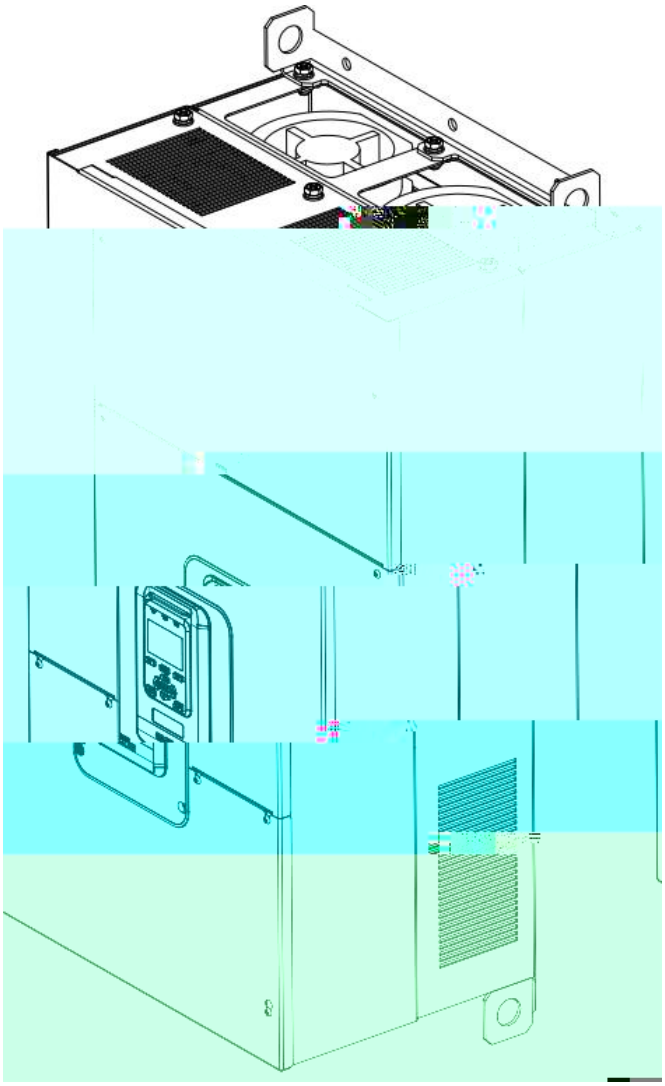
GUIDE



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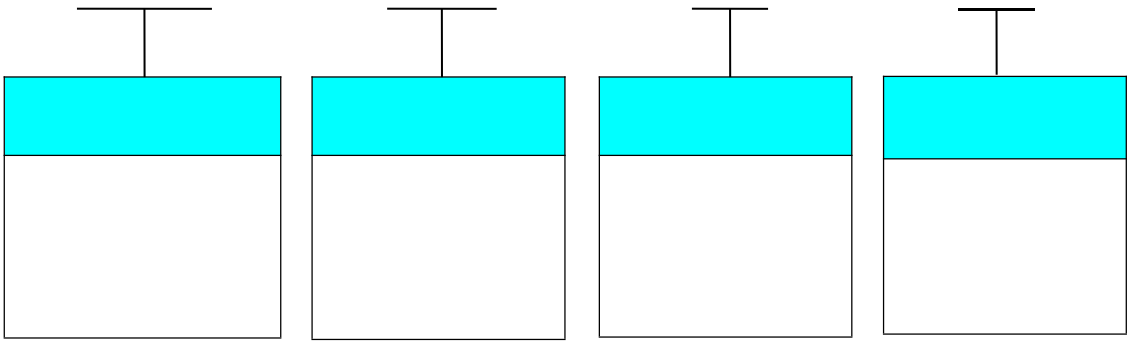

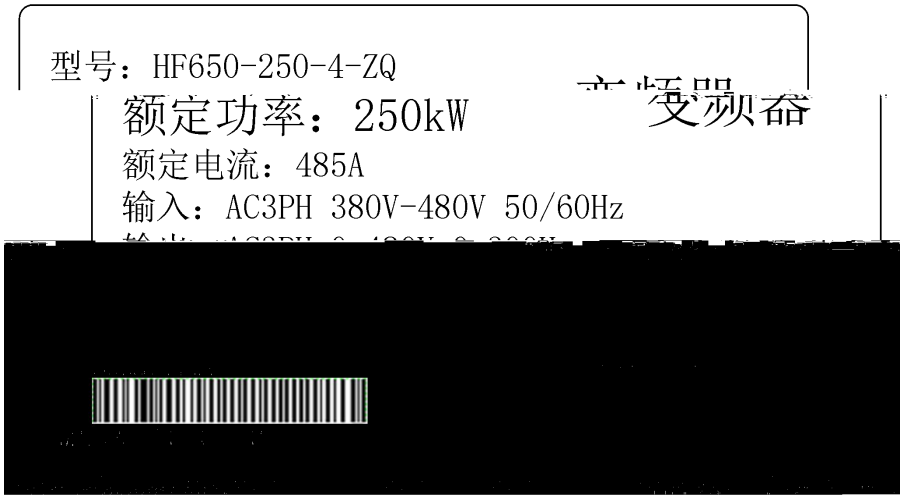
型号：HF650-250-4-ZQ
额定功率：250kW
额定电流：485A
输入：AC3PH 380V-480V 50/60Hz

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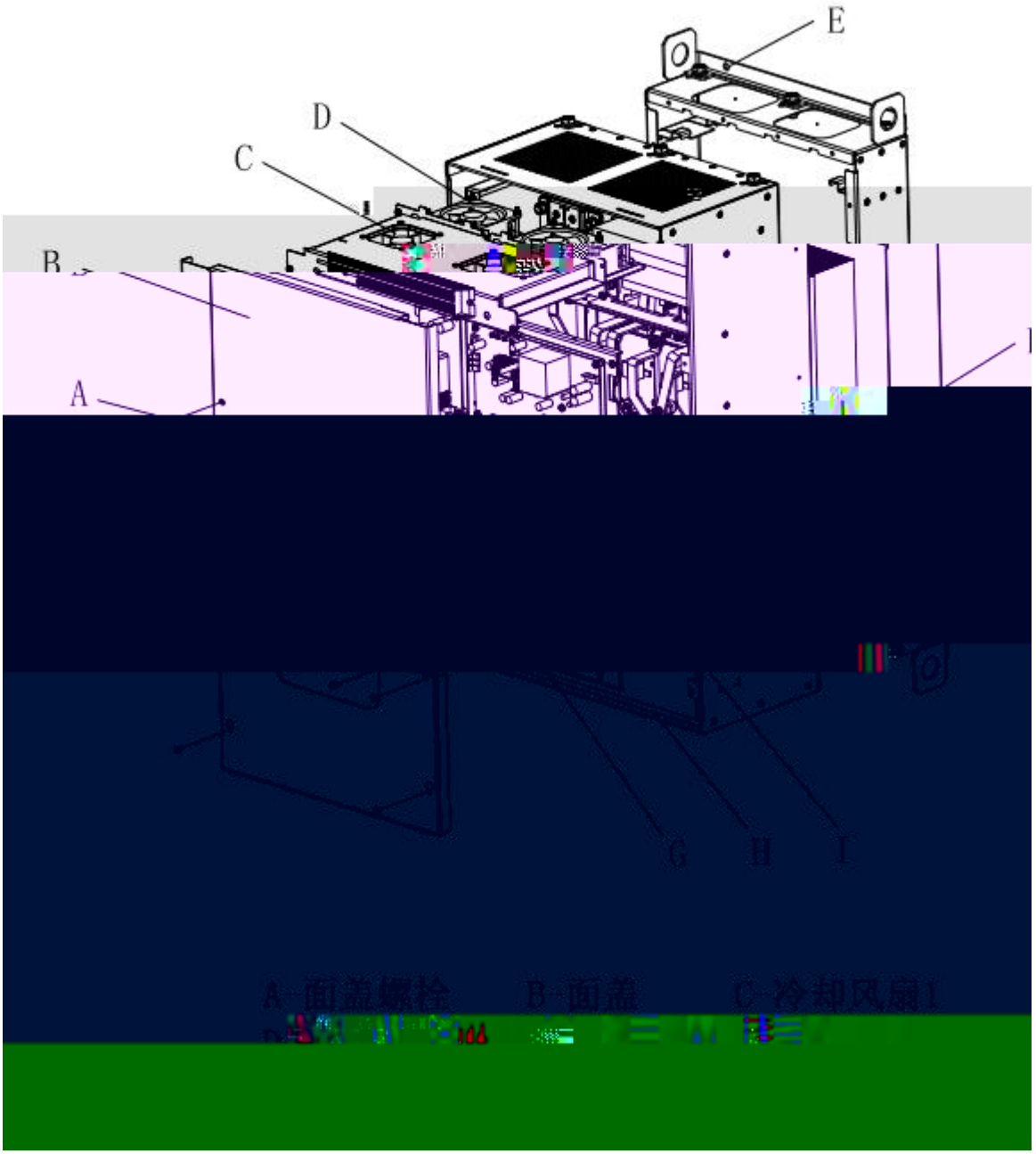
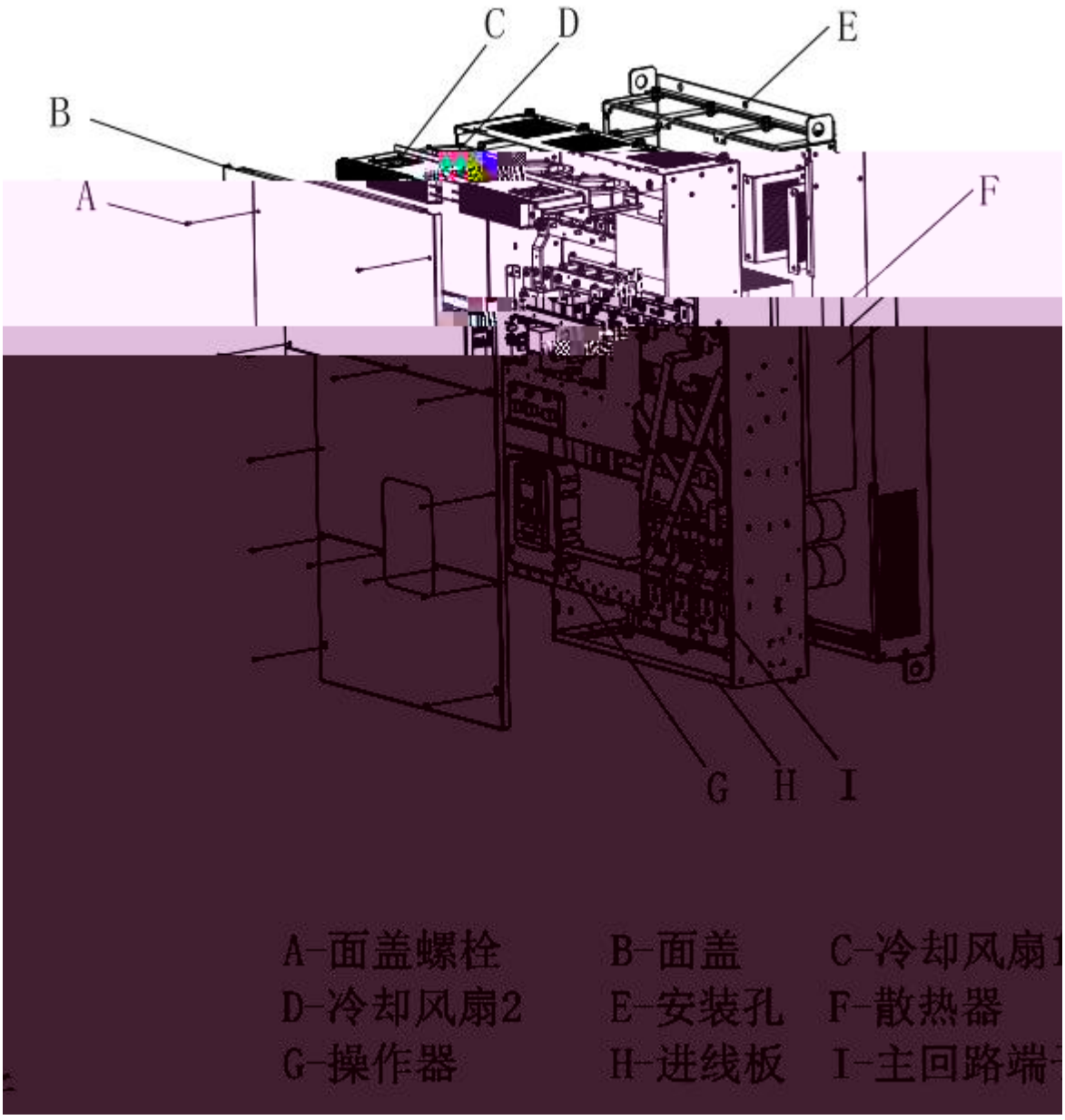
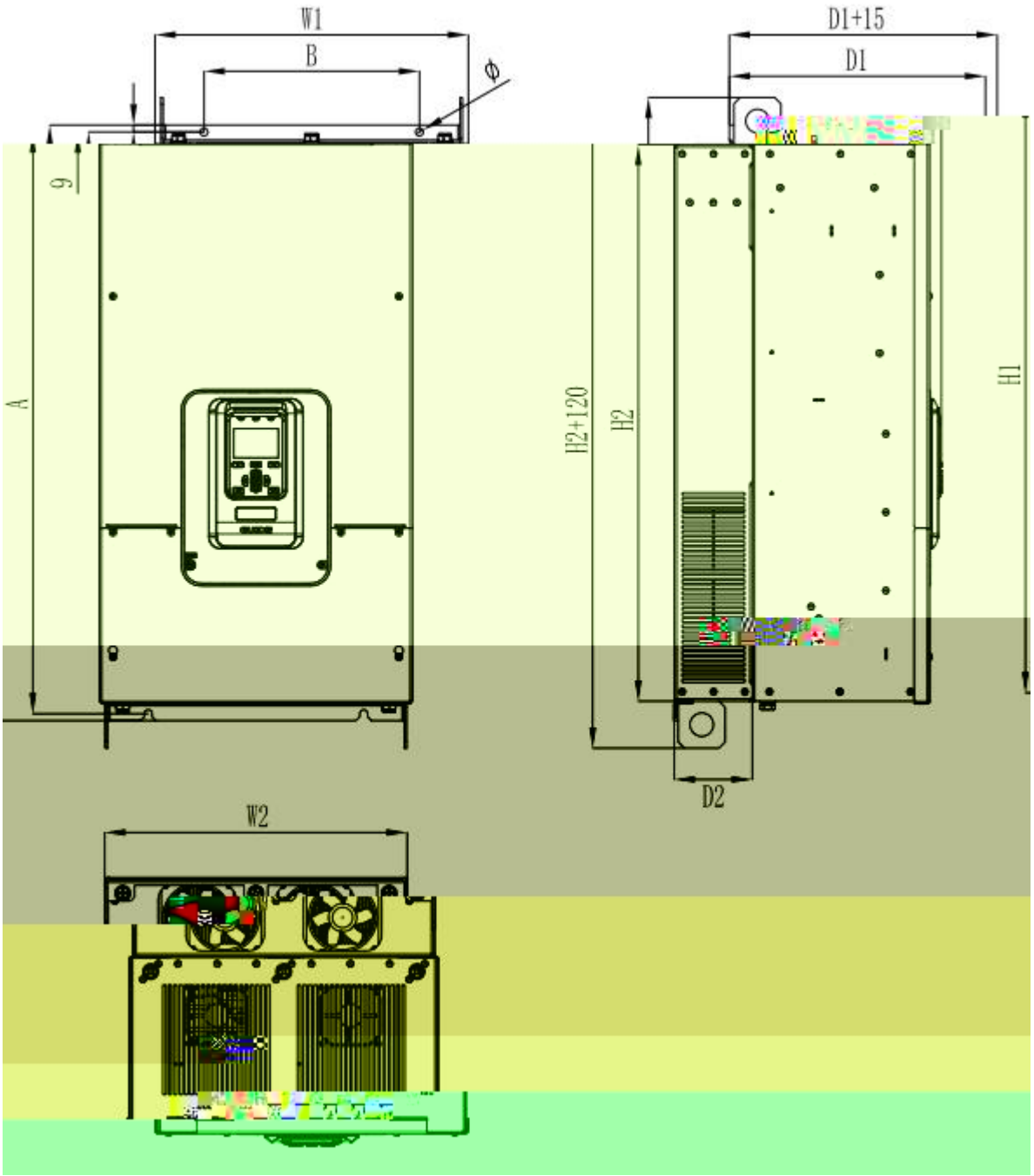
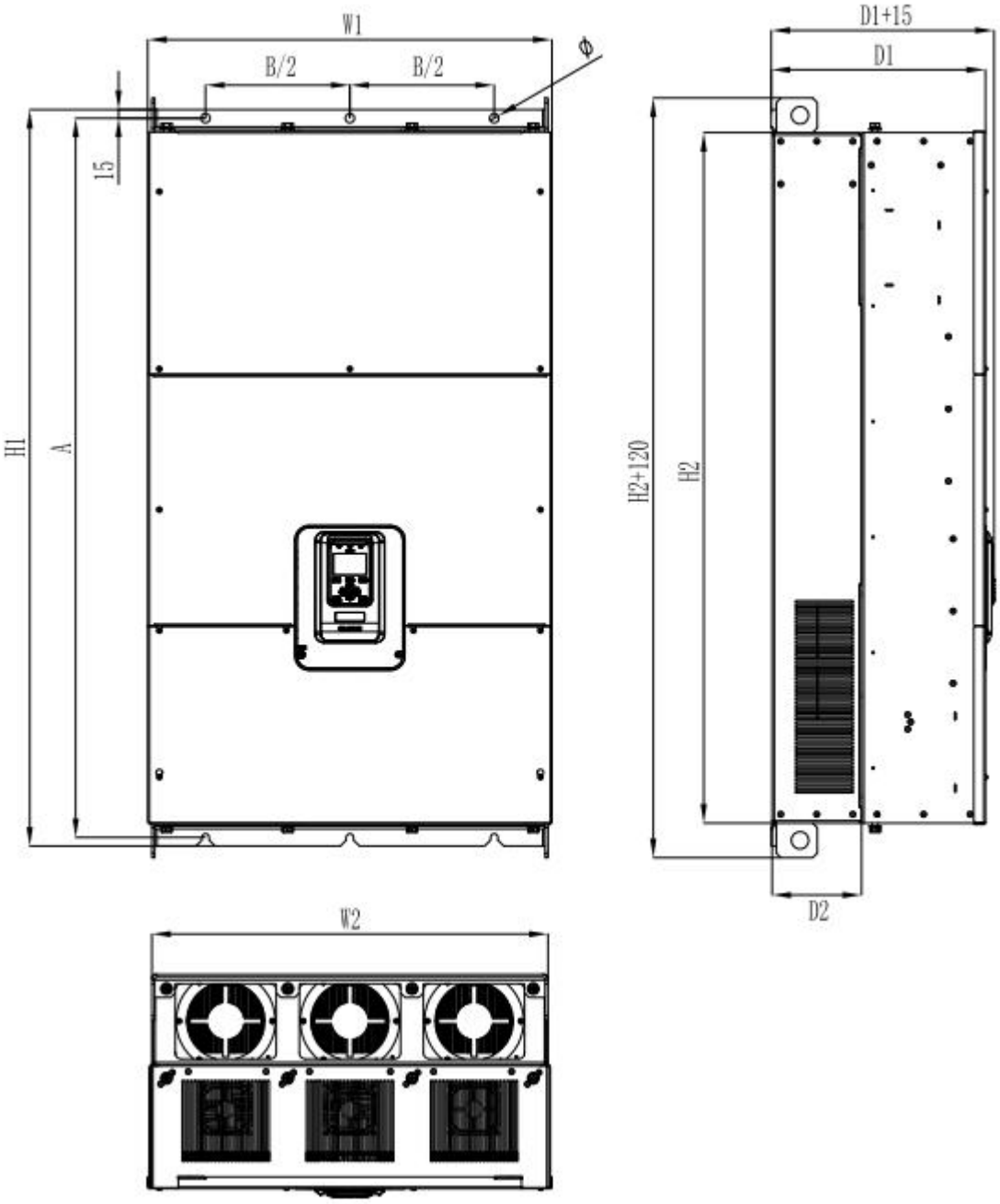

E
D
C
B
A
G
H
I
A-面盖螺栓
B-面盖
C-冷却风扇1


C
D
E
B
A
F
G
H
I
A-面盖螺栓
B-面盖
C-冷却风扇1
D-冷却风扇2
E-安装孔
F-散热器
G-操作器
H-进线板
I-主回路端


W1
B
Φ
9
A
D1+15
D1
H2+120
H2
H1
D2
W2


W1
B/2
B/2
Φ
15
H1
A
D1+15
D1
H2+120
H2
D2
W2

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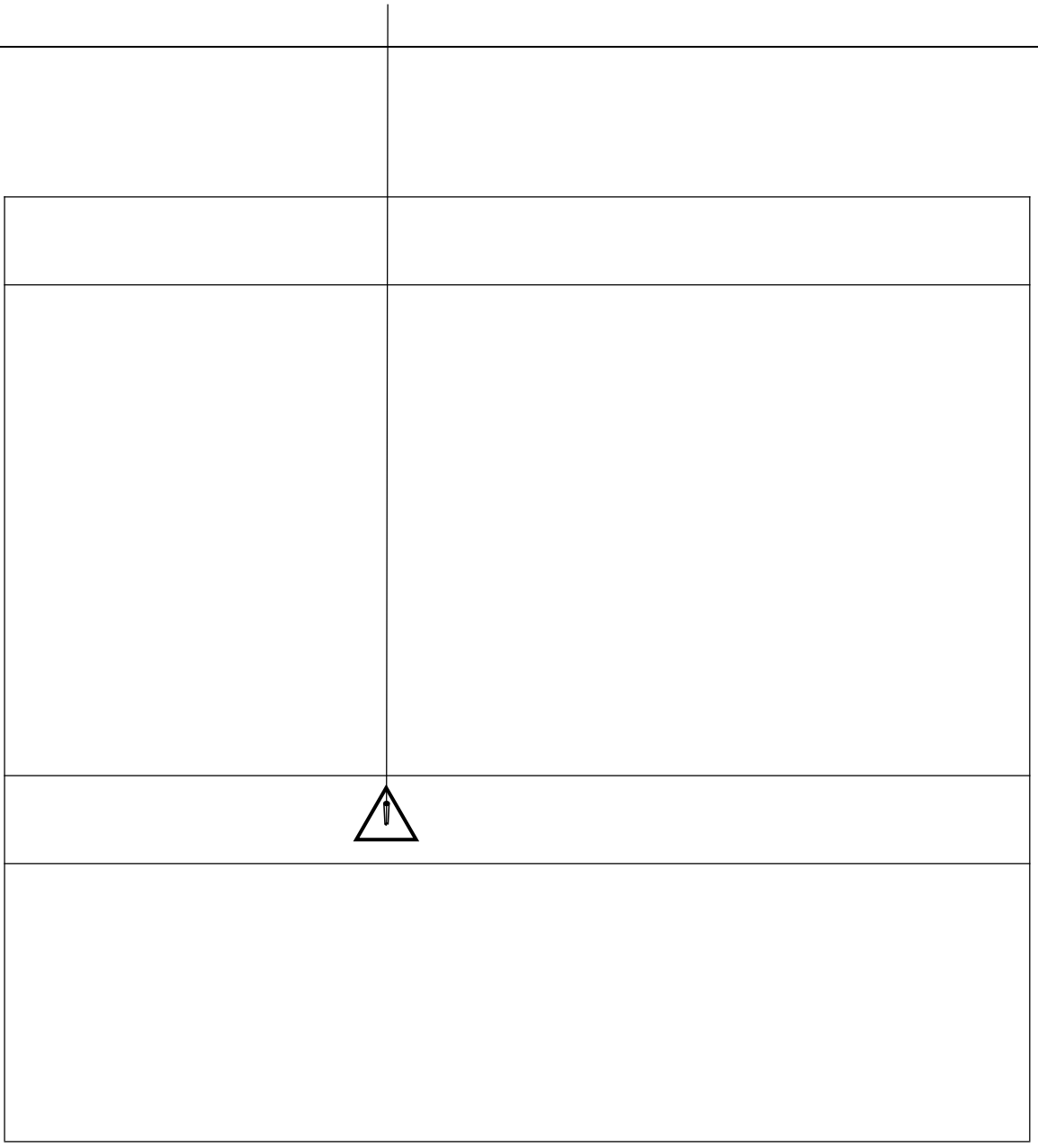

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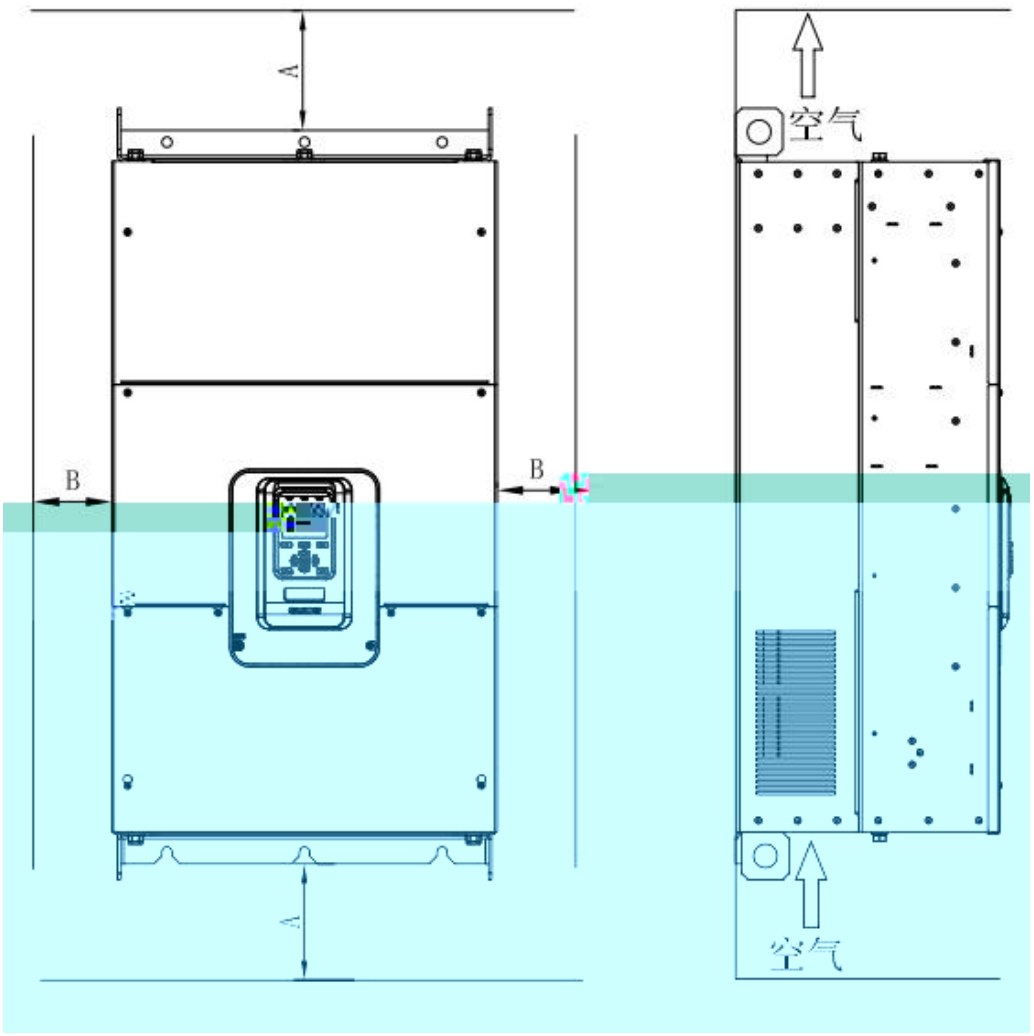
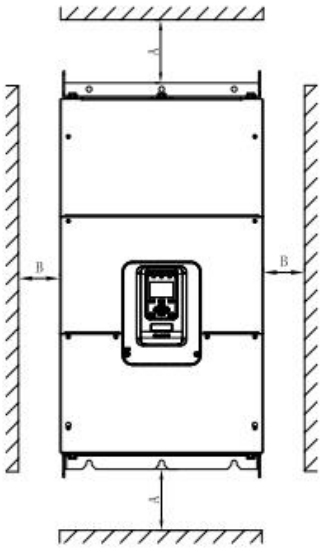

A
B
B
A
空气
空气

37kW~400kW

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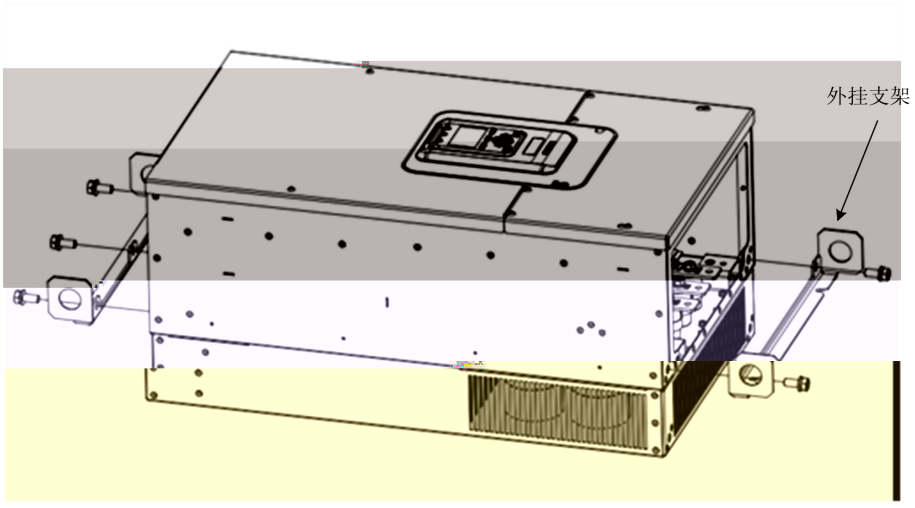
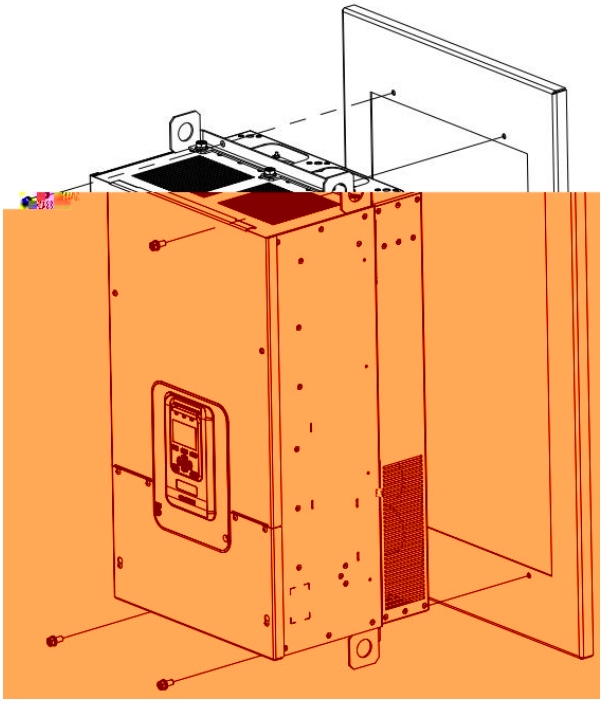
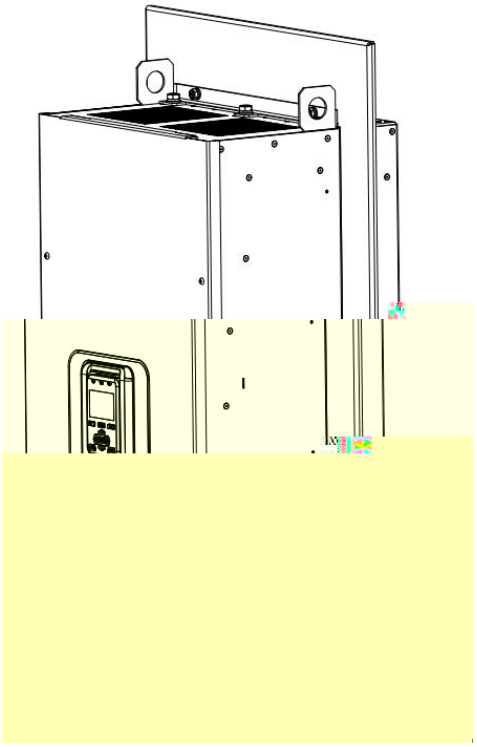
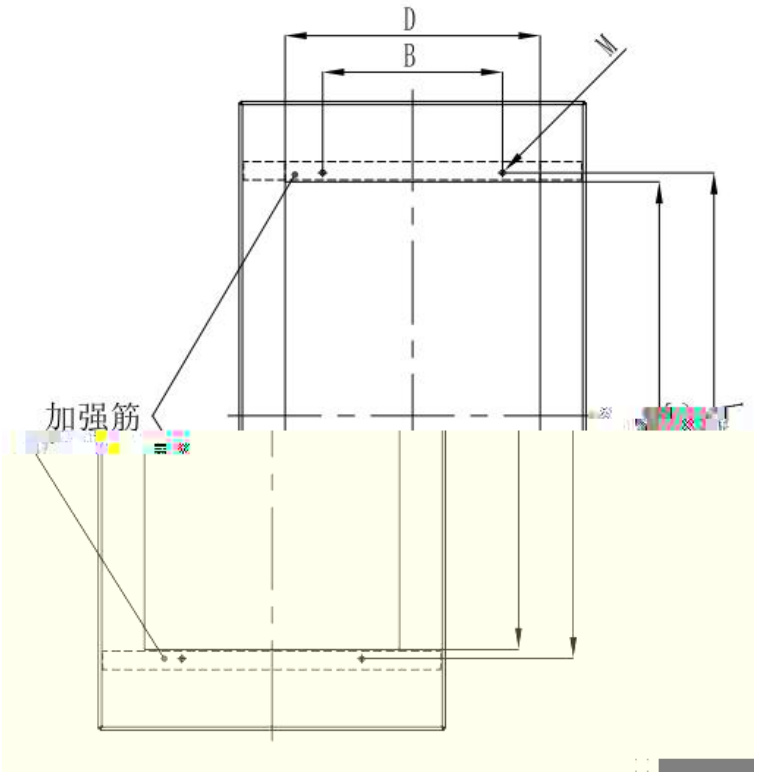
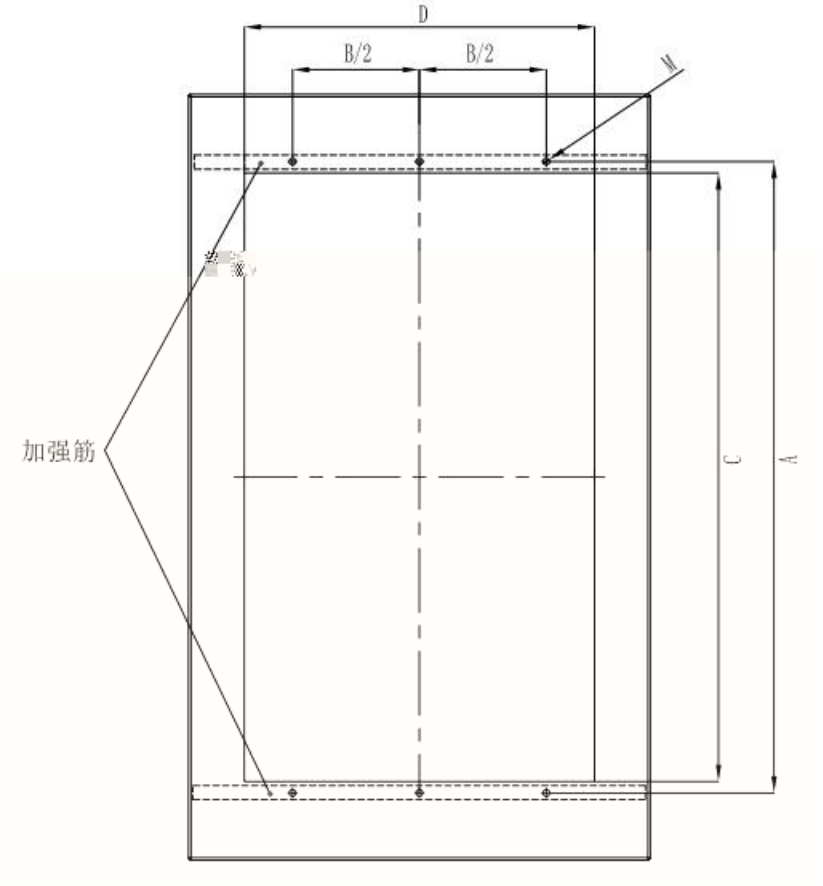







D
B
加强筋


D
B/2
B/2
加强筋
C
A

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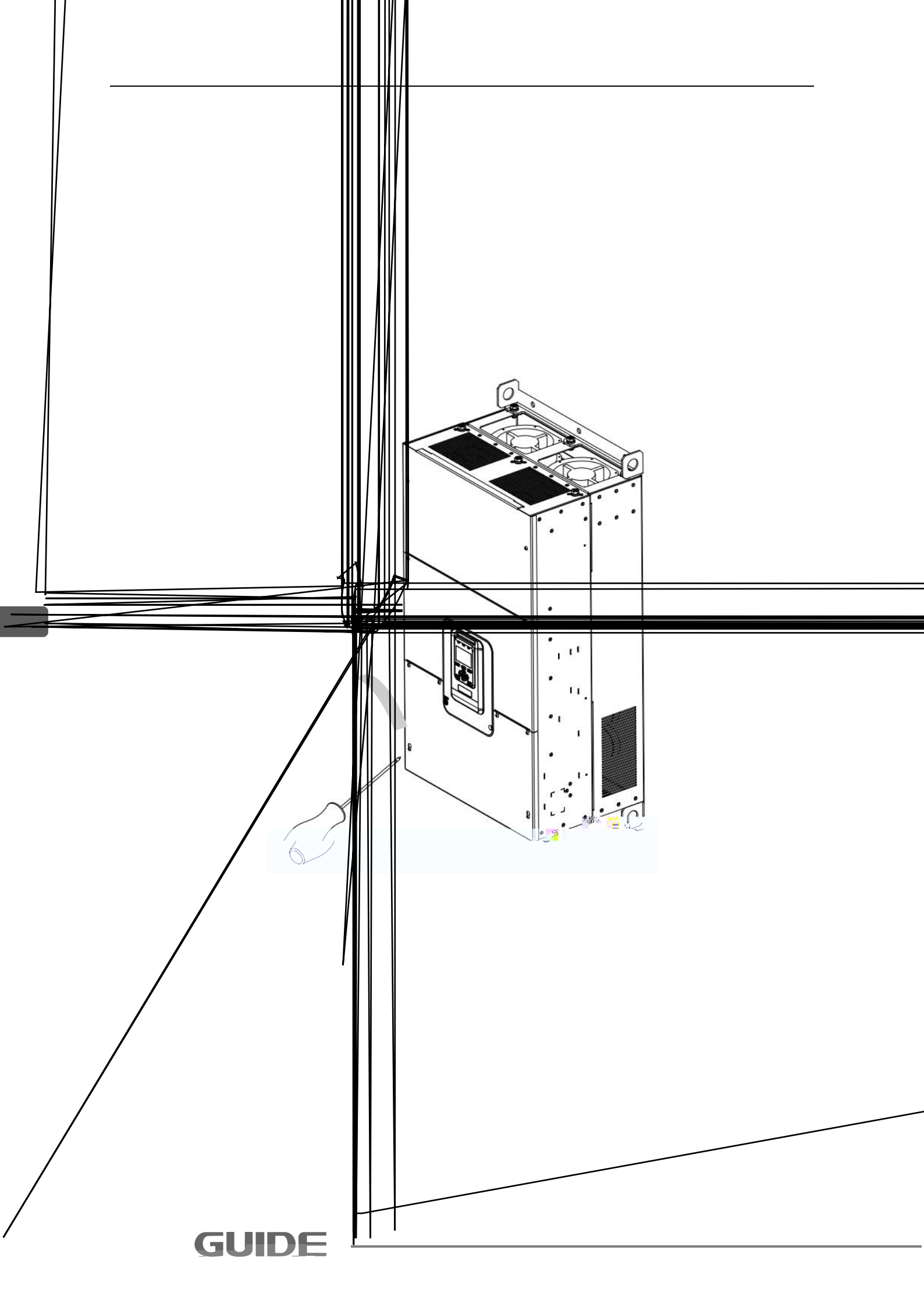
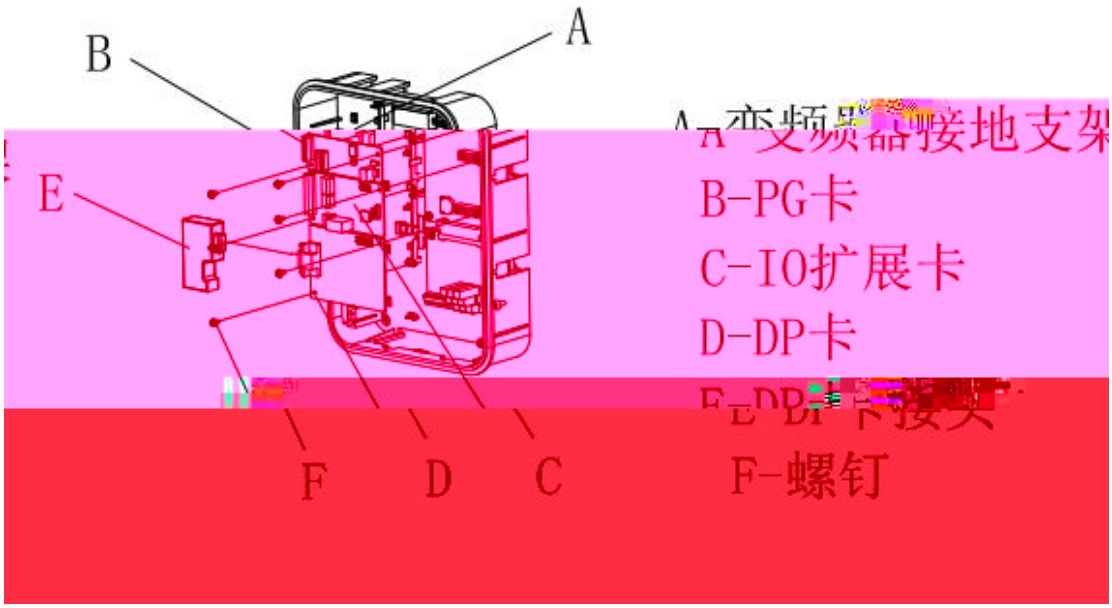
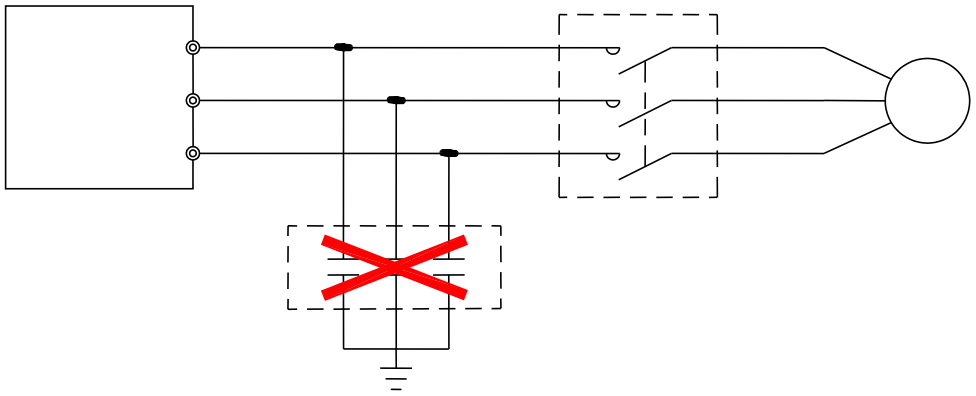
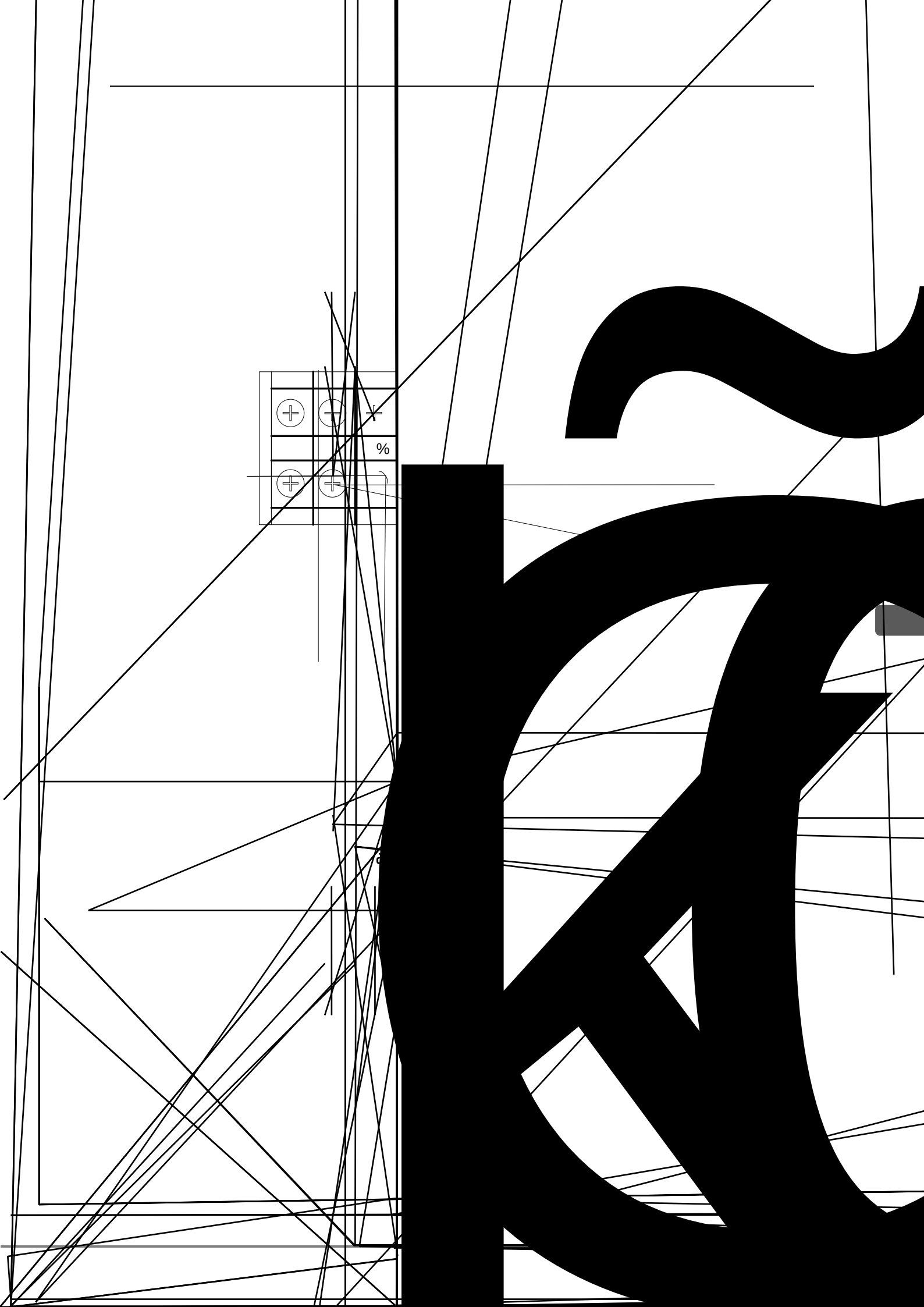
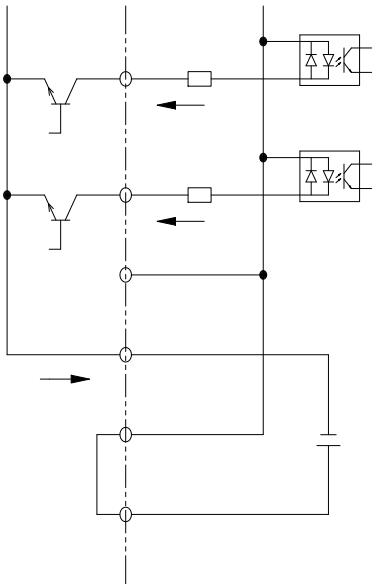
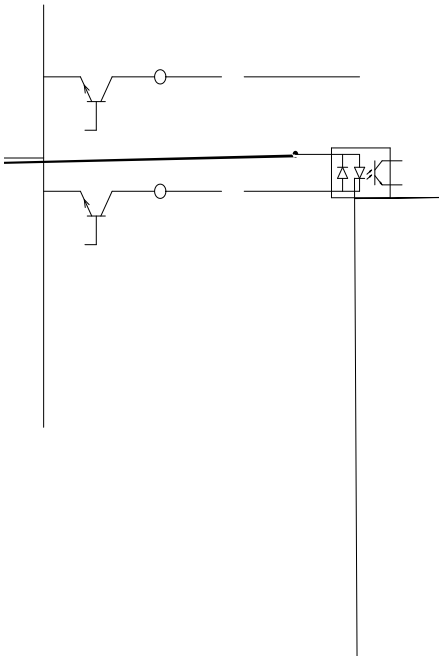


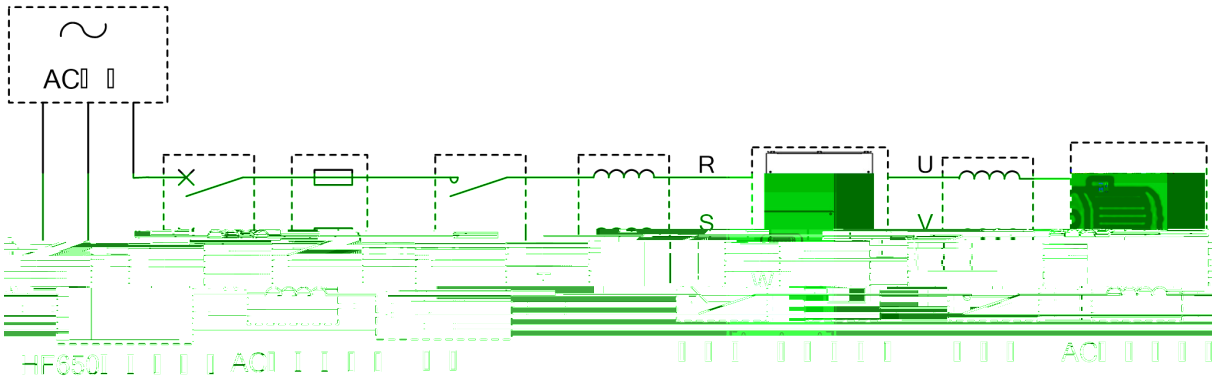

A
B
E
F
D
C
A-变频器接地支架
B-PG卡
C-IO扩展卡
D-DP卡
F-螺钉










R
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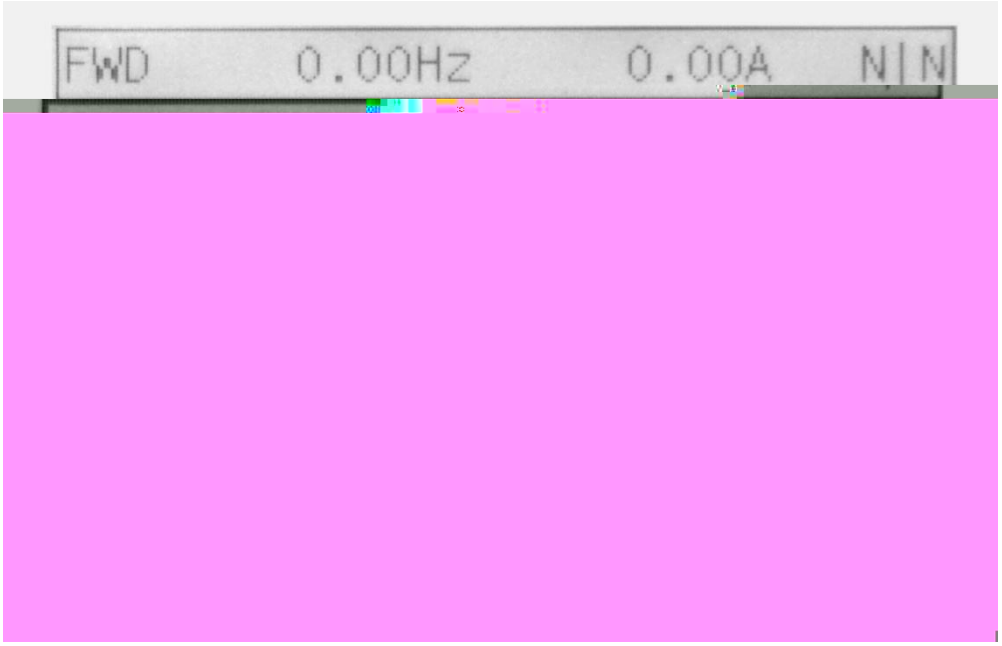
RUN
LOCAL
FAULT
F1
LOC/REM
F2
ENTER
RUN
STOP


FWD
0.00Hz
0.00A
N|N

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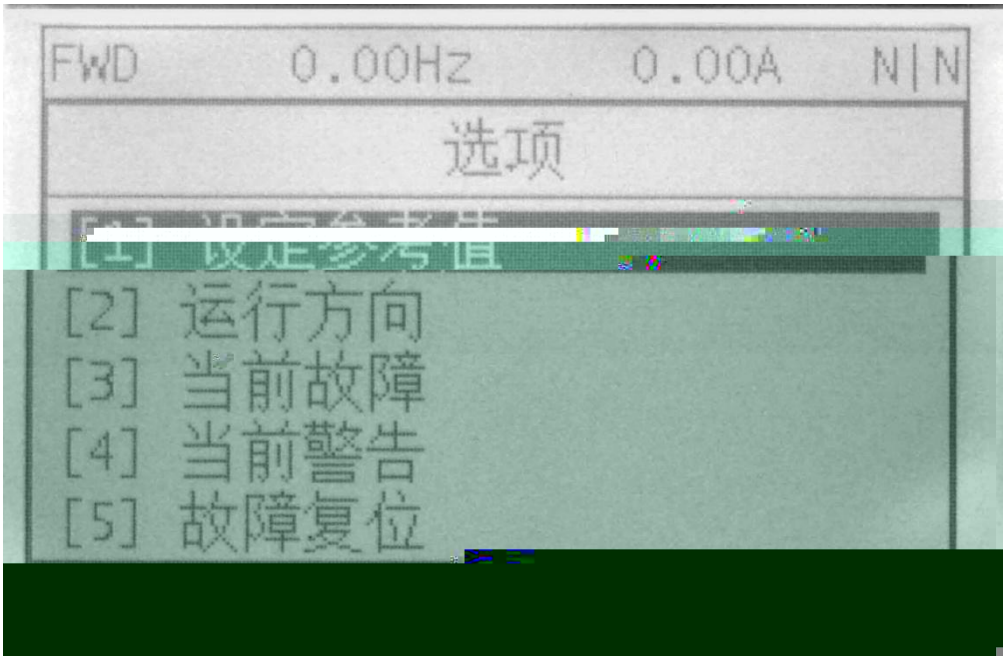
FWD
0.00Hz
0.00A
N|N
选项
[2] 运行方向
[3] 当前故障
[4] 当前警告
[5] 故障复位

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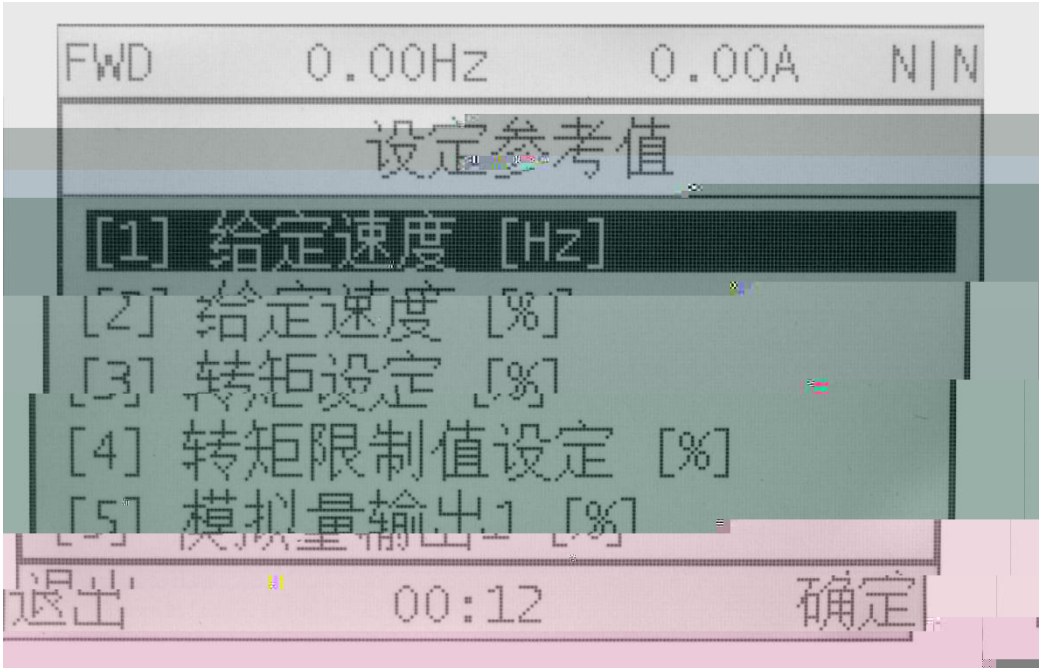
FWD
0.00Hz
0.00A
N|N
设定参考值
[1] 给定速度 [Hz]
[2] 给定速度 [%]
[3] 转矩设定 [%]
[4] 转矩限制值设定 [%]
[5] 模拟量输出1 [%]
退出
00:12
确定

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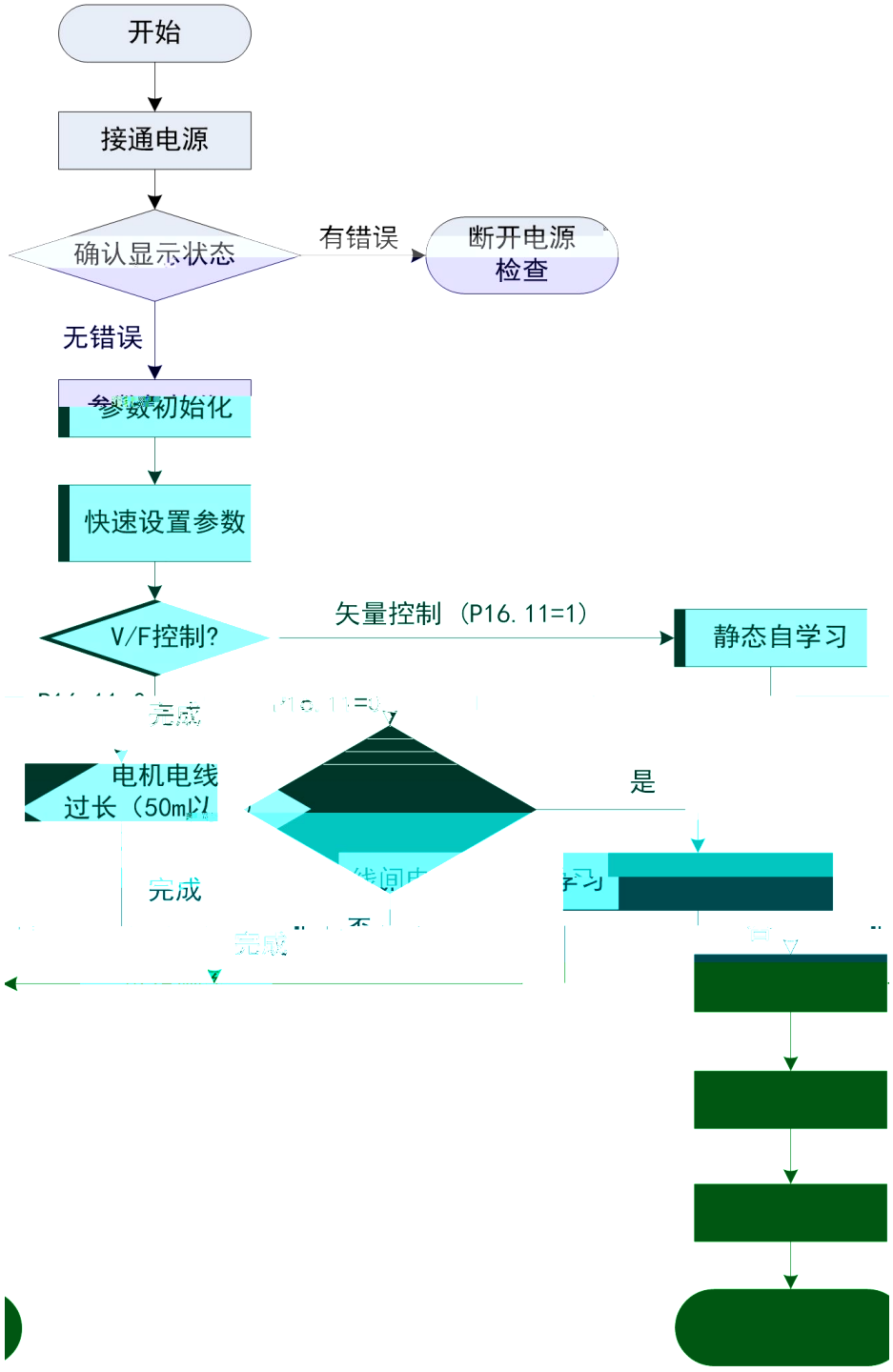
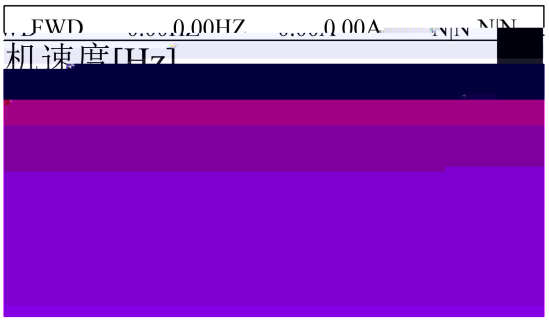
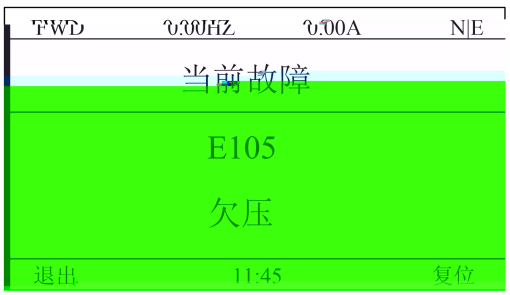

开始
接通电源
确认显示状态
有错误
断开电源
检查
无错误
参数初始化
快速设置参数
V/F控制?
矢量控制（P16. 11=1）
静态自学习
完成
电机电线
过长（50m以
是
完成
完成




FWD
N|E
当前故障
E105
欠压
退出
11:45
复位

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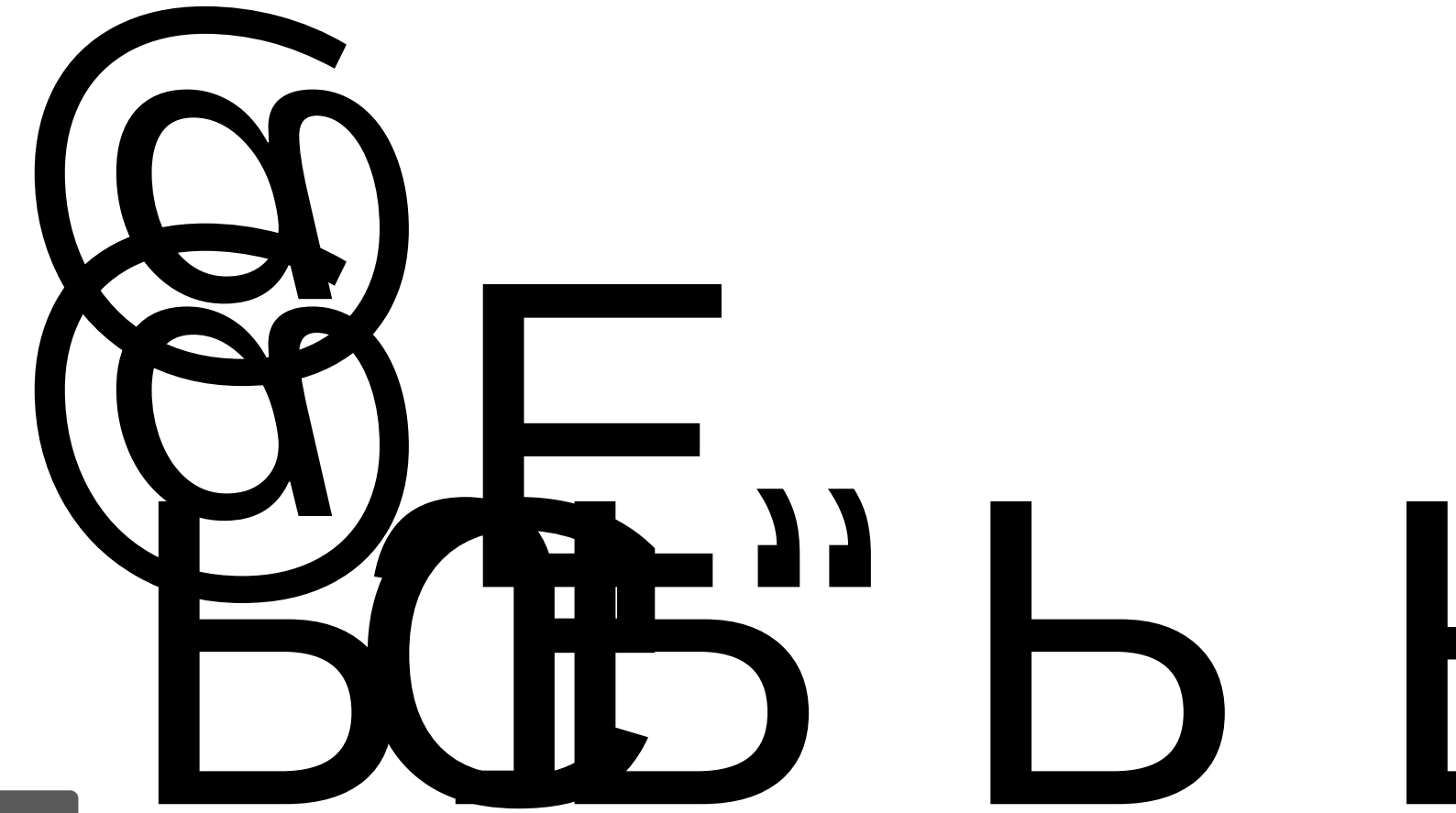

GUIDE

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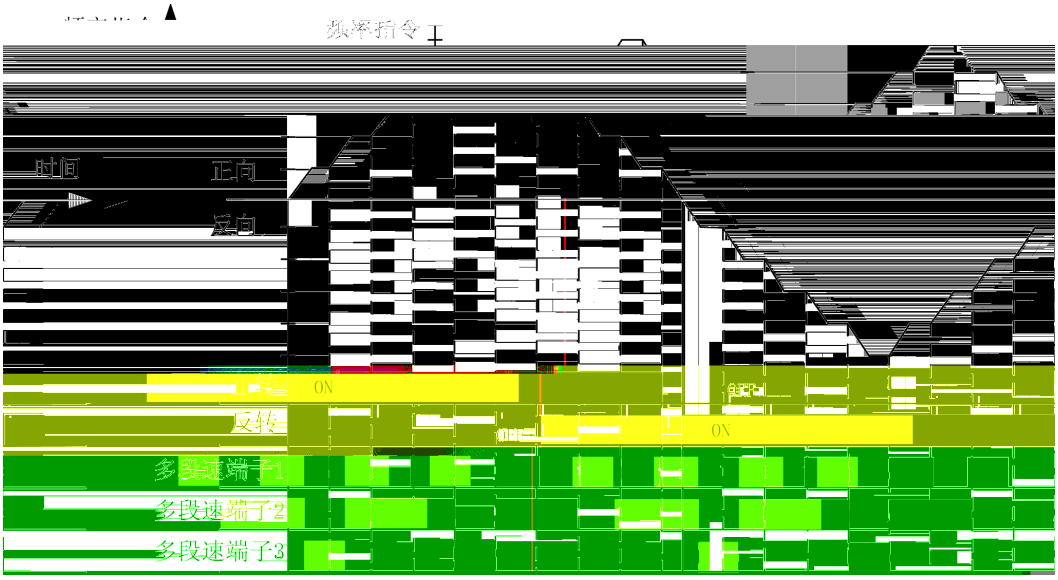
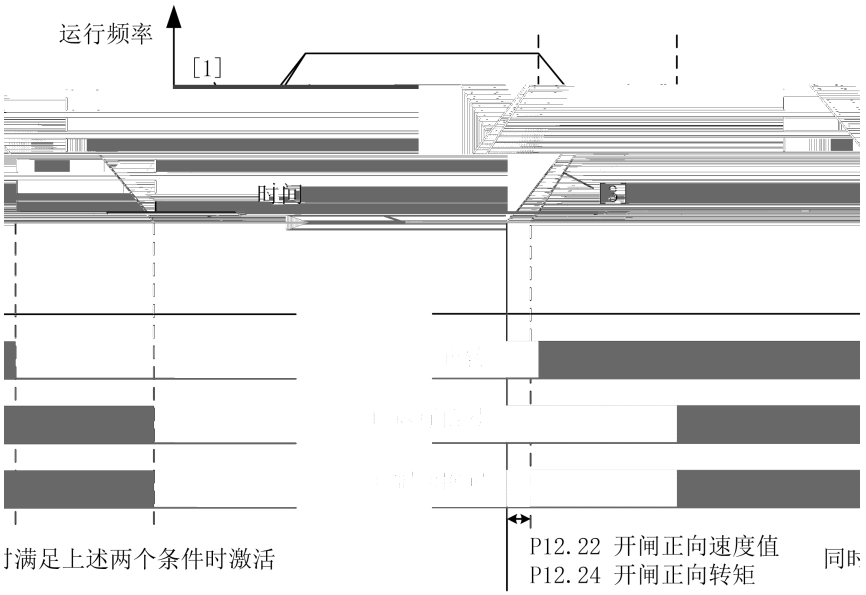
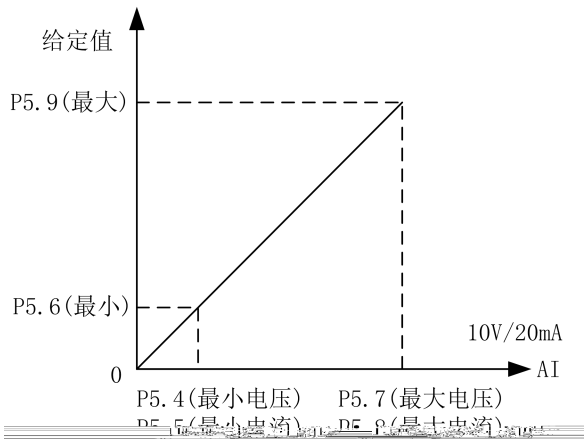
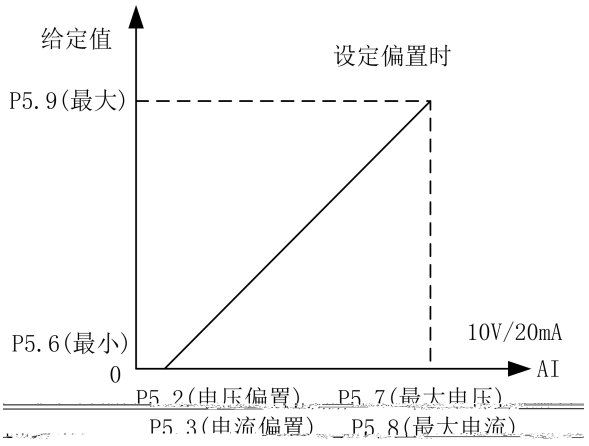
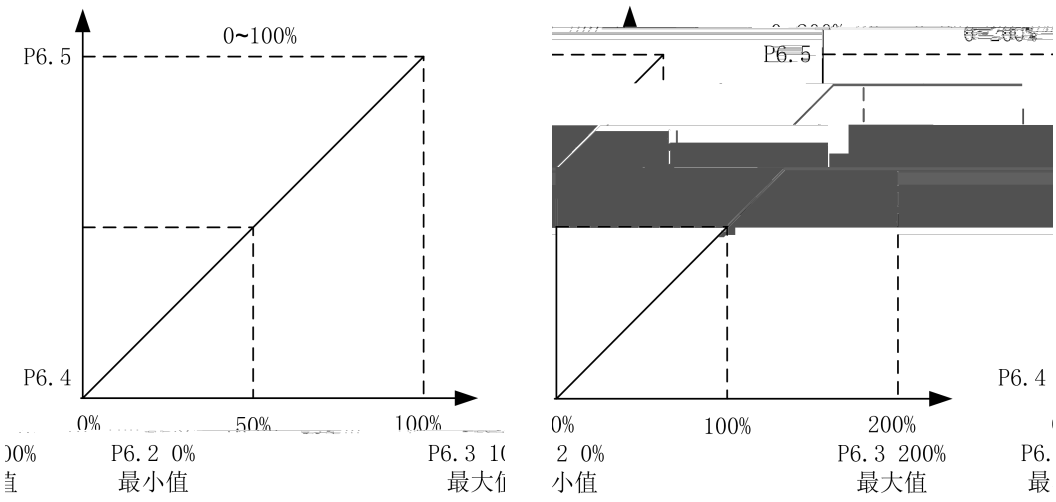
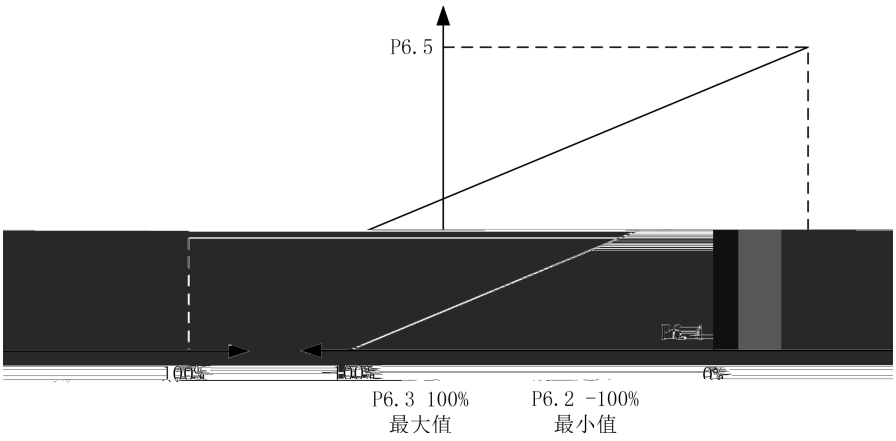

频率指令
时间
正向
反向
ON
反转
ON
多段速端子1
多段速端子2
多段速端子3


运行频率
[1]
时间
P12.22 开闸正向速度值
P12.24 开闸正向转矩


给定值
P5.9(最大)
P5.6(最小)
0
10V/20mA
AI
P5.4(最小电压)
P5.7(最大电压)

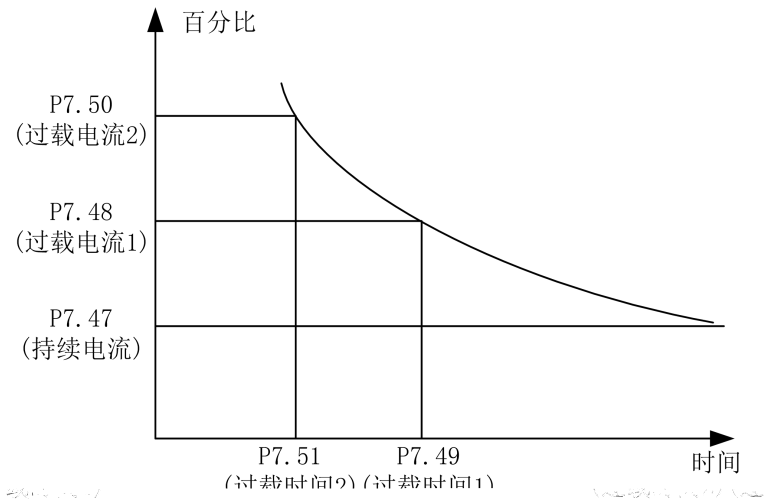

给定值
设定偏置时
P5.9(最大)
P5.6(最小)
0
10V/20mA
AI


0~100%
P6.5
P6.4
0%
50%
100%
P6.2 0%
最小值
P6.3 1(
最大值
P6.5
P6.4
0%
100%
200%
2 0%
小值
P6.3 200%
最大值
P6.
最

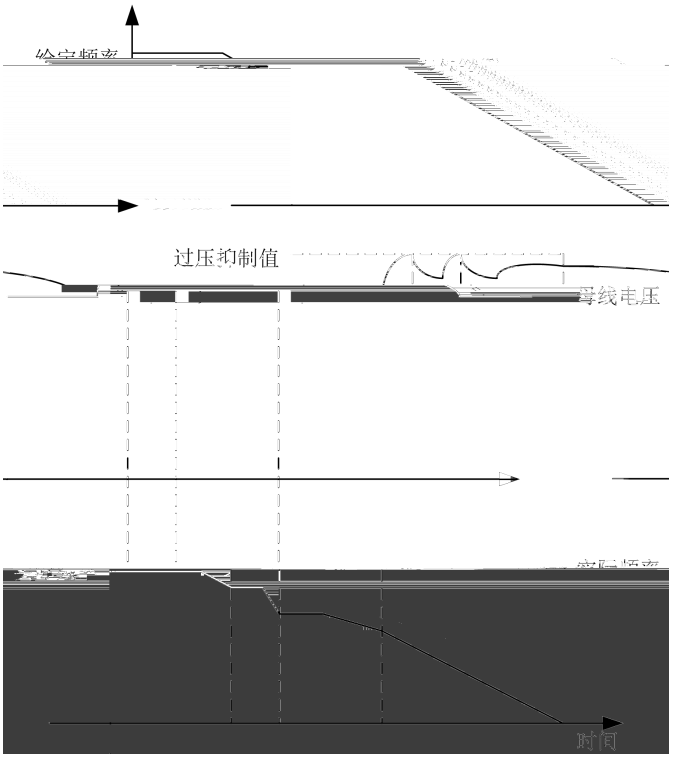

P6.5
P6.3 100%
最大值
P6.2 -100%
最小值

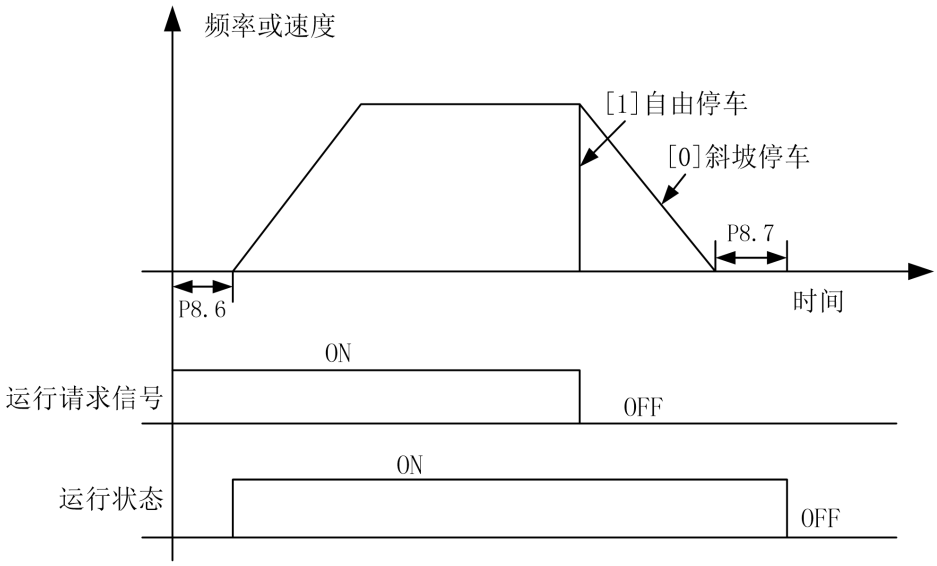
$$I_a + I_b + I_c$$

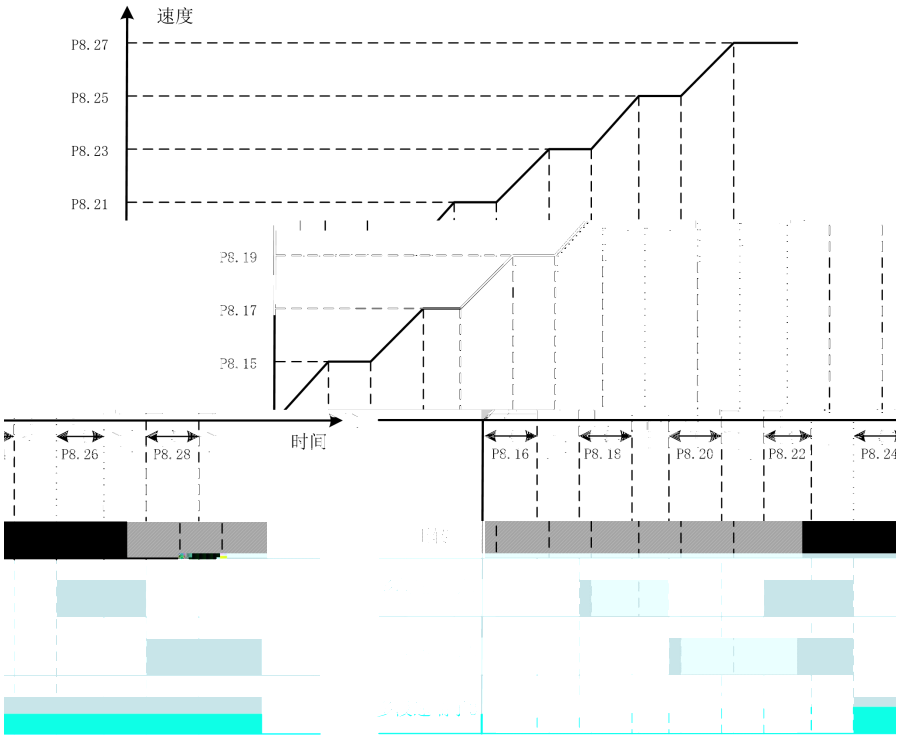
$$\frac{I_a + I_b + I_c}{} > P \qquad P$$


百分比
P7.50
(过载电流2)
P7.48
(过载电流1)
P7.47
(持续电流)
P7.51
(过载时间2)
P7.49
(过载时间1)
时间

√ + +


过压约制值
导线电压
时间


频率或速度
[1]自由停车
[0]斜坡停车
P8.7
P8.6
时间
ON
运行请求信号
OFF
ON
运行状态
OFF


速度
P8.27
P8.25
P8.23
P8.21
P8.19
P8.17
P8.15
时间
P8.26
P8.28
P8.16
P8.18
P8.20
P8.22
P8.24

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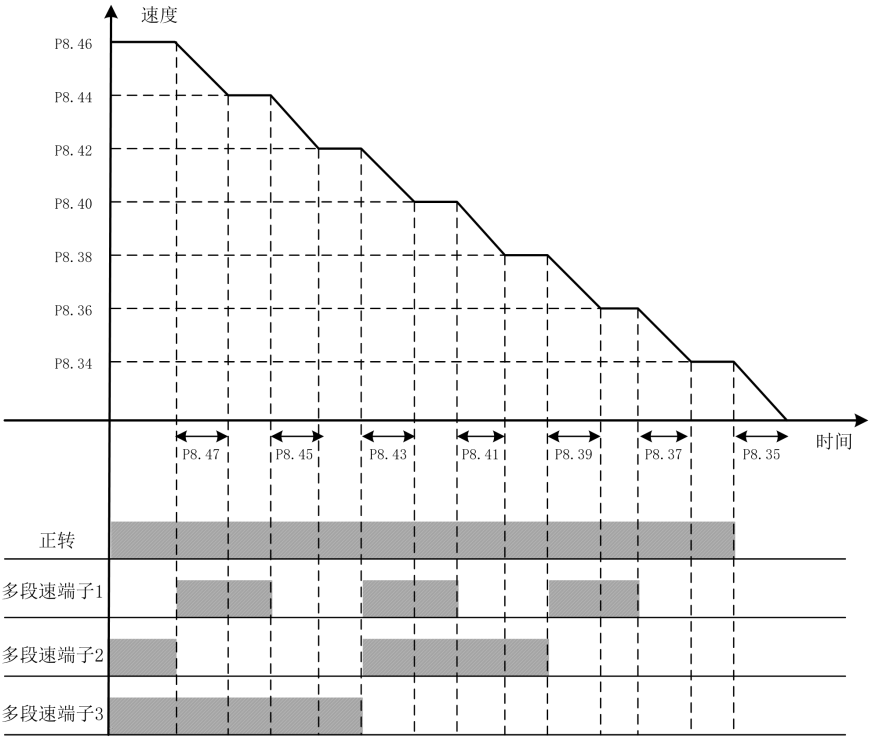
速度
P8.46
P8.44
P8.42
P8.40
P8.38
P8.36
P8.34
时间
P8.47
P8.45
P8.43
P8.41
P8.39
P8.37
P8.35
正转
多段速端子1
多段速端子2
多段速端子3

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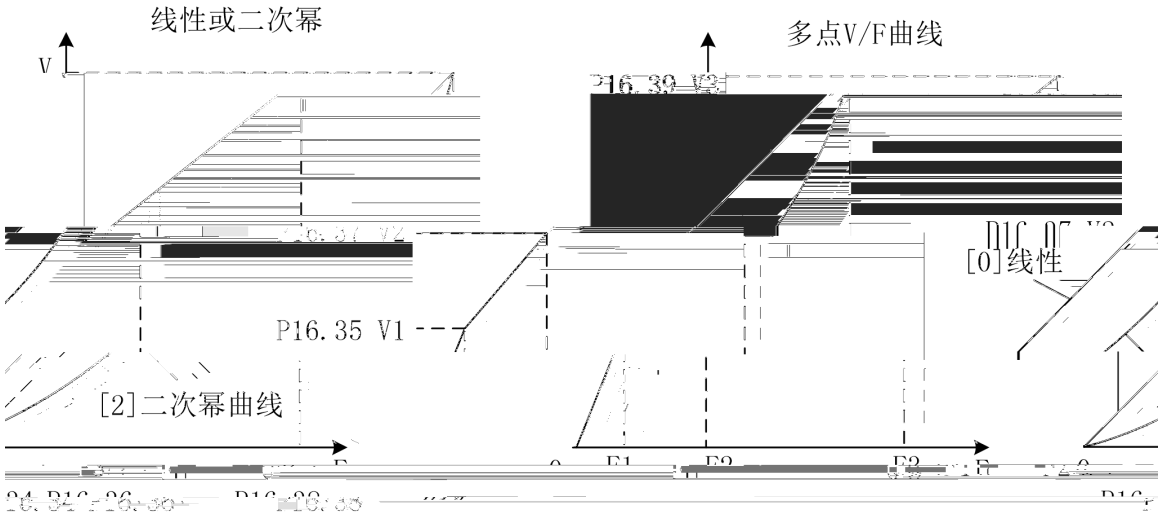
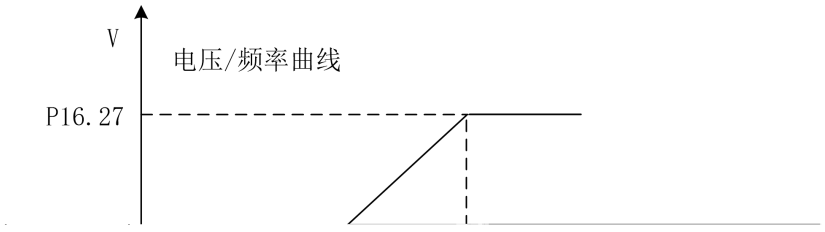
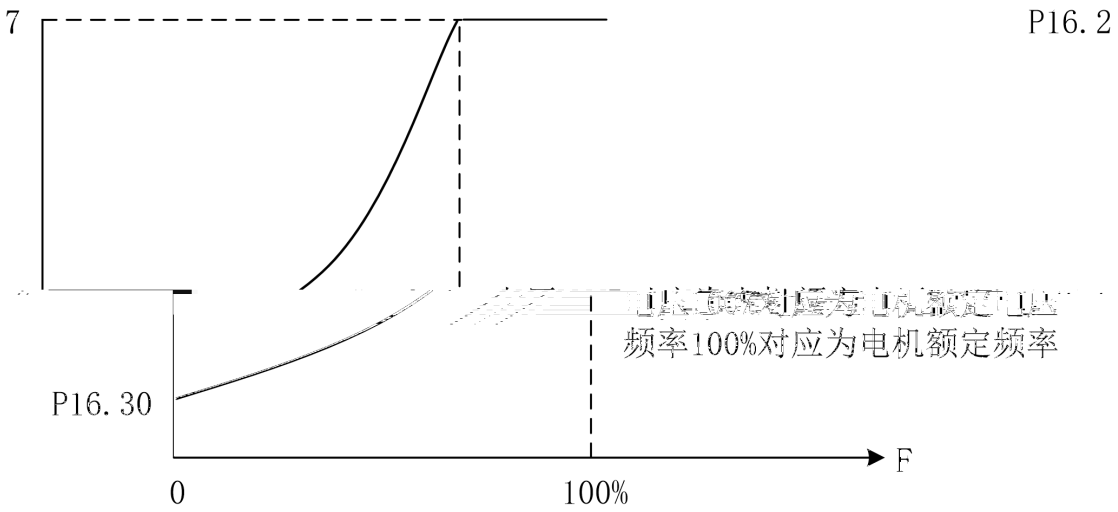
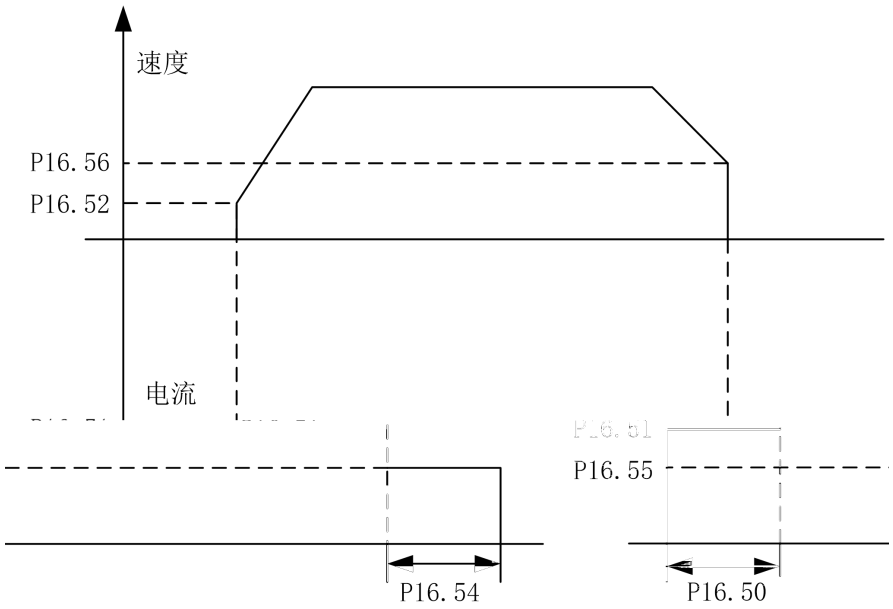

线性或二次幂
V
P16.35 V1
[2]二次幂曲线
多点V/F曲线
[0]线性

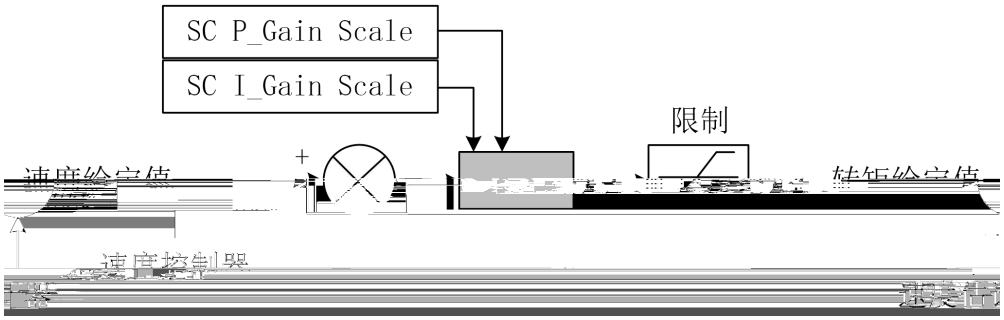

V
电压/频率曲线
P16.27

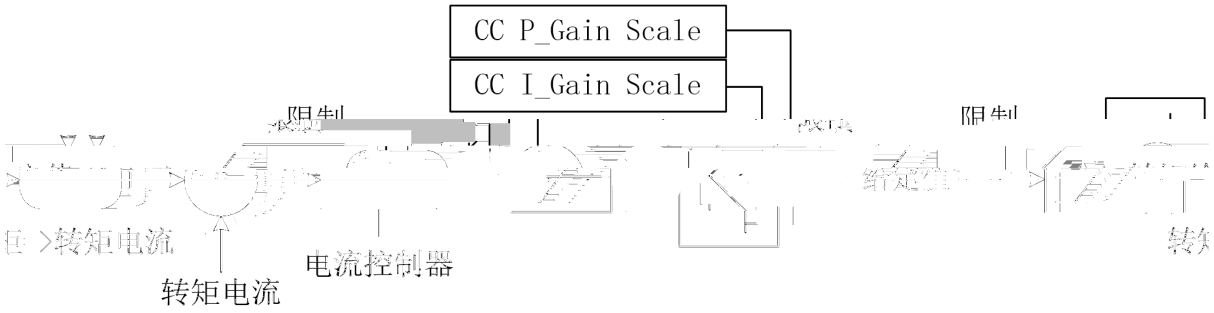
▲ 二次幂V/F曲线启动时补偿电压

P16.14=2时有效




SC P_Gain Scale
SC I_Gain Scale
限制
+
速度给定值
速度控制器


CC P_Gain Scale
CC I_Gain Scale
限制
限制
>转矩电流
转矩电流
电流控制器

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