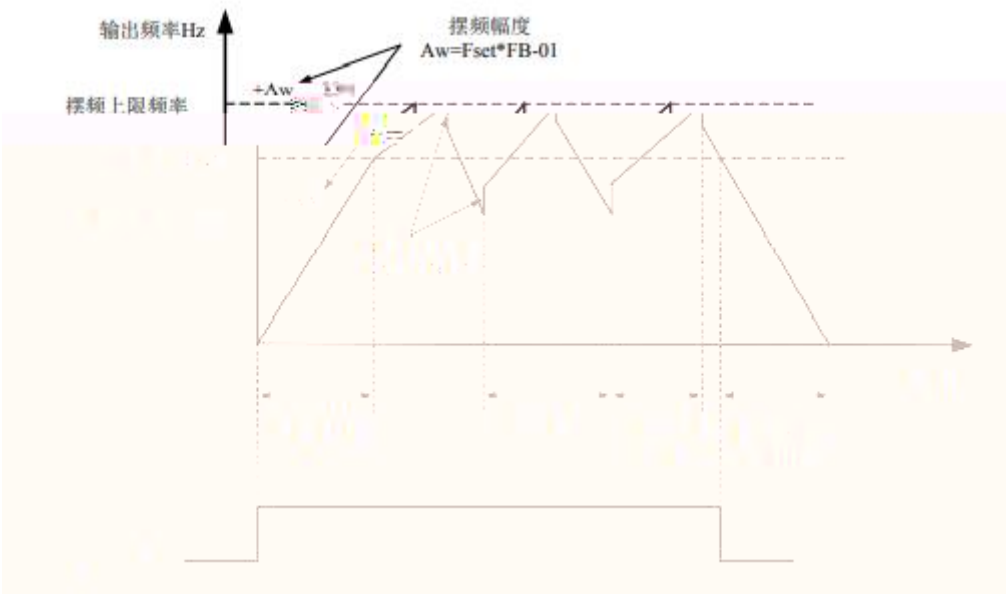

输出频率
Hz
加减速基准频率
设定频率
时间t
实际加速时间
实际减速时间
设定加速时间
t1
t2

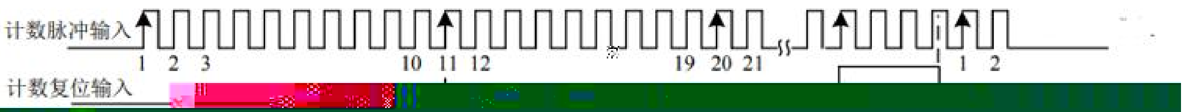
$$t = (\frac{4}{9} \times (\frac{f}{f_b})^2 + \frac{5}{9}) \times T$$

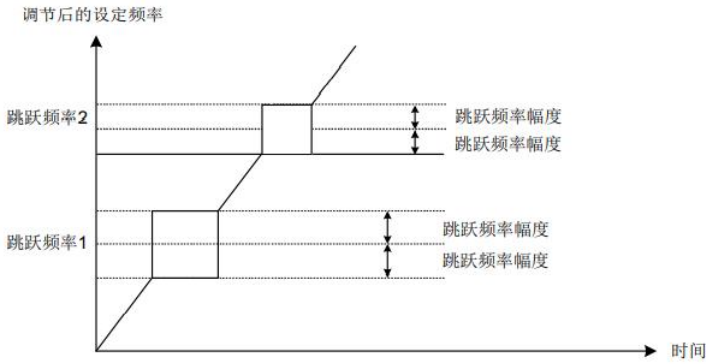

输出频率
Hz
设定频率f
时间t
t1
t2
t1
t2

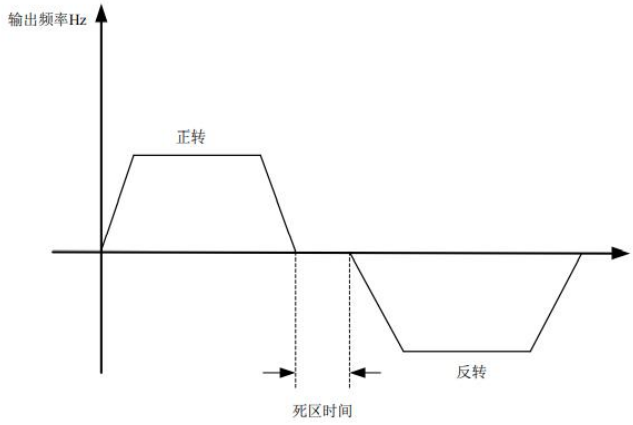

输出频率
Hz
设定频率f
额定频率fb
时间t
T

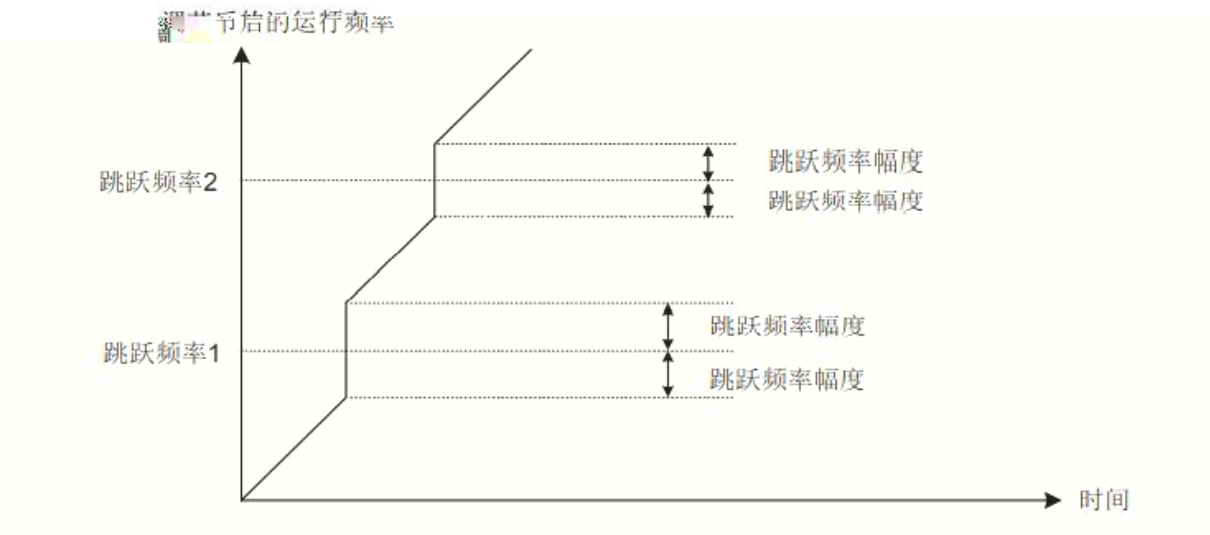

输出频率Hz
停机直流制
动起始频率
时间t
输出电压有效值
停机直流制动等
待时间
停机直流制动量
时间t
停机直流制动时间
运行命令

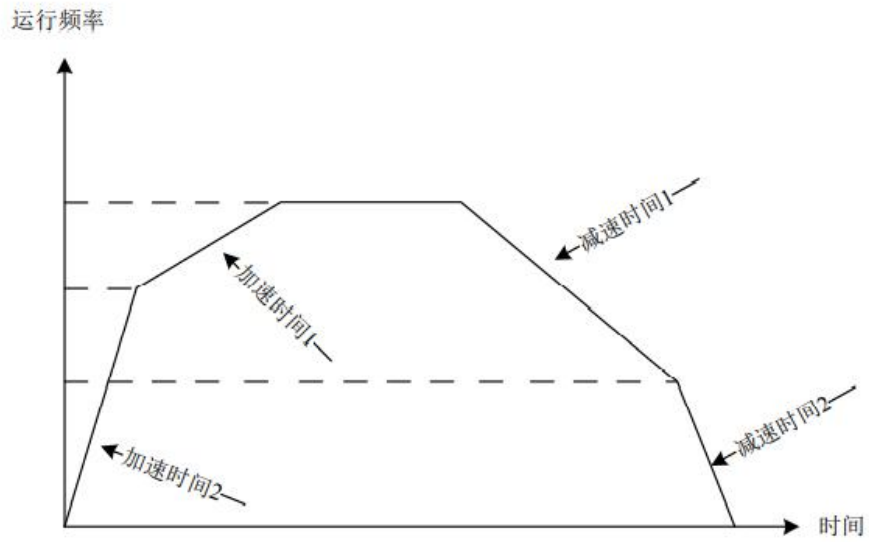

输出频率Hz
摆频幅度
Aw=Fset*FB-01
+Aw
摆频上限频率

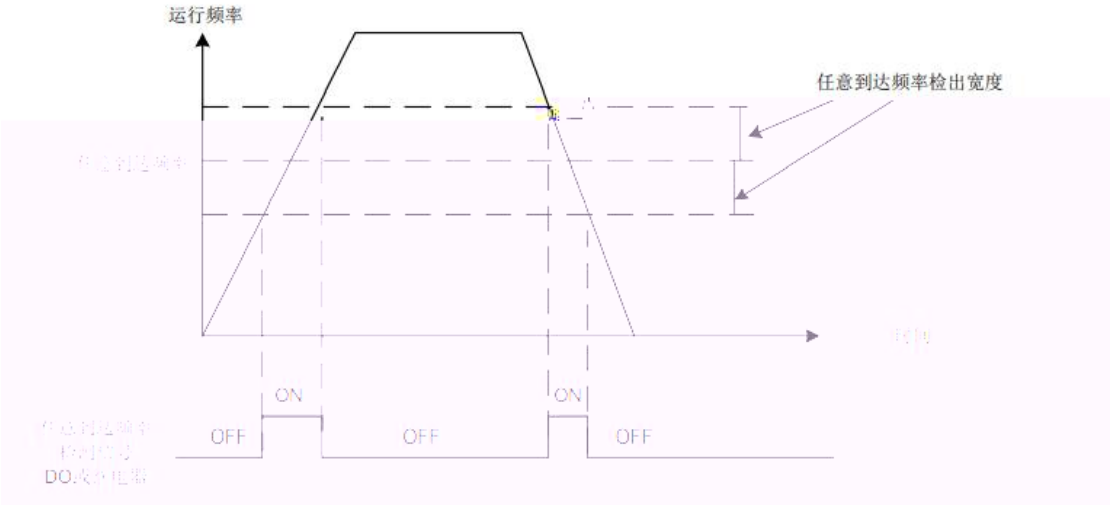

计数脉冲输入
1 2 3 10 11 12 19 20 21 1 2
计数复位输入


调节后的设定频率
跳跃频率2
跳跃频率1
跳跃频率幅度
跳跃频率幅度
跳跃频率幅度
跳跃频率幅度
时间

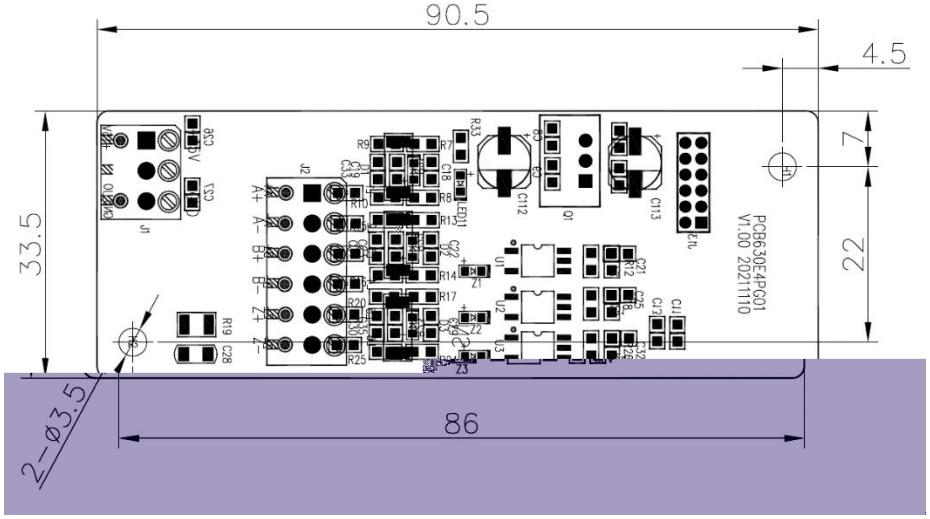

输出频率Hz
正转
反转
死区时间

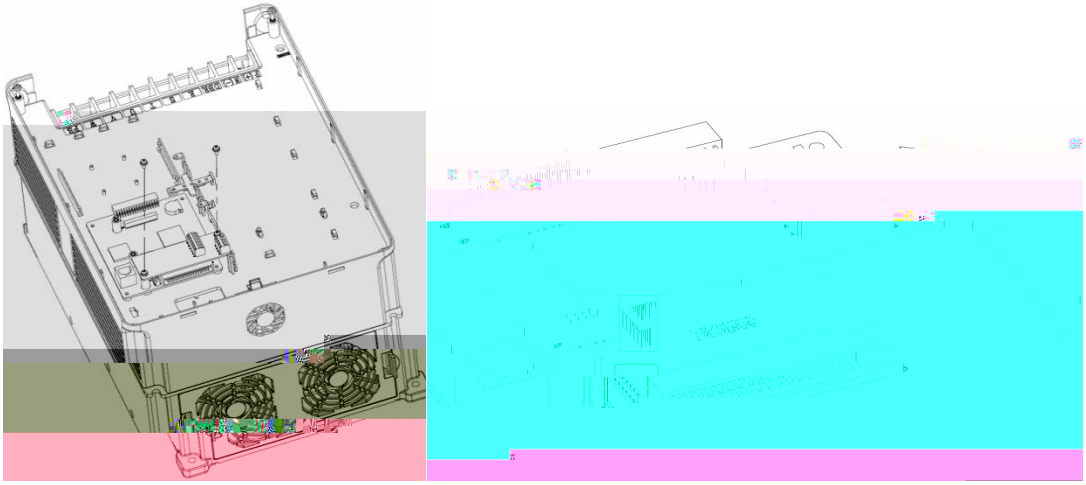

调节后的运行频率
跳跃频率2
跳跃频率1
跳跃频率幅度
跳跃频率幅度
跳跃频率幅度
跳跃频率幅度
时间

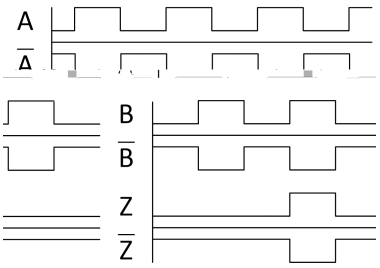

运行频率
减速时间1
加速时间1
减速时间2
加速时间2
时间

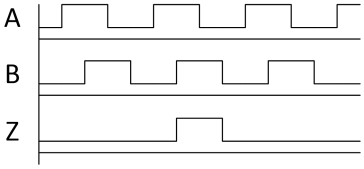

运行频率
任意到达频率检出宽度
ON
ON
OFF
OFF
OFF

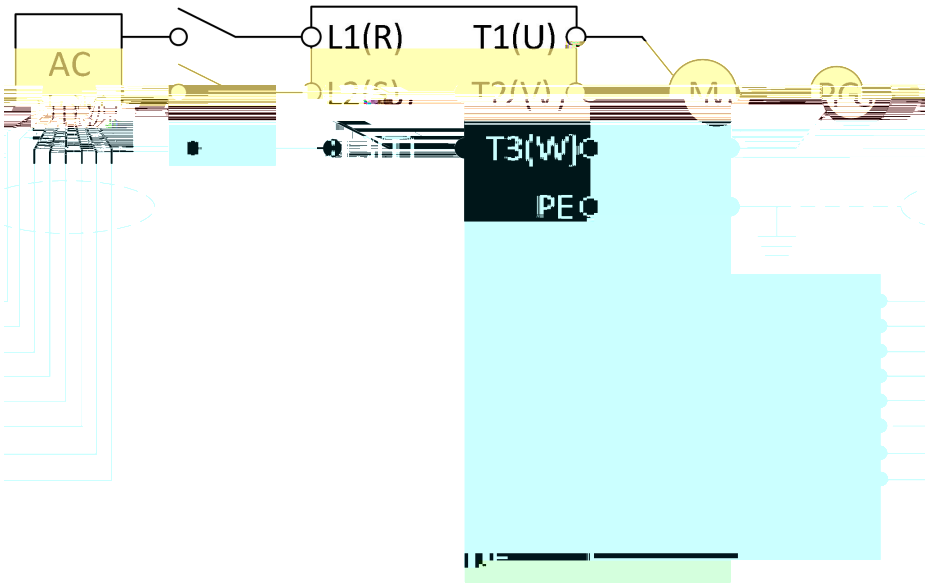
8.8.8.8.8		

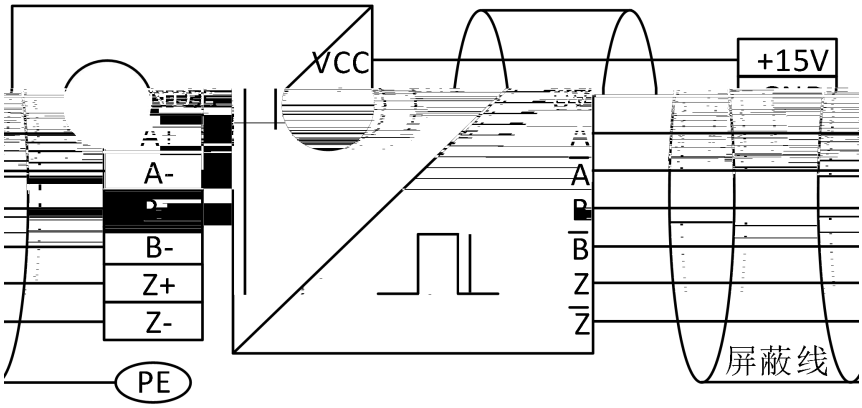

90.5
4.5
7
22
33.5
86
2-Ø3.5
PCB630E4PC01
V1.00 20211110

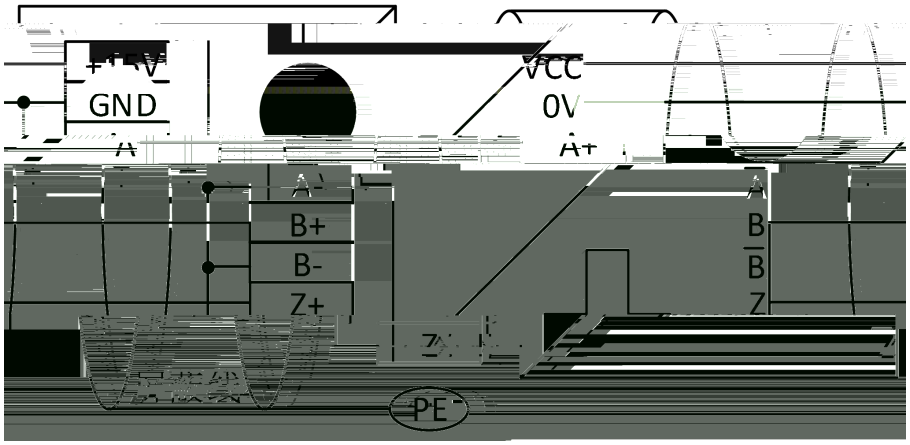


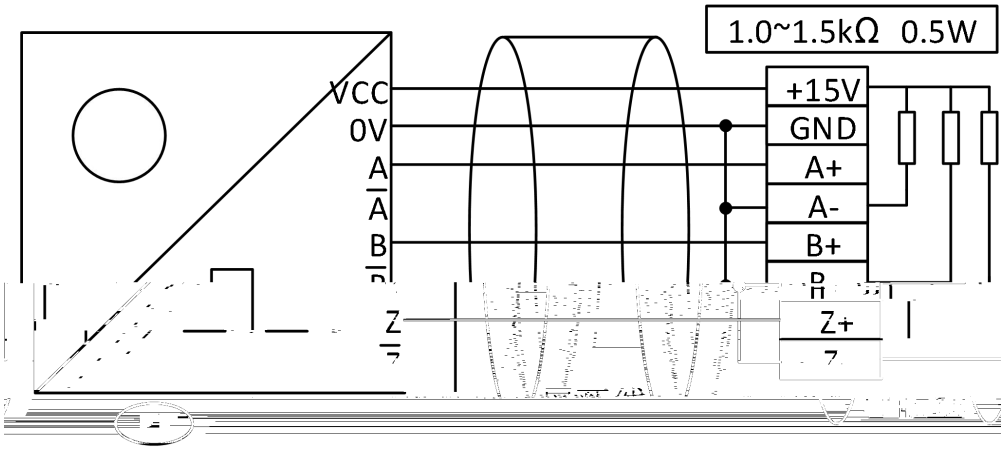

A
$\overline{A}$
B
$\overline{B}$
Z
$\overline{Z}$

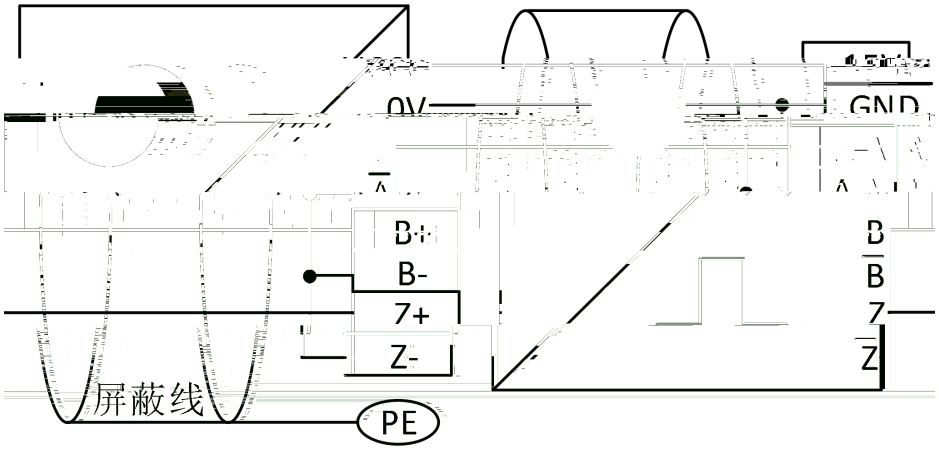

A
B
Z

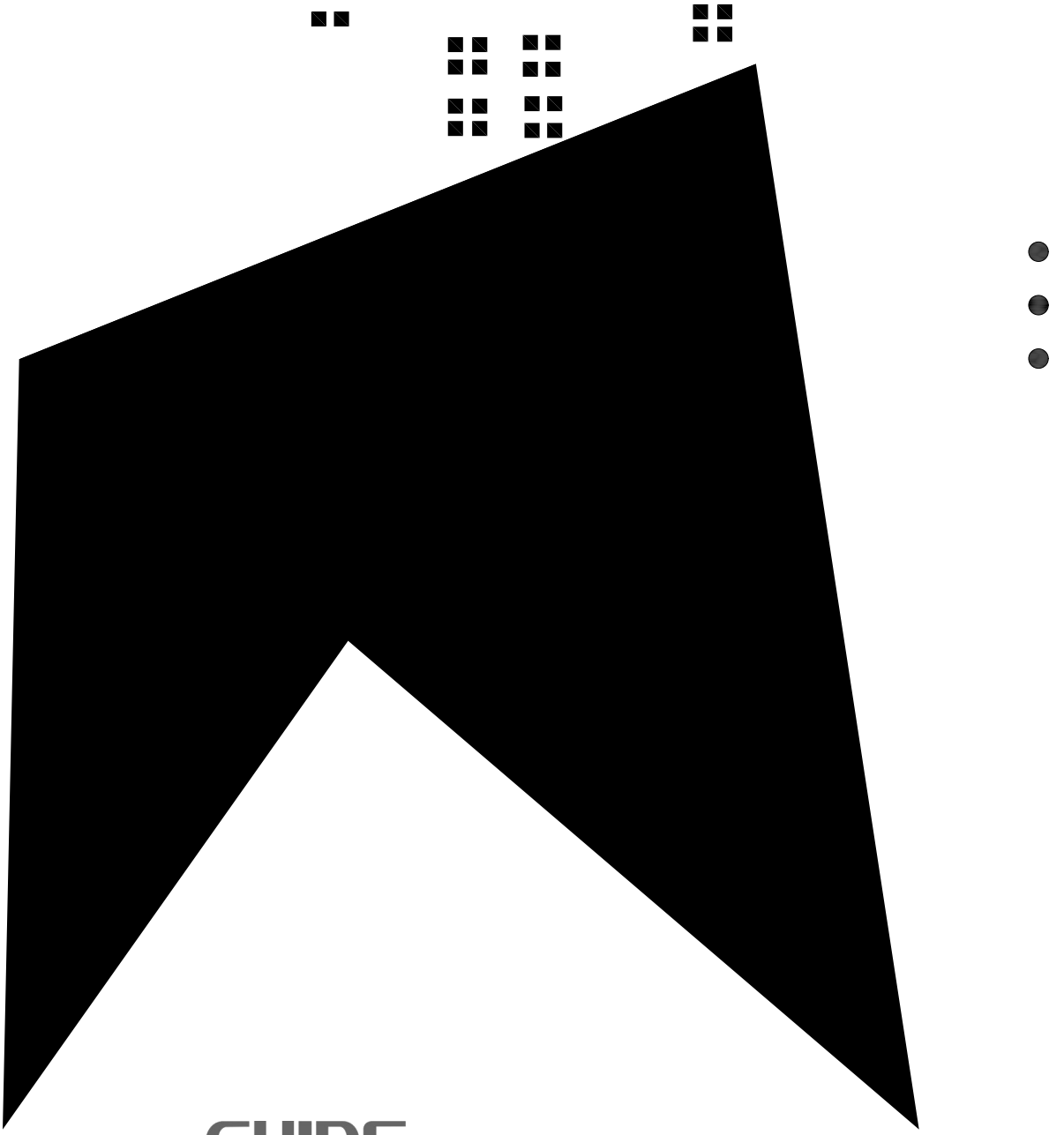

AC
L1(R)
T1(U)
T3(W)
PE


VCC
+15V
A-
B-
Z+
Z-
A
B
Z
屏蔽线
PE

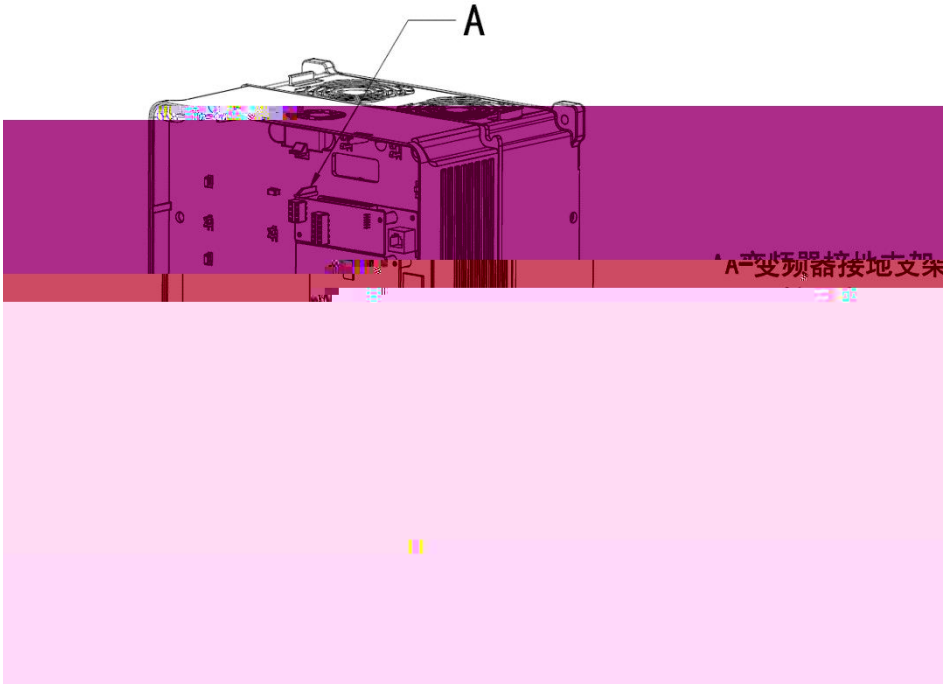

+15V
GND
VCC
0V
A+
A-
B+
B-
Z+
Z-
屏蔽线
PE

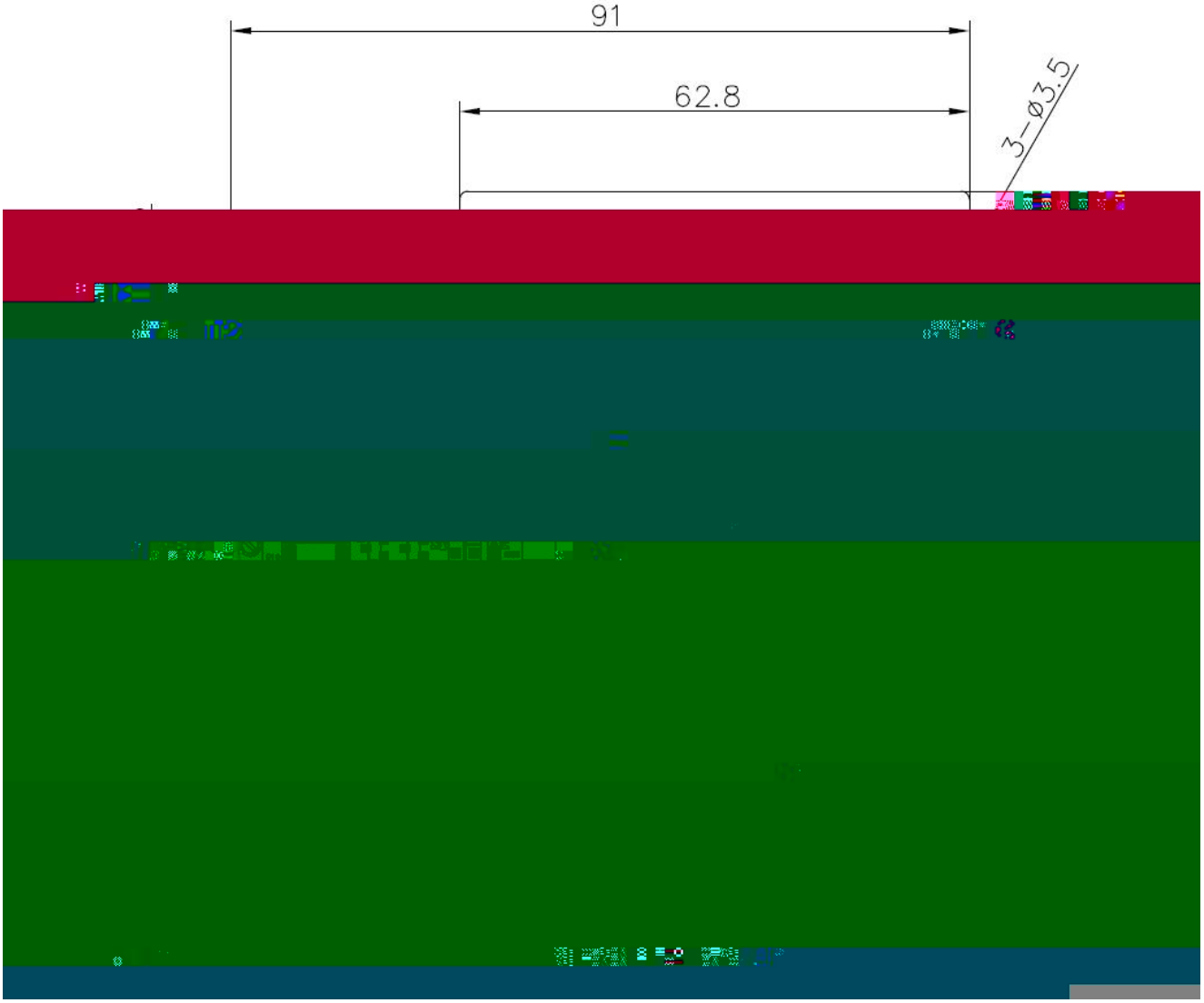

1.0~1.5kΩ 0.5W
VCC
0V
A
A
B
B
Z
Z
+15V
GND
A+
A-
B+
Z+

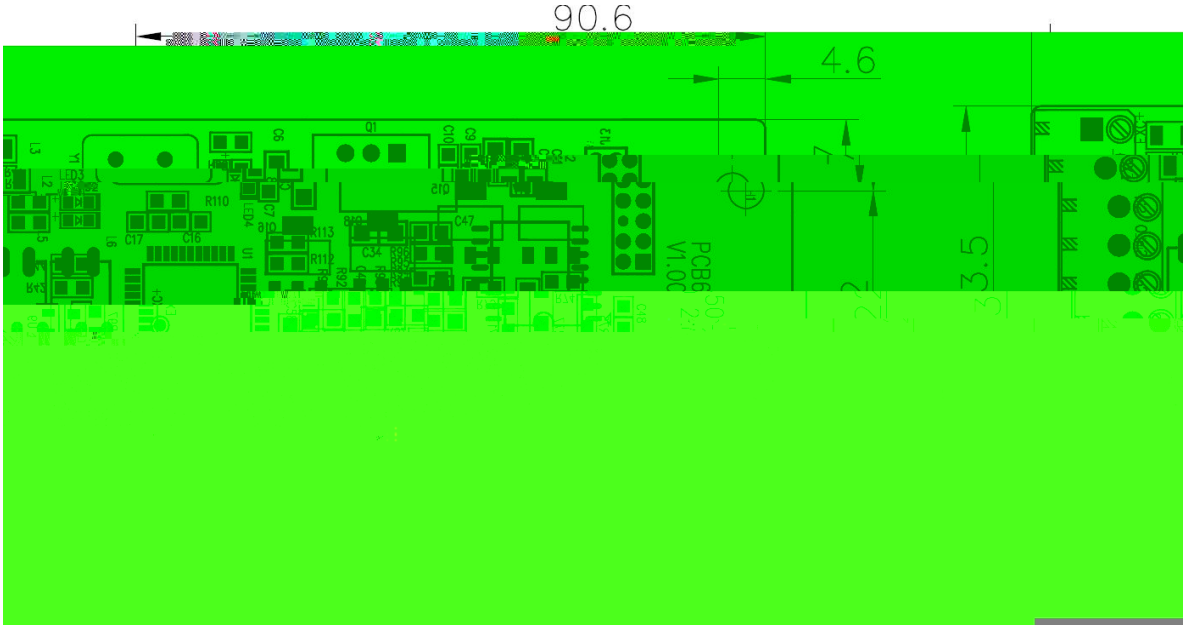

0V
GND
B+
B-
Z+
Z-
B
B
Z
Z
屏蔽线
PE



GUIDE


A
A—变频器接地支架


91
62.8
3-Ø3.5


90.6
4.6
7
3.5
PCB6
V1.00