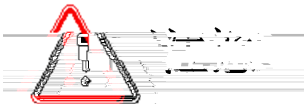
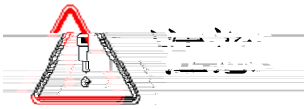
HF630N01

1.00

危险	
注意	
警告	

危险





危险

危险

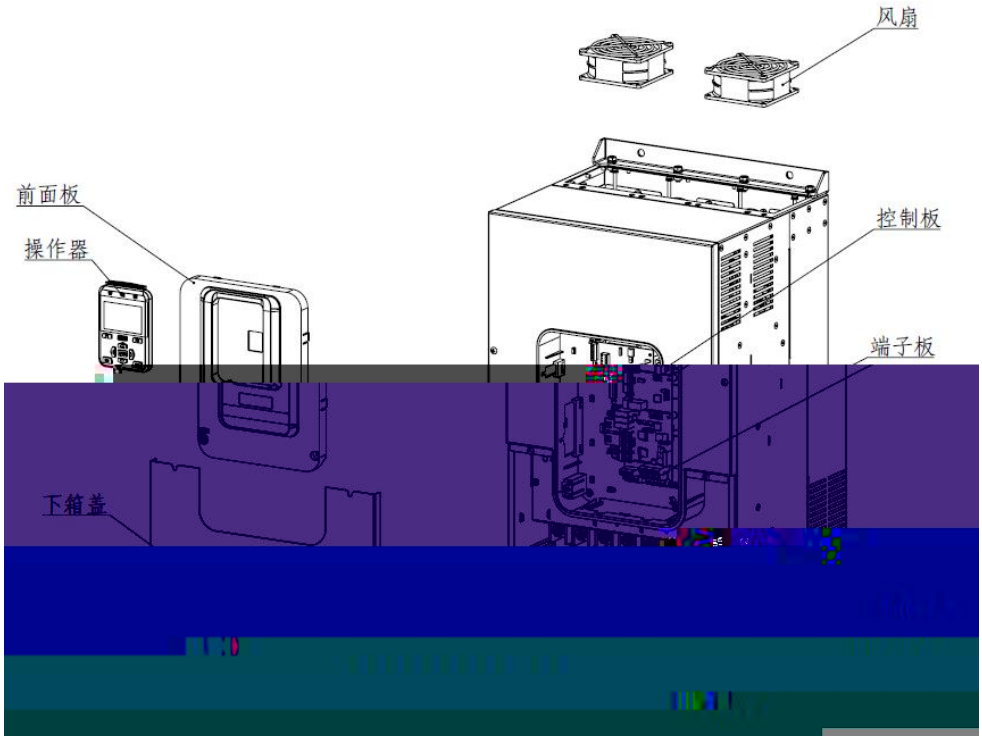
危险

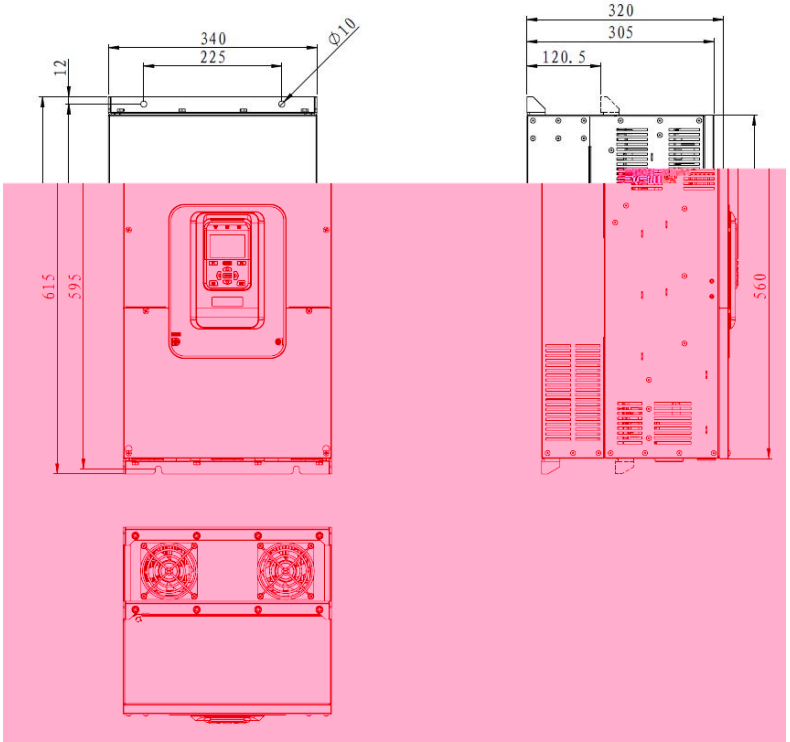
. 1
. 1
. 3
. 3
. 4
. 5
. 6
. 6
. 7
. 8
. 8
. 9
. 10
. 10
. 10
. 11
. 11
. 12
. 15
. 22
. 22
. 22
. 31
. 31
. 32
. 33
. 34
. 34
. 35
. 40
. 40
. 40
. 43
. 44
. 46
. 48
. 51
. 55
. 59
. 63
. 67
. 69
. 72
. 74
. 77
. 79

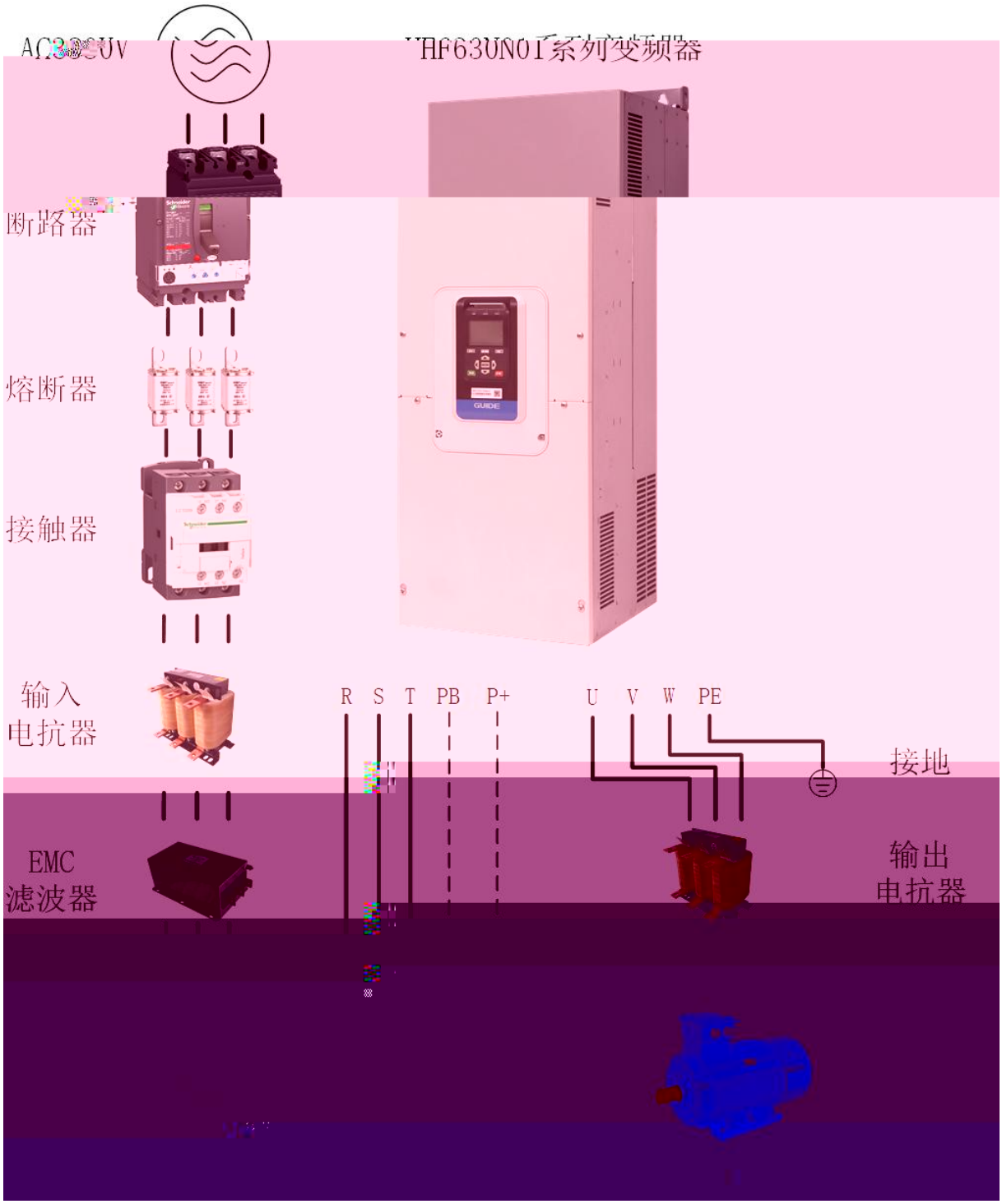
82
85
87
91
96
100
104
112
112
113
123
123
124
125
125
126
129
132
133
137
141
142
153
158
158
159
162
163
163
164
165
165
165
167
167
167
169
171
176
178
179
179
179
180
181
184
184
187

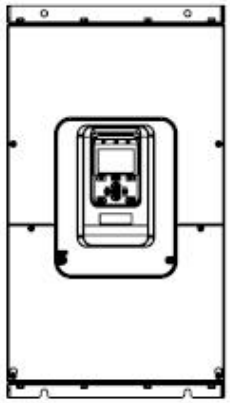
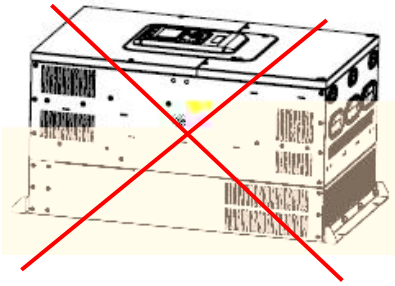
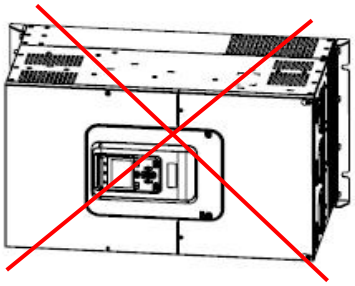
. 187
. 188
. 188
. 195
. 196
. 197
. 197
. 199
. 199
. 200
. 201
. 202
. 203
. 204
. 205
. 207
. 208
. 208
. 210
. 210
. 215
. 215
. 216
. 217
. 218
. 219
. 219
. 222
. 222
. 222
. 224
. 226
. 229
. 230

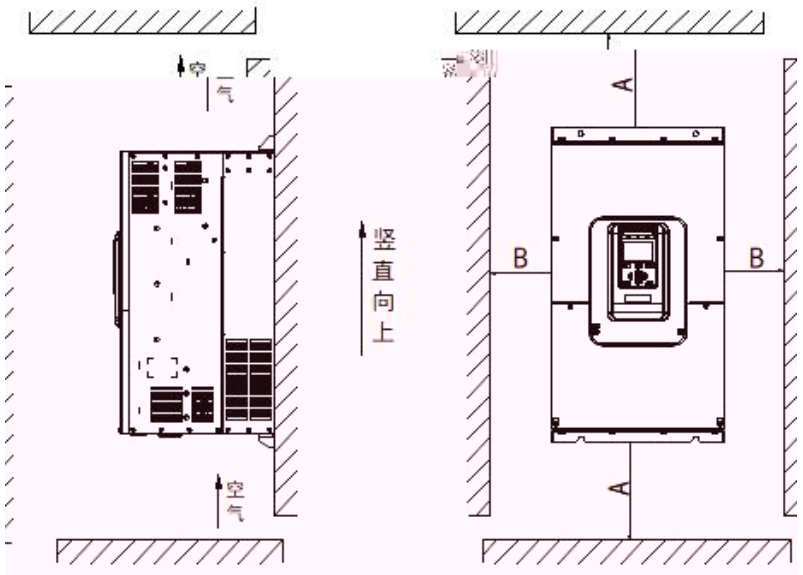
额定电流：115A
输入：AC3PH 380V-4
输出：AC3PH 0-480V
E- STAND:V1.00
MADE IN CHINA
Product ID.
8888888A8A088

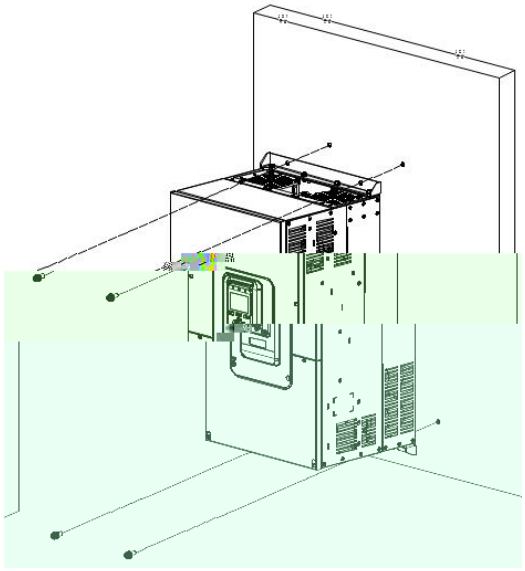

风扇
前面板
操作器
控制板
端子板
下箱盖

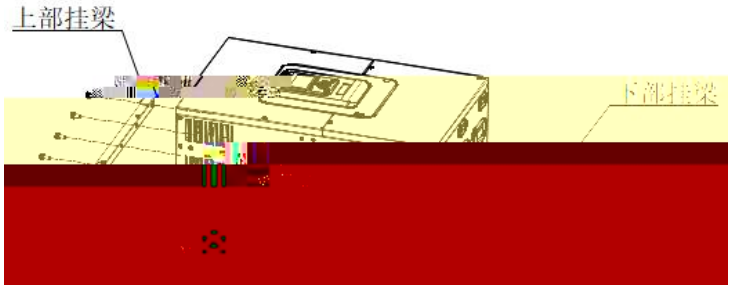

340
225
Ø10
12
320
305
120.5
615
595
560

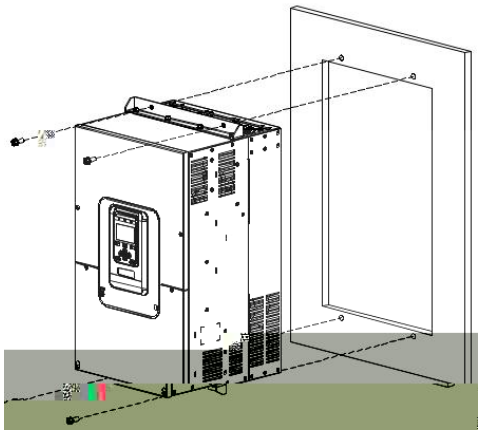

AC380V
HF63UN01系列变频器
断路器
熔断器
接触器
输入
电抗器
EMC
滤波器
R S T PB P+
U V W PE
接地
输出
电抗器

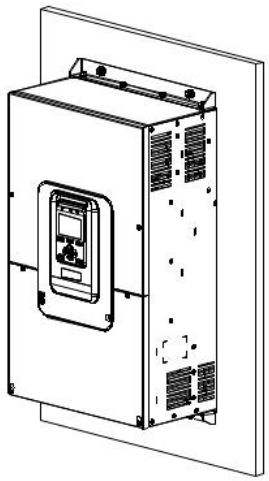
		

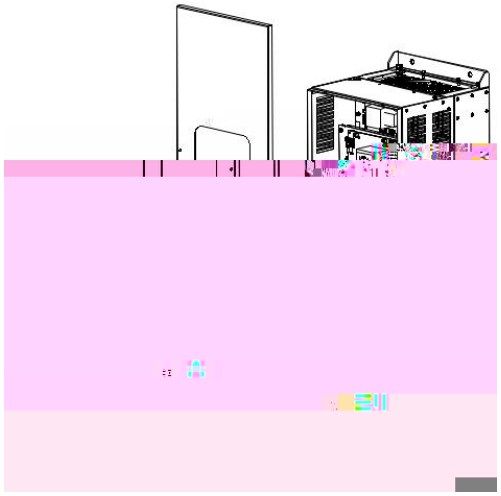

空气
竖直向上
A
B
B
A
空气

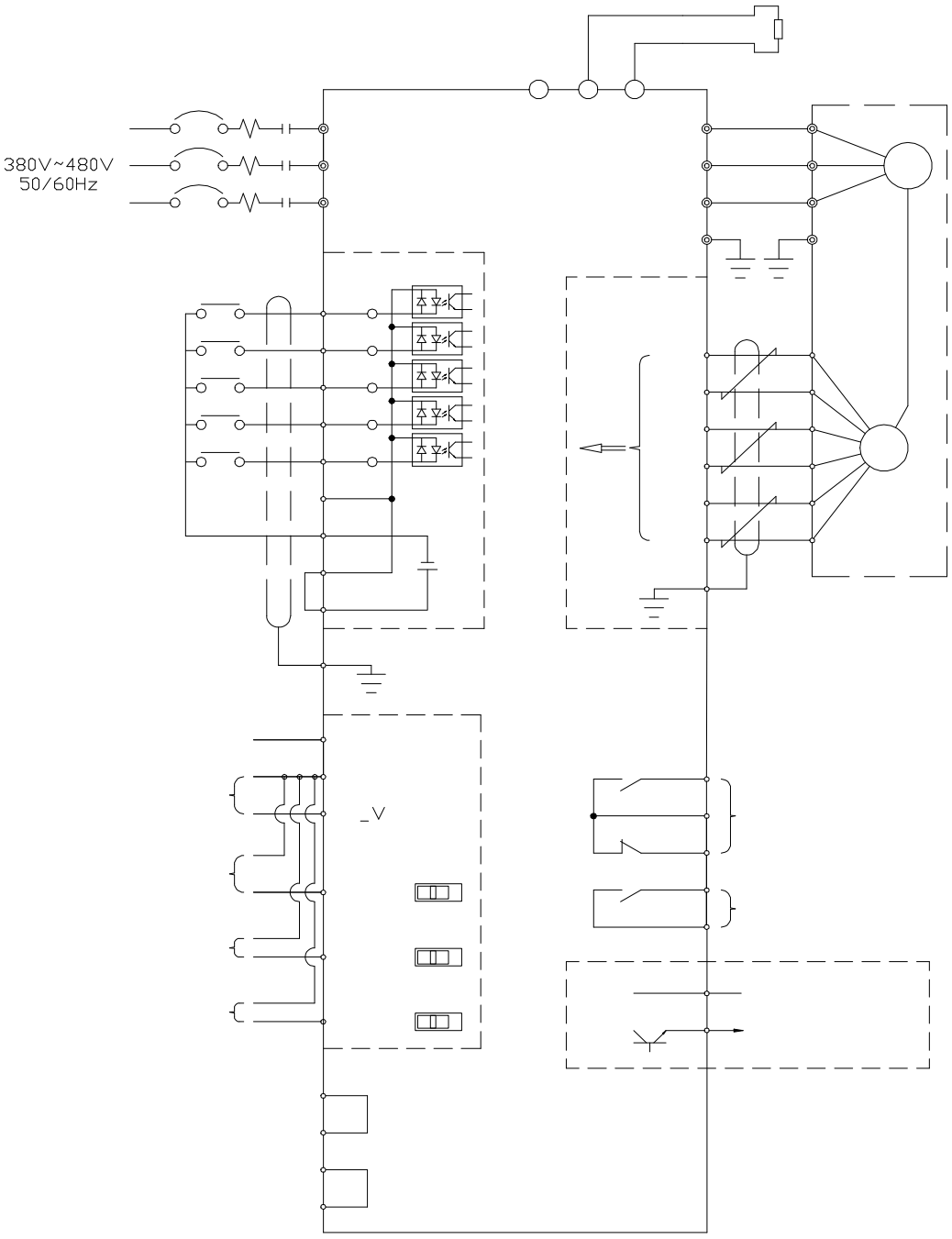


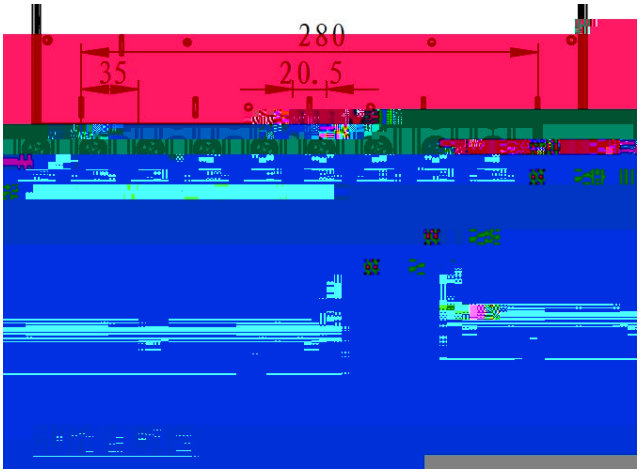

上部挂梁
下部挂梁





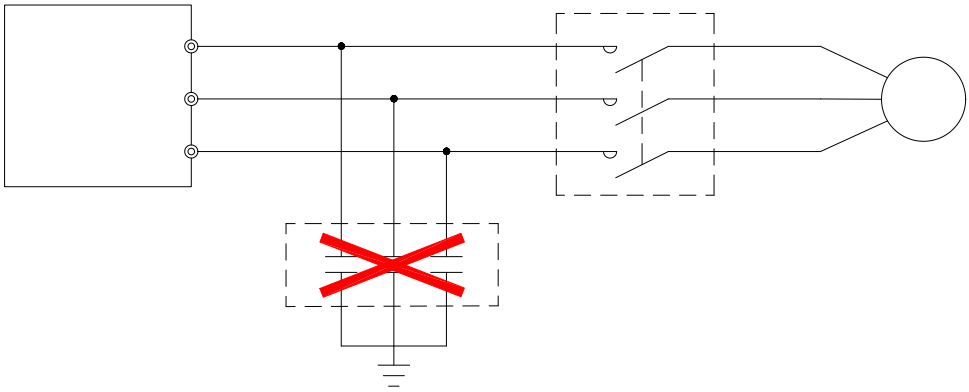

380V~480V
50/60Hz
_V

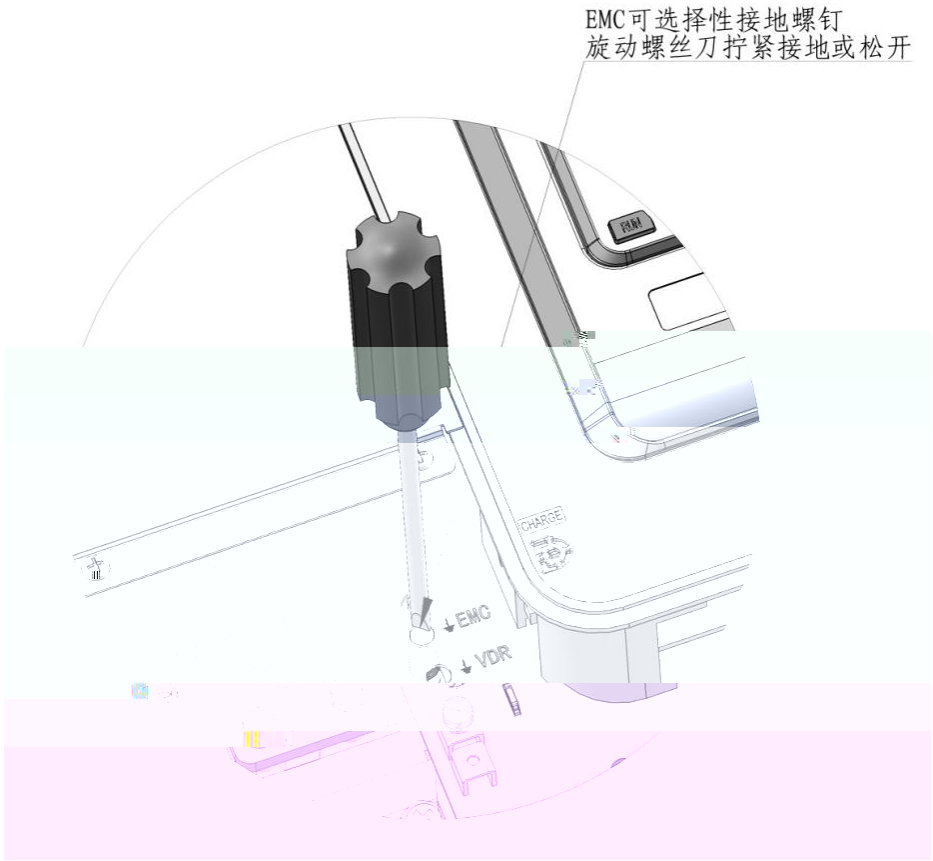

280
35
20.5

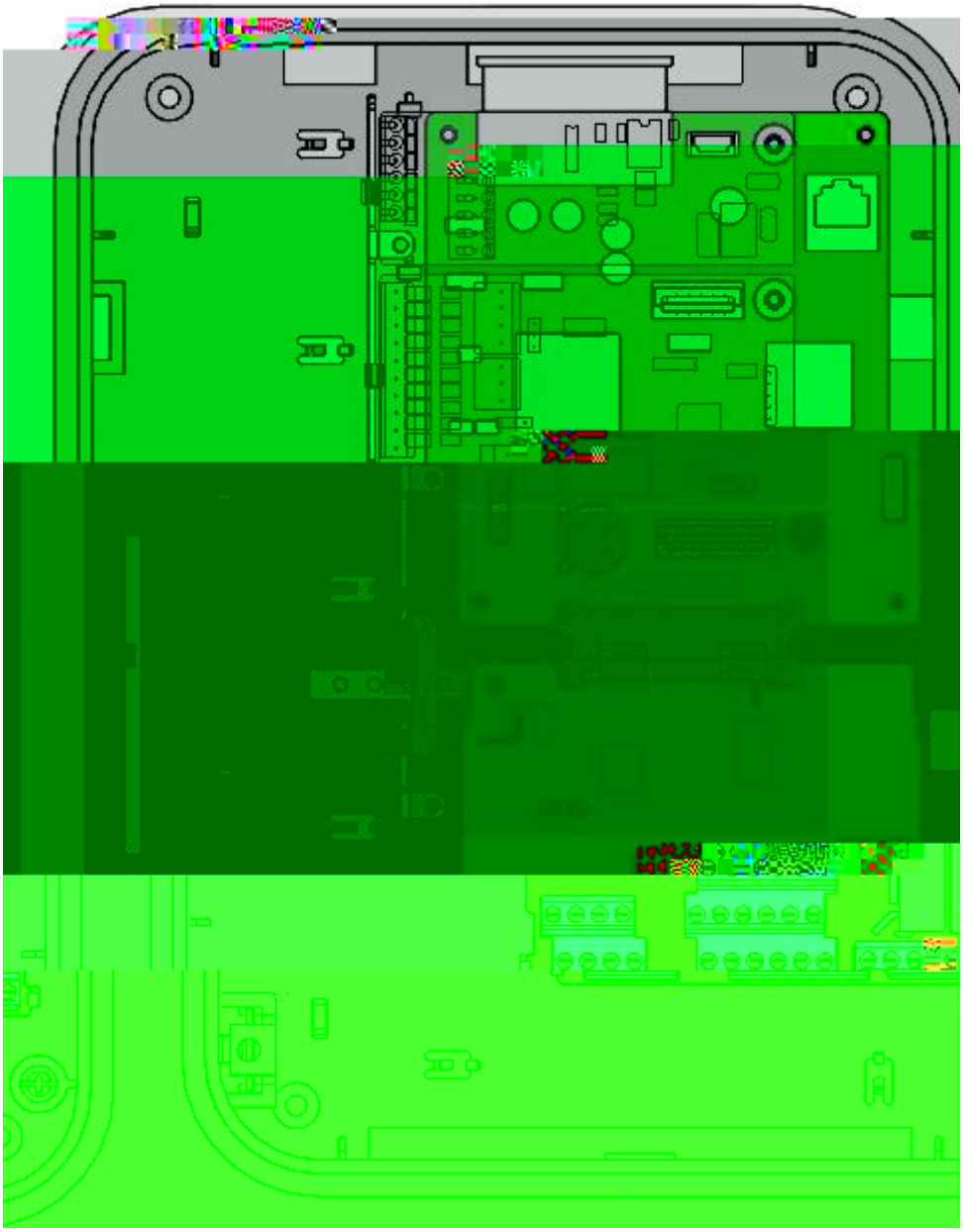
QWI

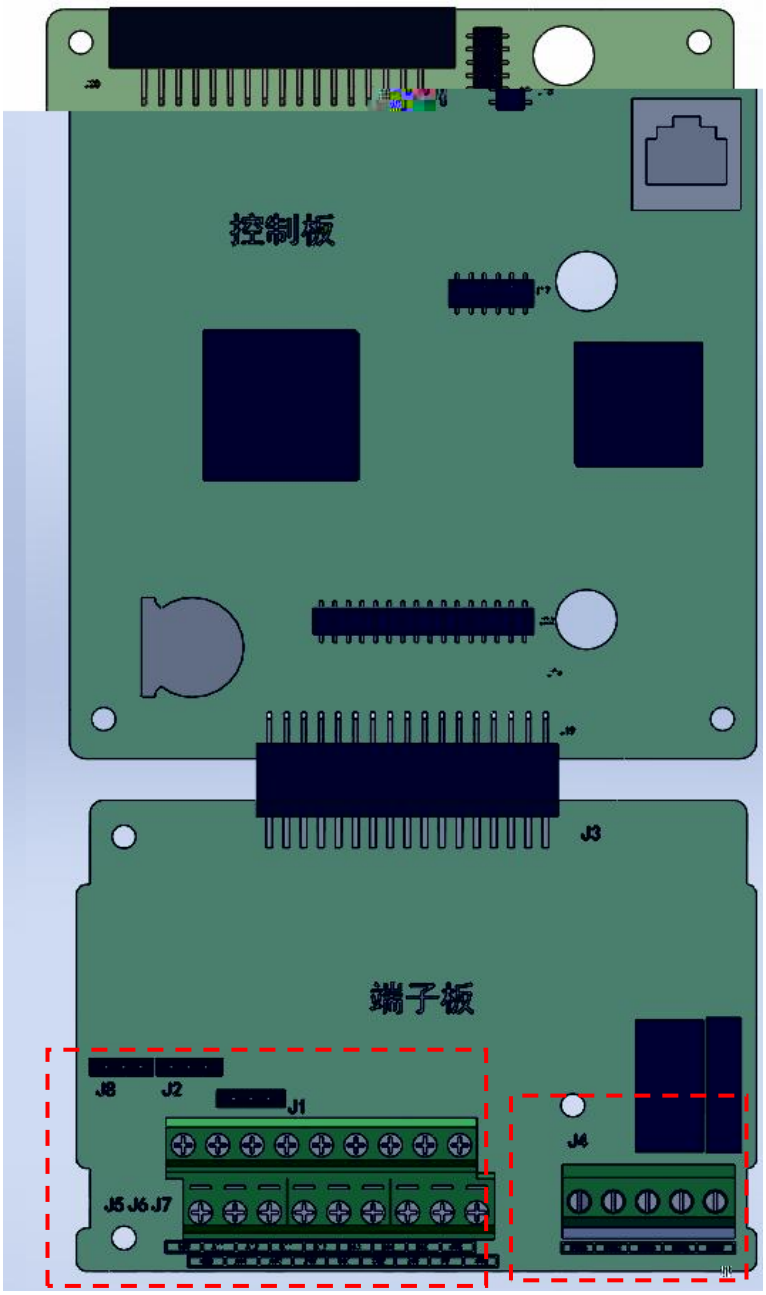
GUIDE

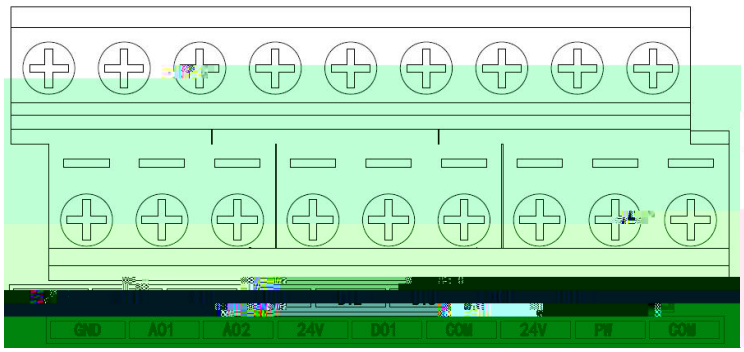
N.@




EMC可选择性接地螺钉
旋动螺丝刀拧紧接地或松开
CHARGE
EMC
VDR

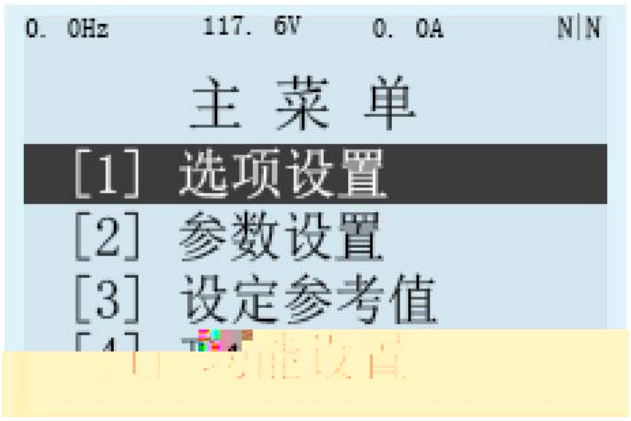


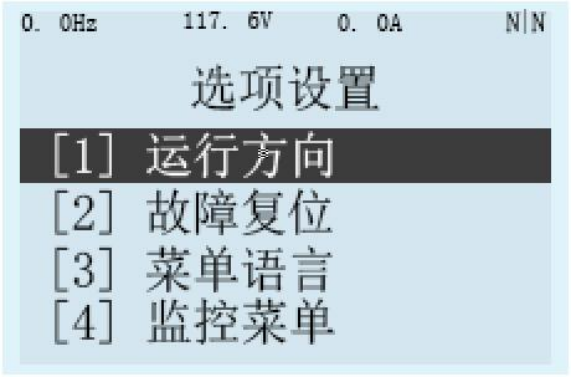

控制板
J3
端子板
J8
J2
J1
J4
J5 J6 J7


GND
AO1
AO2
24V
DO1
COM
24V
PW
COM

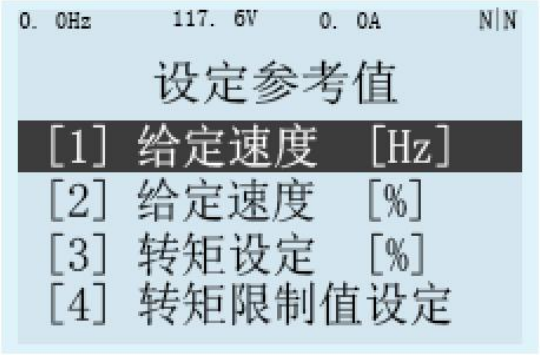
运行指示灯
本地/远程指示灯
故障指示灯
RUN
LOCAL
FAULT
0. 0Hz 117. 6V 0. 0A N|N
电机速度[Hz]:0.0Hz
给定频率[Hz]:10.0Hz
本地/远程
RUN
STOP

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

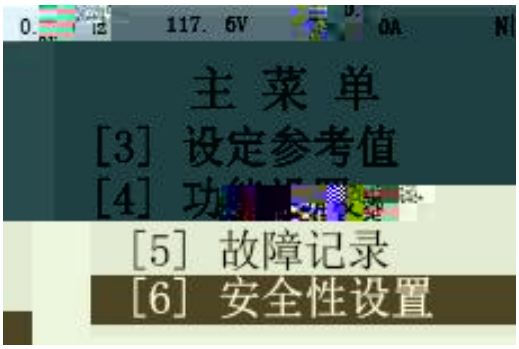

0. 0Hz
117. 6V
0. 0A
N|N
主 菜 单
[1] 选项设置
[2] 参数设置
[3] 设定参考值

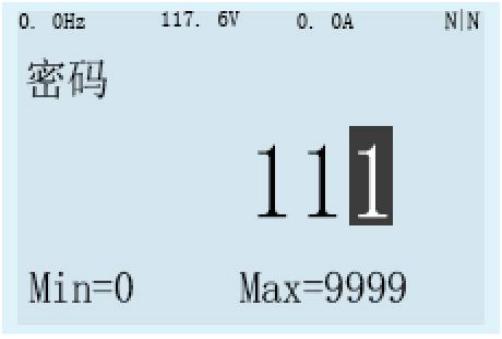

0. 0Hz
117. 6V
0. 0A
N|N
选项设置
[1] 运行方向
[2] 故障复位
[3] 菜单语言
[4] 监控菜单

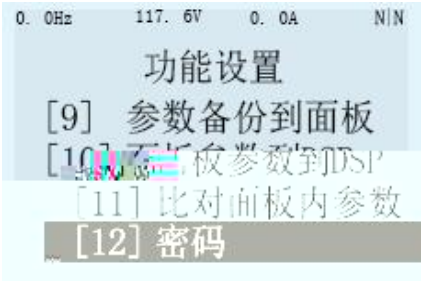
0. 0Hz
117. 6V
0. 0A
N|N
参数设置
P00 参数控制
P02 并机和面板设置
P03 数字输入端子组
P04 数字输出端子组

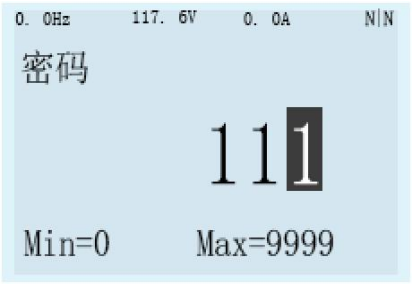

0. 0Hz
117. 6V
0. 0A
N|N
设定参考值
[1] 给定速度 [Hz]
[2] 给定速度 [%]
[3] 转矩设定 [%]
[4] 转矩限制值设定

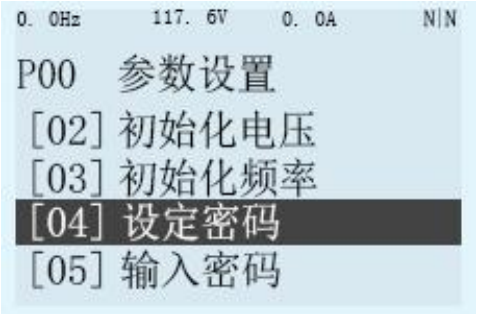
0. 0Hz
117. 6V
0. 0A
N|N

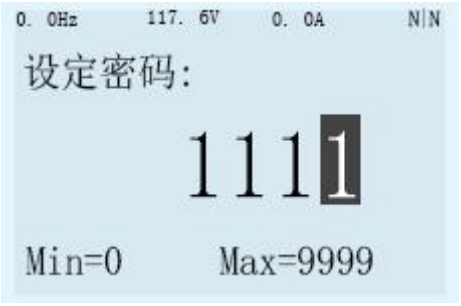

主 菜 单
[3] 设定参考值
[5] 故障记录
[6] 安全性设置

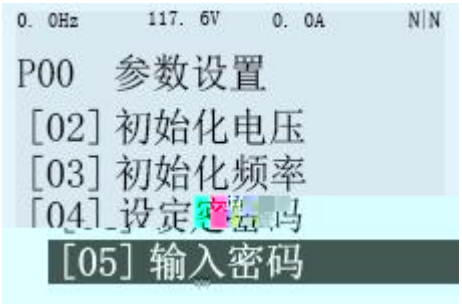

0. 0Hz
117. 6V
0. 0A
N|N
密码
111
Min=0
Max=9999


0. 0Hz 117. 6V 0. 0A N|N
功能设置
[9] 参数备份到面板
[11] 比对面板内参数
[12] 密码

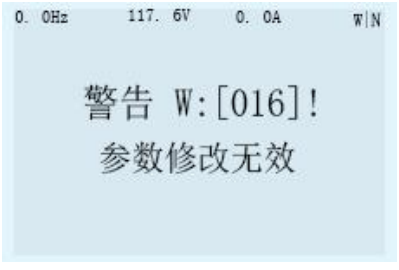

0. 0Hz 117. 6V 0. 0A N|N
密码
111
Min=0 Max=9999

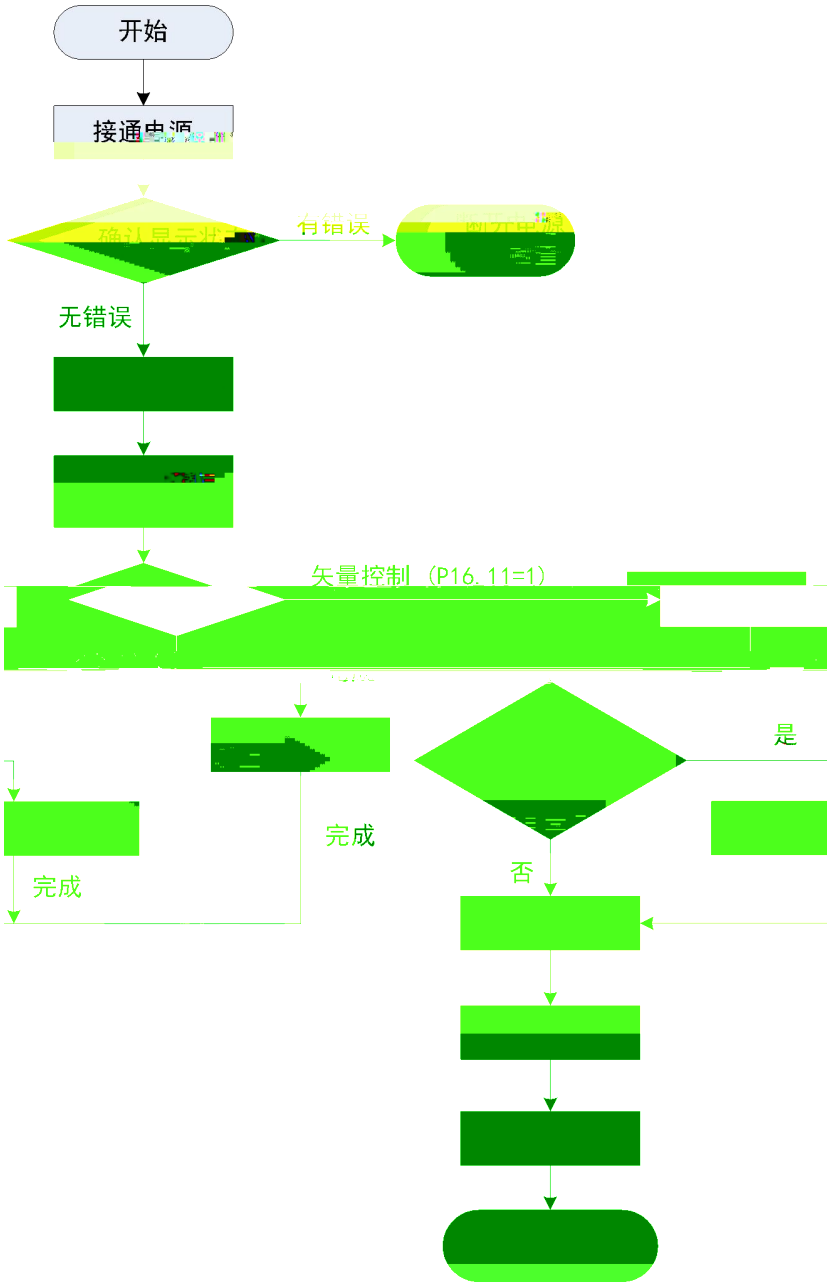

0. 0Hz 117. 6V 0. 0A N|N
P00 参数设置
[02] 初始化电压
[03] 初始化频率
[04] 设定密码
[05] 输入密码

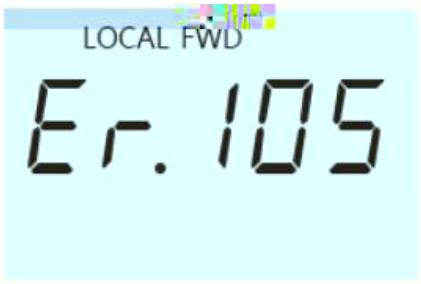

0. 0Hz 117. 6V 0. 0A N|N
设定密码:
1111
Min=0 Max=9999


0. 0Hz 117. 6V 0. 0A N|N
P00 参数设置
[02] 初始化电压
[03] 初始化频率
[05] 输入密码

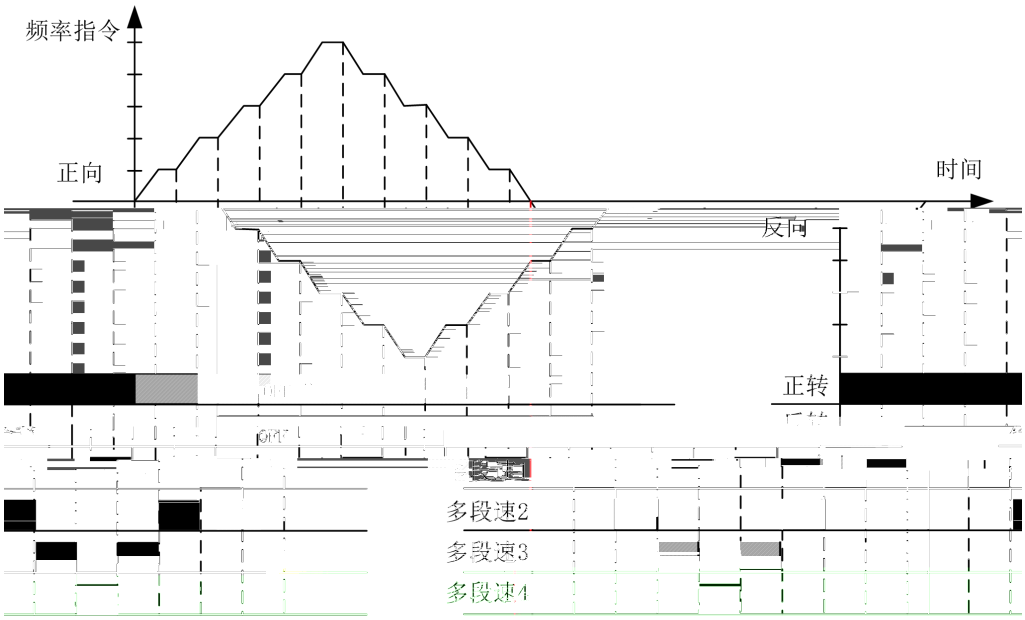
0. 0Hz 117. 6V 0. 0A N|N
输入密码:
Min=0 Max=9999

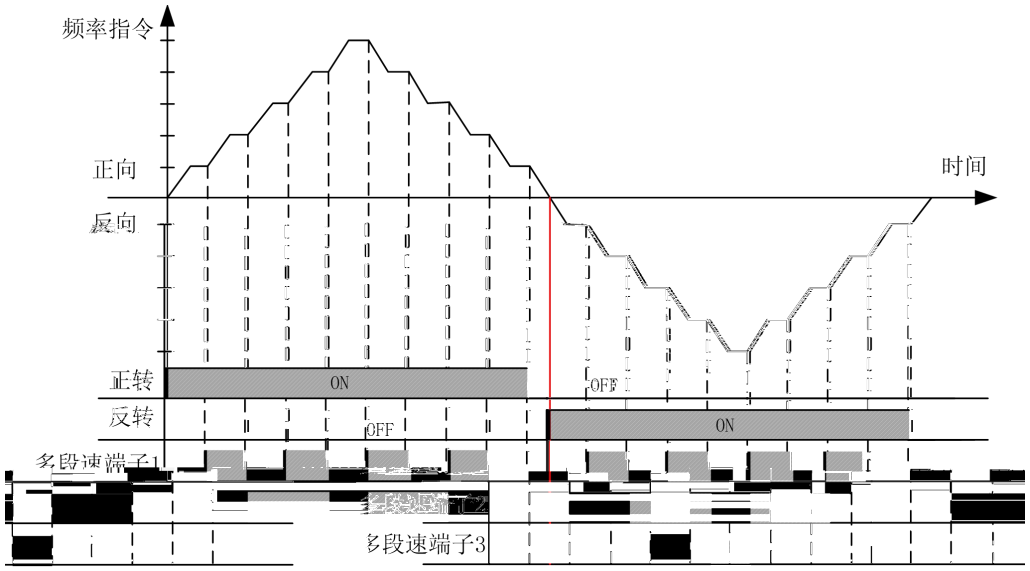

0. 0Hz 117. 6V 0. 0A W|N
警告 W:[016]!
参数修改无效

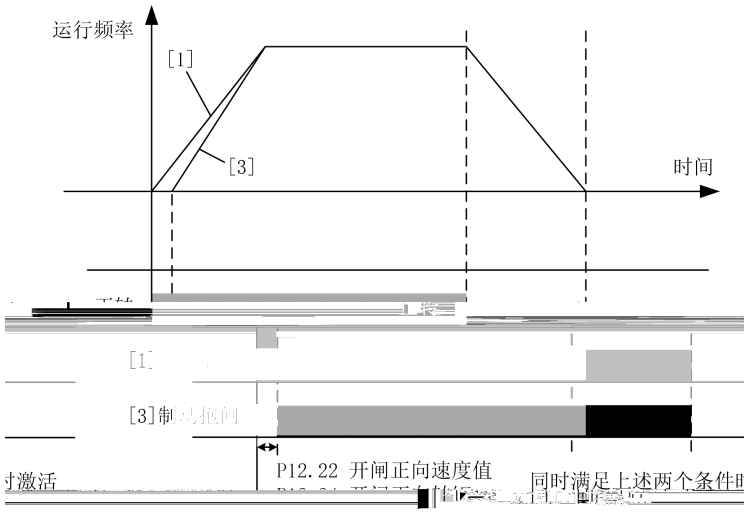

开始
接通电源
有错误
无错误
矢量控制（P16.11=1）
是
否
完成
完成

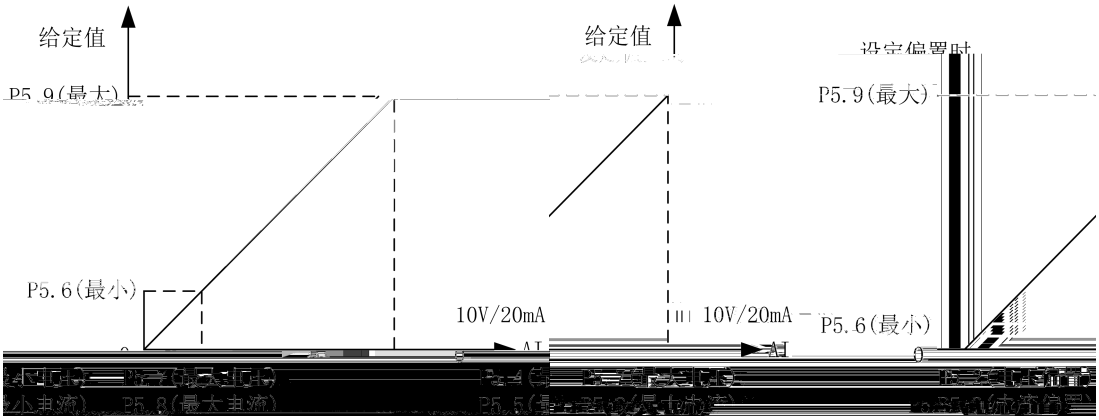
	LOCAL FWD 0.0 Hz	
	 LOCAL FWD Er.105	
	COMM.F	

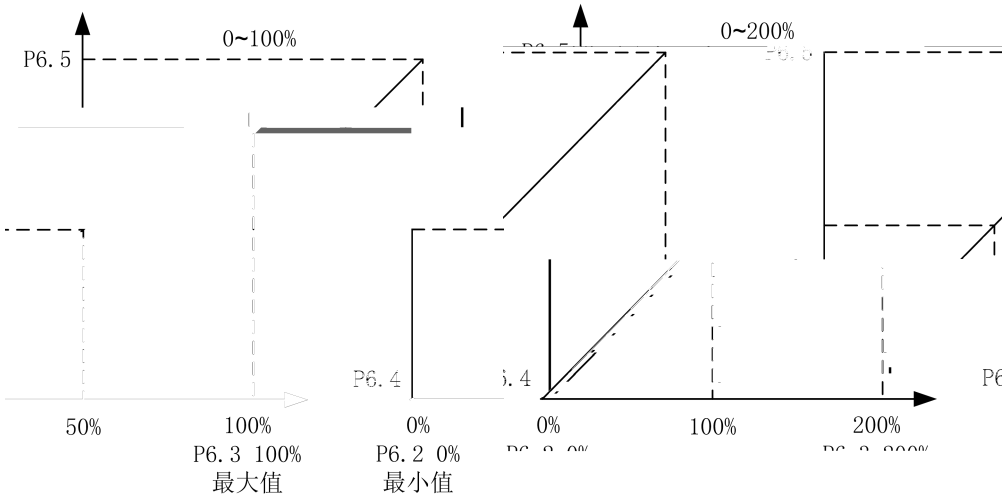
0.0Hz 117.6V 0.0A N|N

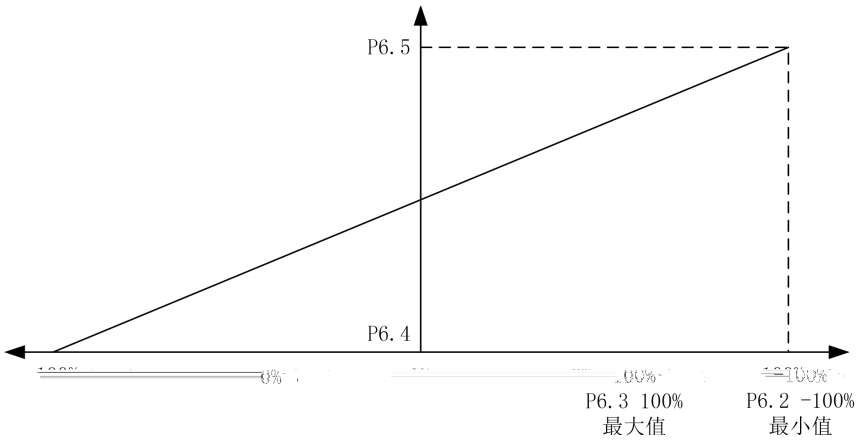

频率指令
正向
时间
反向
正转
多段速2
多段速3
多段速4

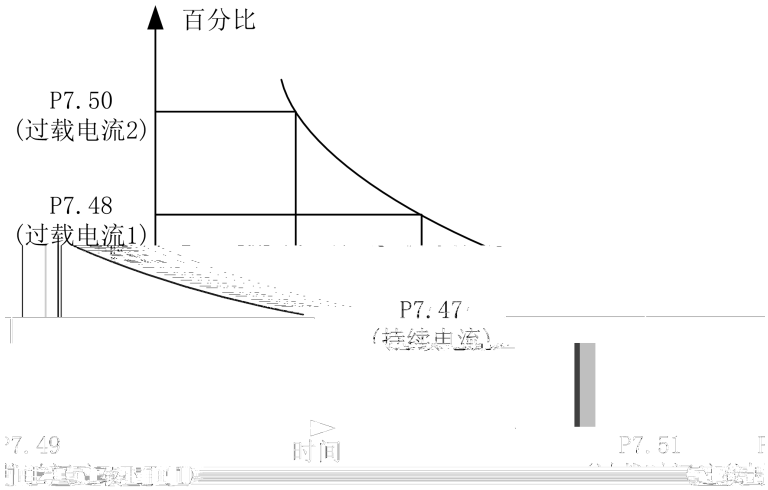

频率指令
正向
反向
时间
正转
ON
OFF
反转
OFF
ON
多段速端子1
多段速端子3


运行频率
[1]
[3]
时间
[1]
[3]制
P12.22 开闸正向速度值
同时满足上述两个条件


给定值
P5.9(最大)
P5.6(最小)
10V/20mA
给定值
P5.9(最大)
P5.6(最小)
10V/20mA


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

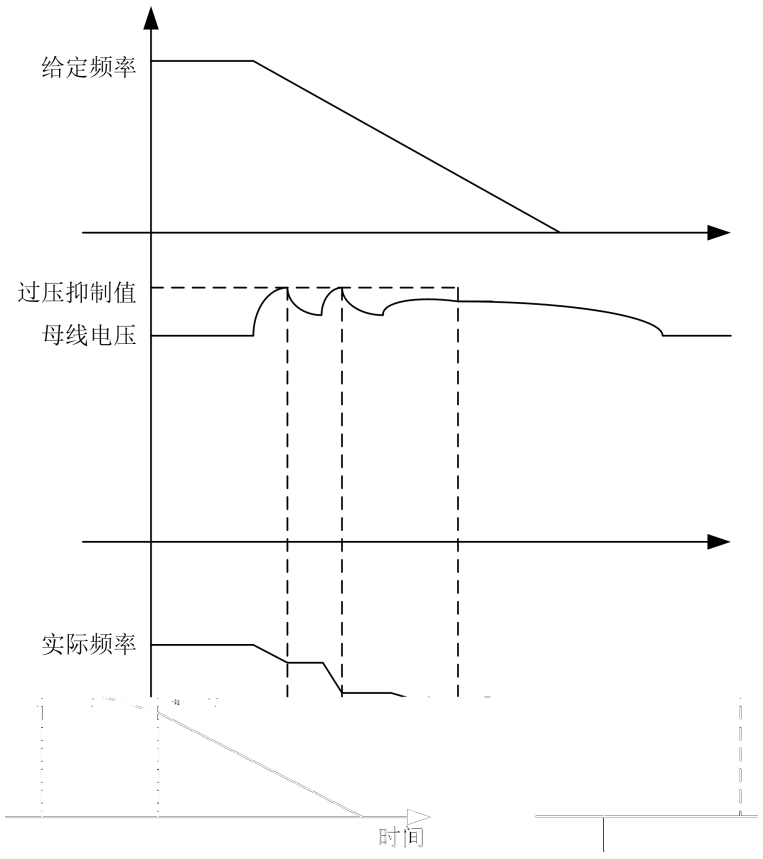

P6.5
P6.4
P6.3 100%
最大值
P6.2 -100%
最小值

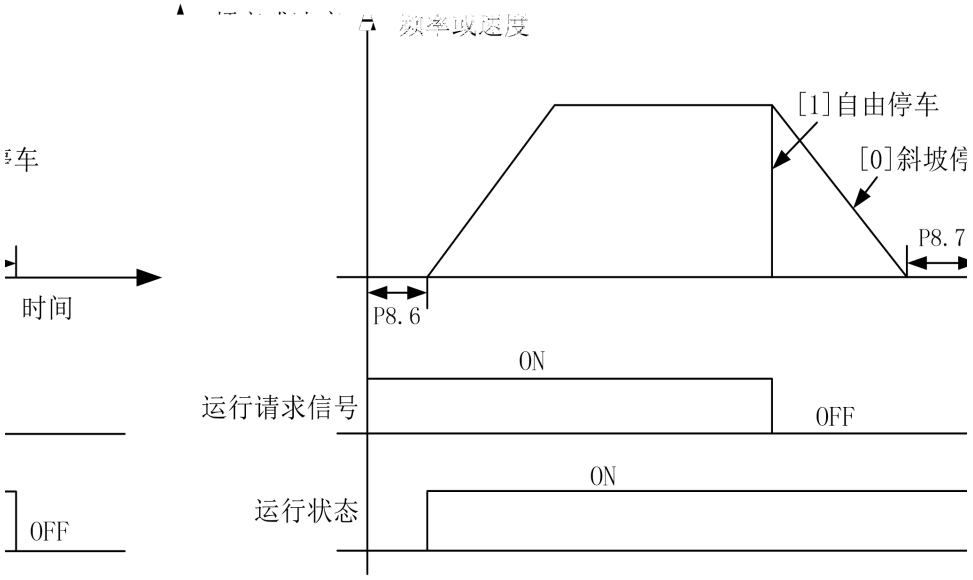

百分比
P7.50
(过载电流2)
P7.48
(过载电流1)
P7.47
(连续电流)
时间

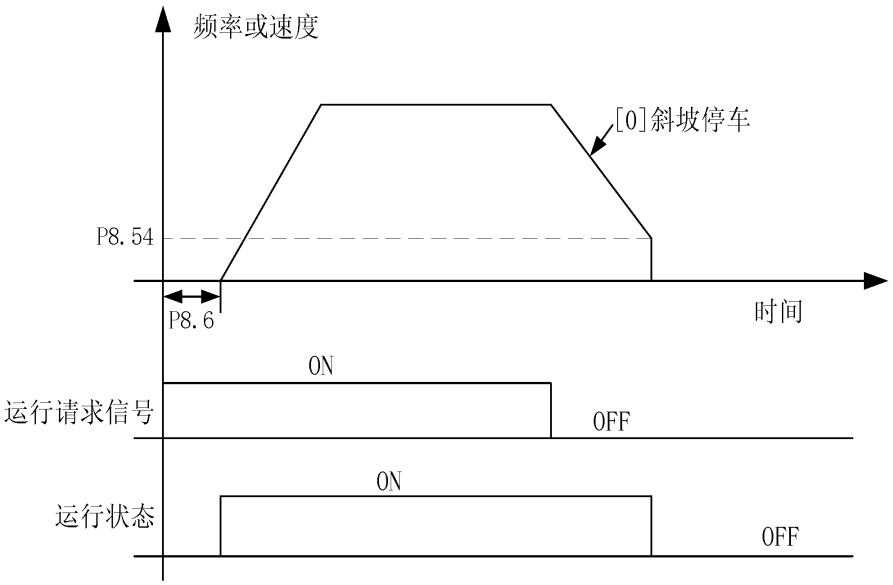
√ + +

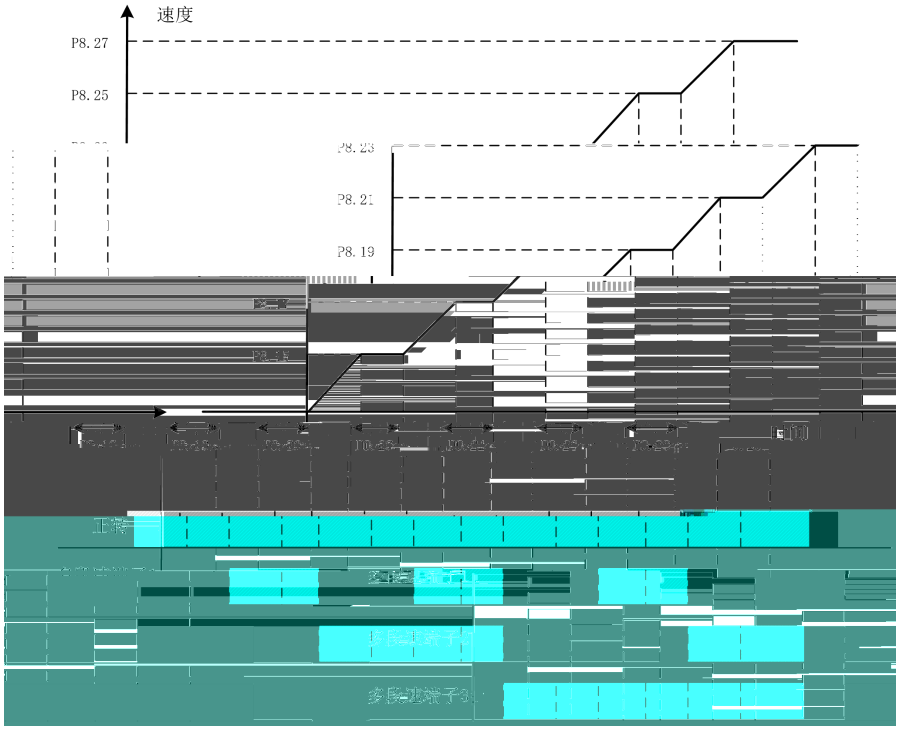
√ + +

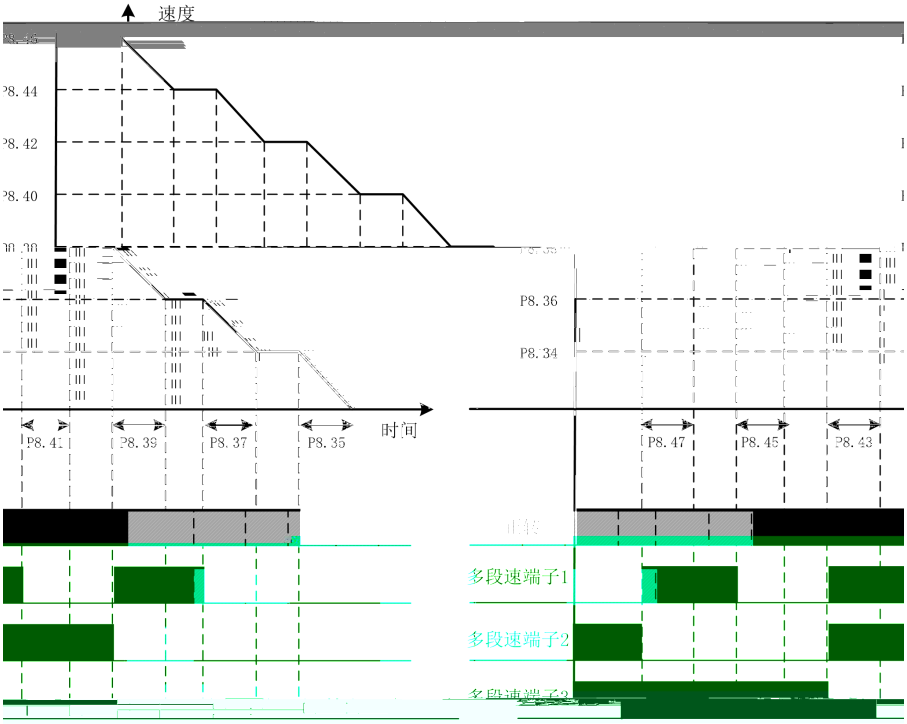
√ + +

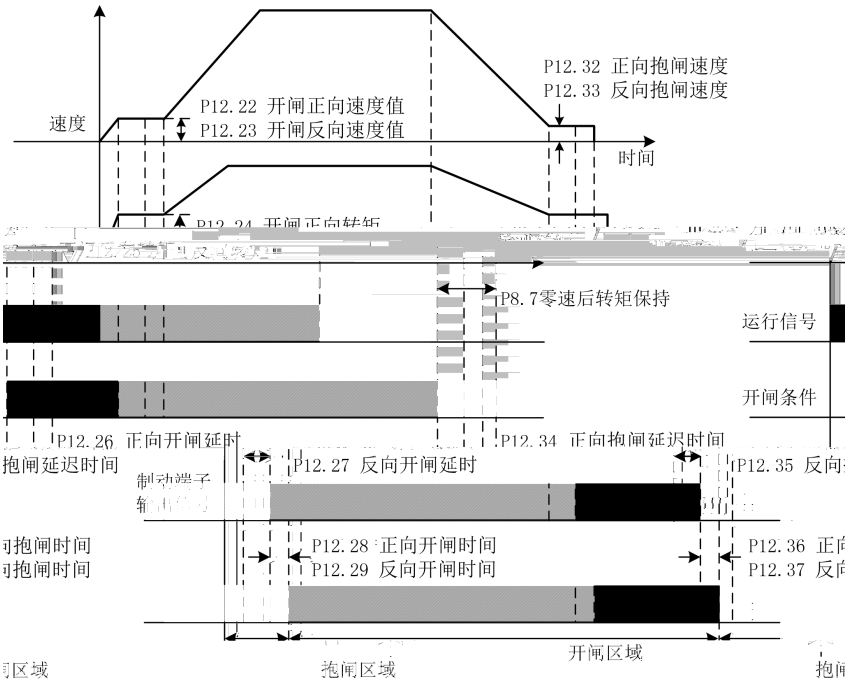

给定频率
过压抑制值
母线电压
实际频率
时间

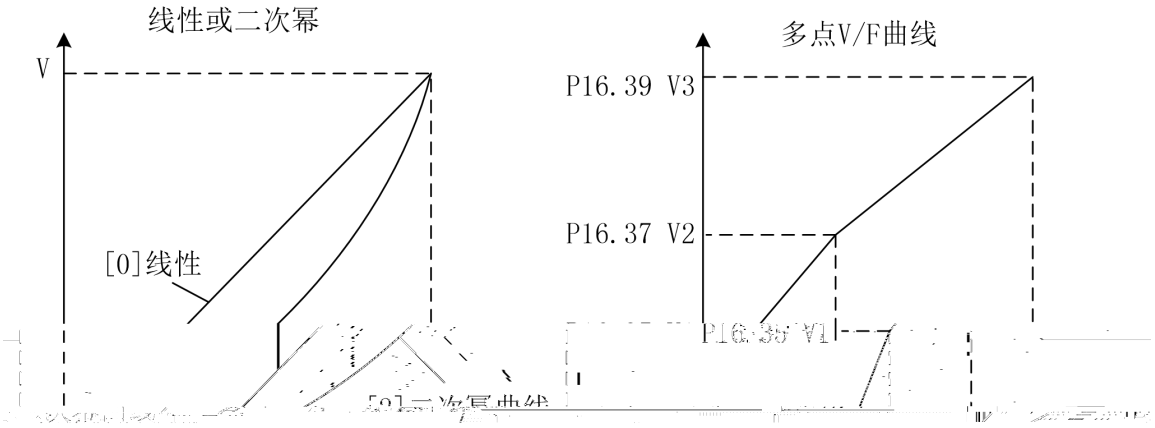

频率设定度
[1]自由停车
[0]斜坡停
P8.7
时间
P8.6
ON
运行请求信号
OFF
ON
运行状态
OFF

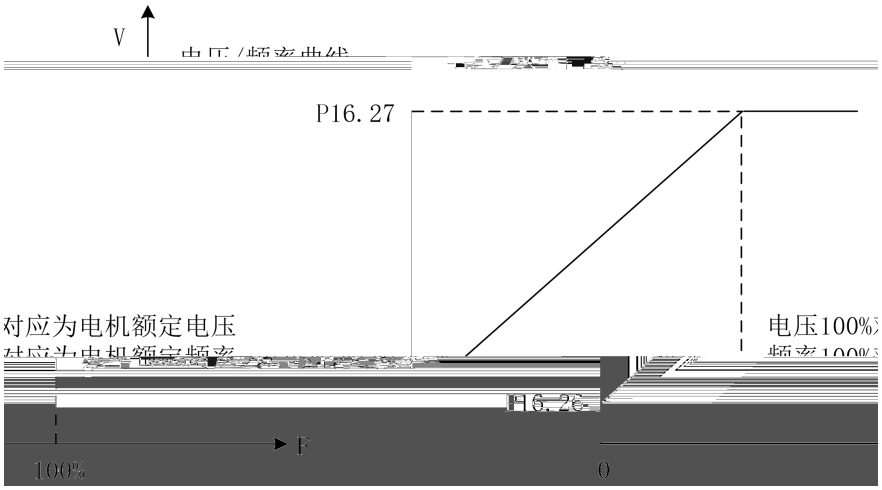

频率或速度
[0]斜坡停车
P8.54
P8.6
时间
ON
运行请求信号
OFF
ON
运行状态
OFF

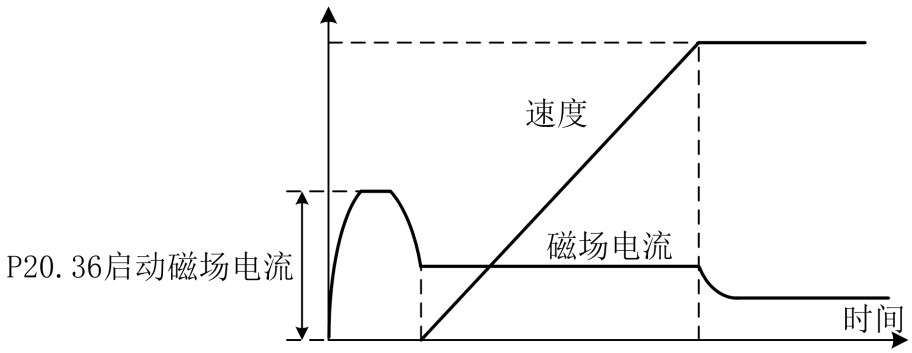

速度
P8.27
P8.25
P8.23
P8.21
P8.19

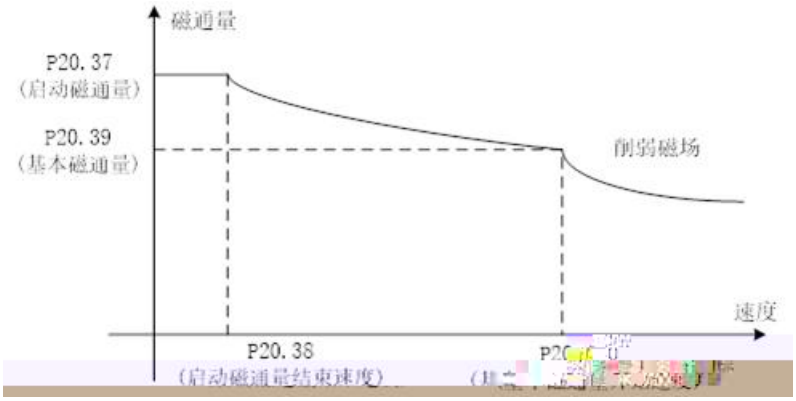

速度
P8.44
P8.42
P8.40
P8.36
P8.34
P8.41
P8.39
P8.37
P8.35
时间
P8.47
P8.45
P8.43
正转
多段速端子1
多段速端子2

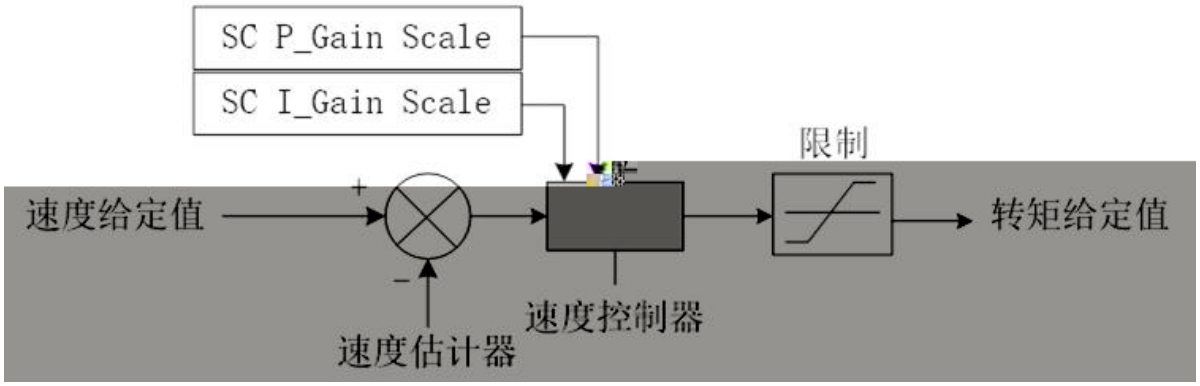

速度
P12.22 开闸正向速度值
P12.23 开闸反向速度值
P12.32 正向抱闸速度
P12.33 反向抱闸速度
时间
P8.7零速后转矩保持
运行信号
开闸条件
P12.26 正向开闸延时
P12.34 正向抱闸延迟时间
抱闸延迟时间
P12.27 反向开闸延时
P12.35 反向
P12.28 正向开闸时间
P12.29 反向开闸时间
P12.36 正向
P12.37 反向
开闸区域
抱闸区域

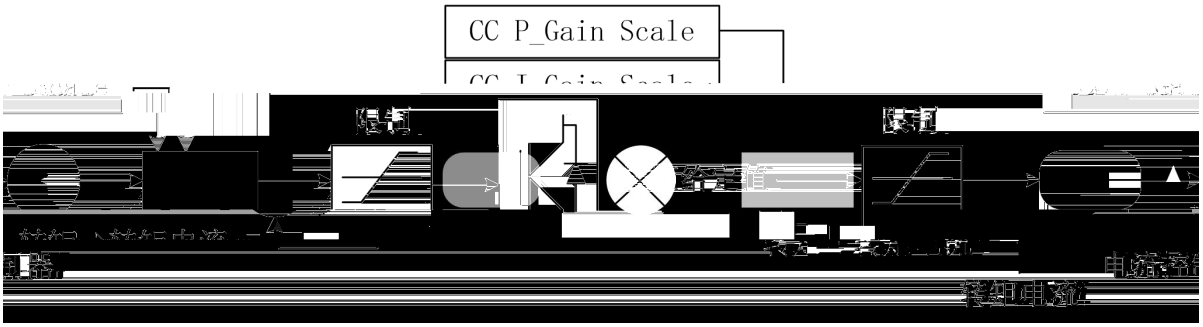

线性或二次幂
V
[0]线性
多点V/F曲线
P16.39 V3
P16.37 V2


V
P16.27
对应为电机额定电压
P16.26
F
100%
0


速度
磁场电流
P20.36启动磁场电流
时间

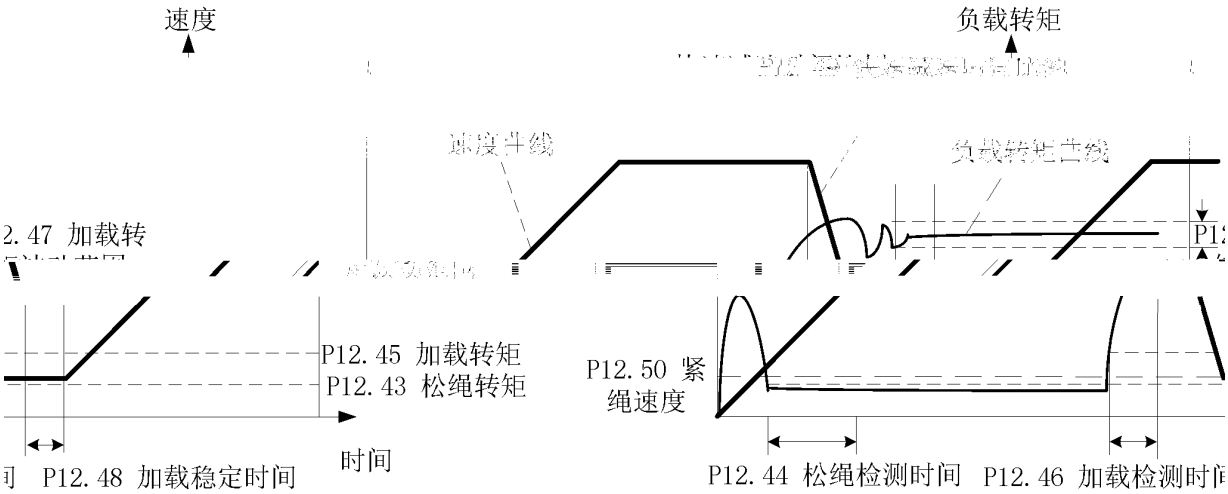

磁通量
P20.37
(启动磁通量)
P20.39
(基本磁通量)
削弱磁场
速度
P20.38
(启动磁通量结束速度)


SC P_Gain Scale
SC I_Gain Scale
限制
速度给定值
转矩给定值
速度控制器
速度估计器

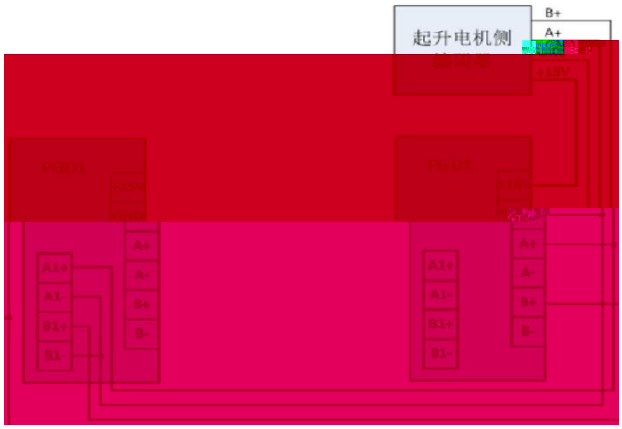

CC P_Gain Scale

PFÆ” C … Ö

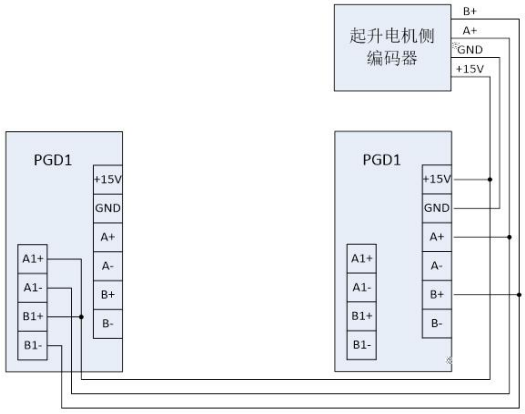
Ь ѲW,


速度
负载转矩
速度斗线
负载转矩曲线
2.47 加载转
P12.45 加载转矩
P12.43 松绳转矩
时间
P12.48 加载稳定时间
P12.50 紧
绳速度
P12.44 松绳检测时间
P12.46 加载检测时间

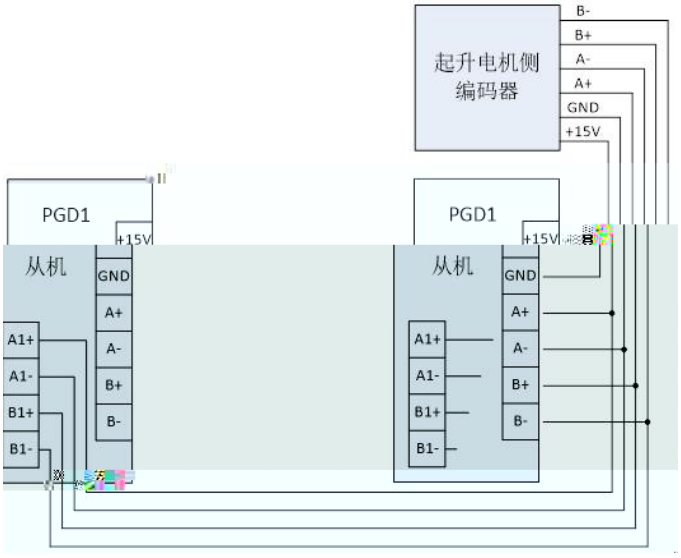
四线制编码器第一种接法



四线制编码器第二种接法

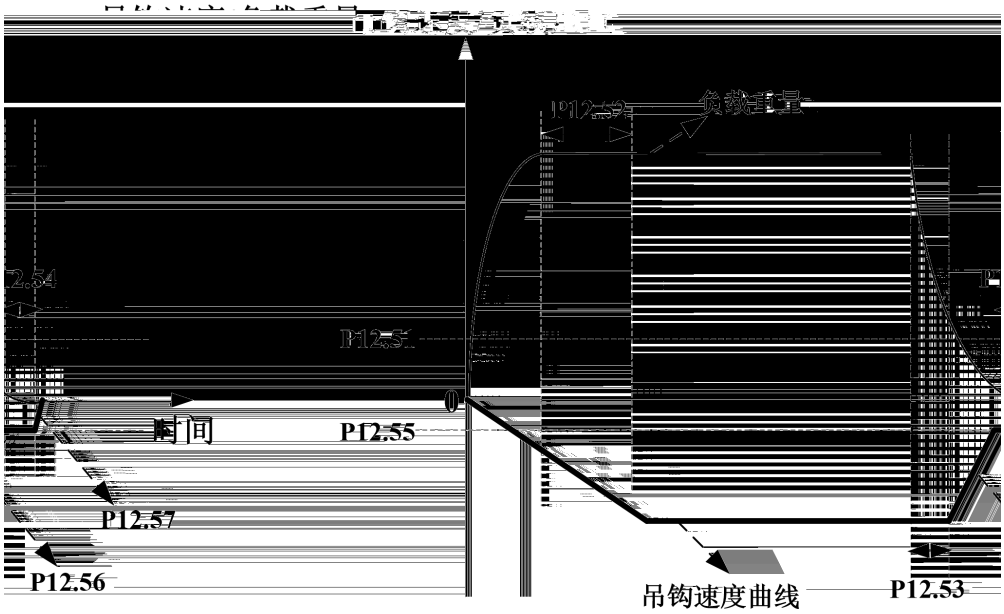


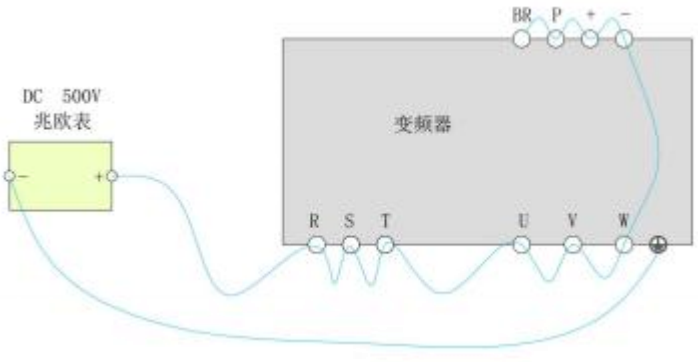
六线制编码器接法



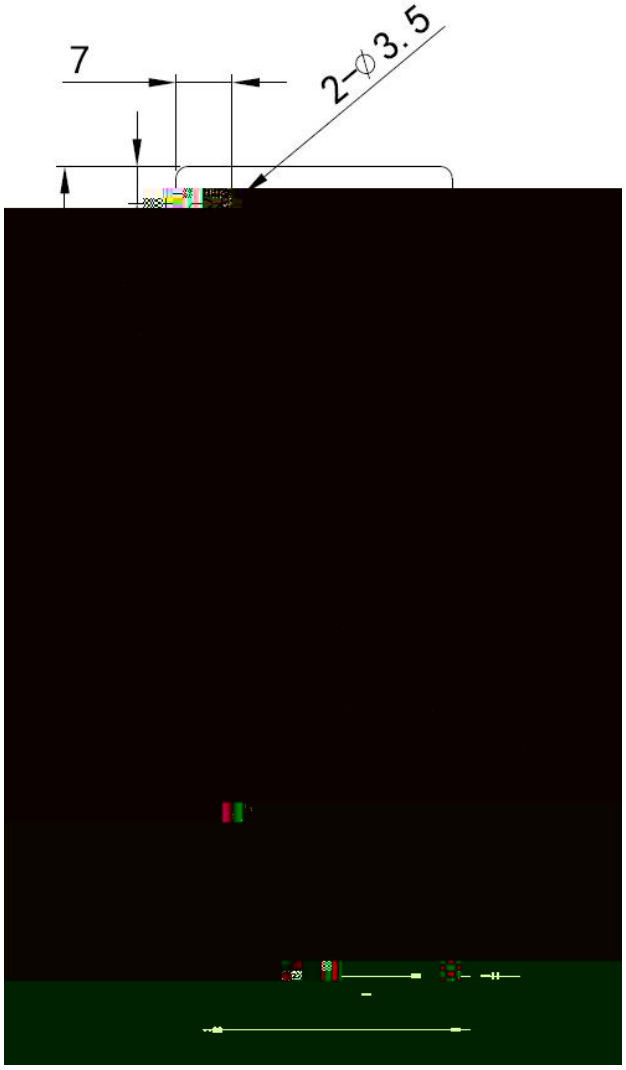
=

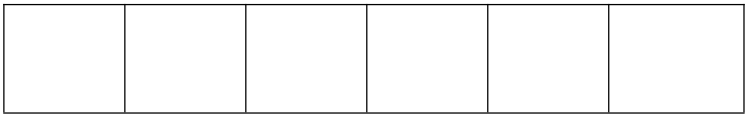
$$\frac{\qquad}{(\quad)(\quad)} = \quad .$$

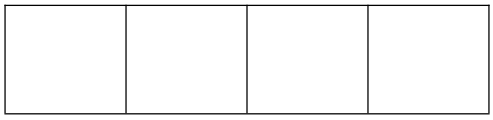

P12.54
P12.55
0
时间
P12.55
P12.57
P12.56
吊钩速度曲线
P12.53

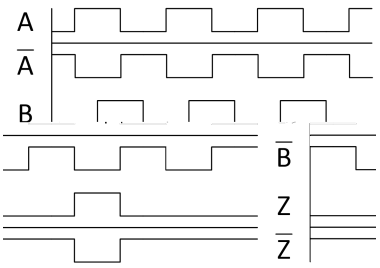

BR
P
+
-
DC 500V
兆欧表
变频器
R
S
T
U
V
W

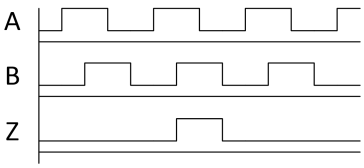
&

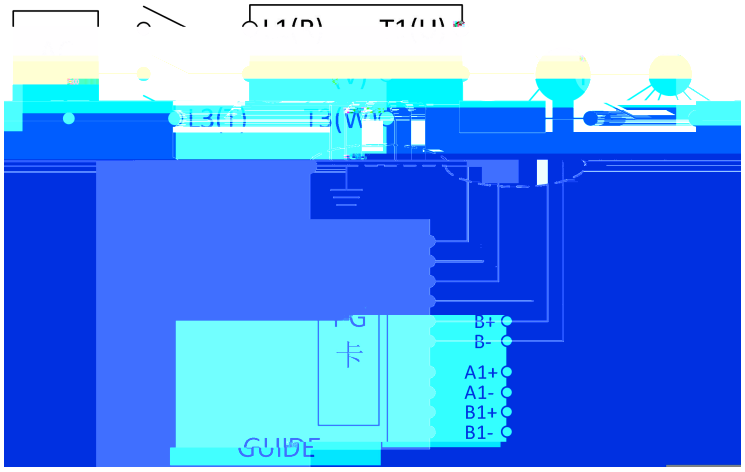

7
2-Φ3.5

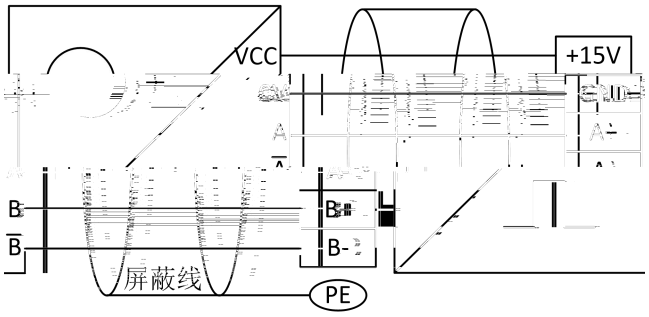


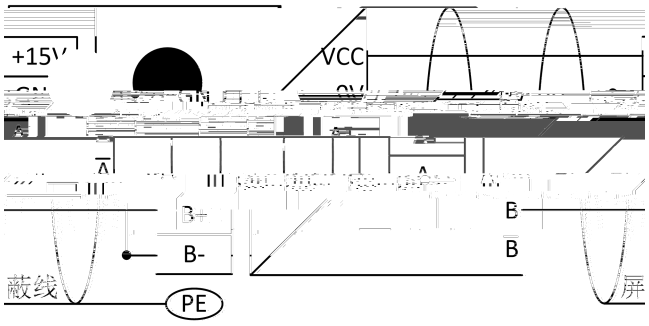


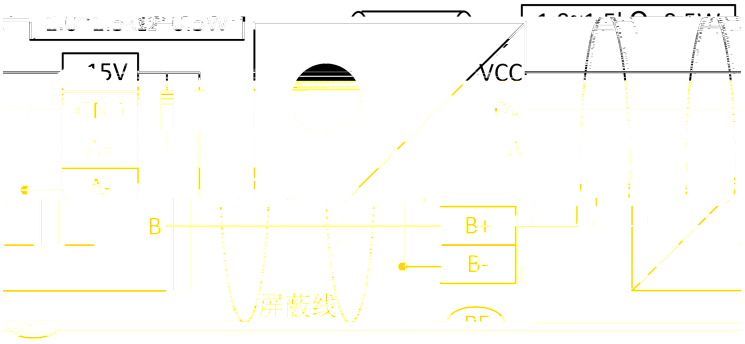

A
A
B
B
Z
Z

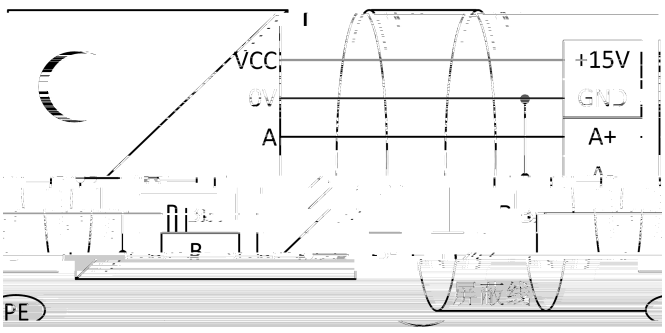

A
B
Z

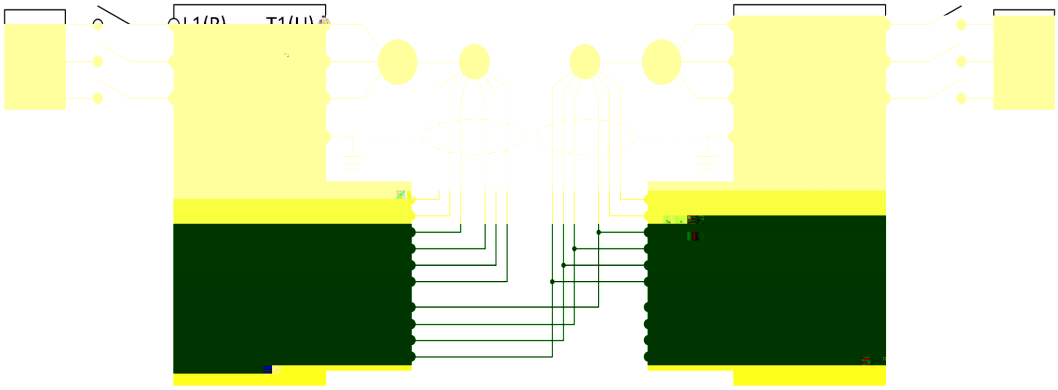

B+
B-
A1+
A1-
B1+
B1-
GUIDE

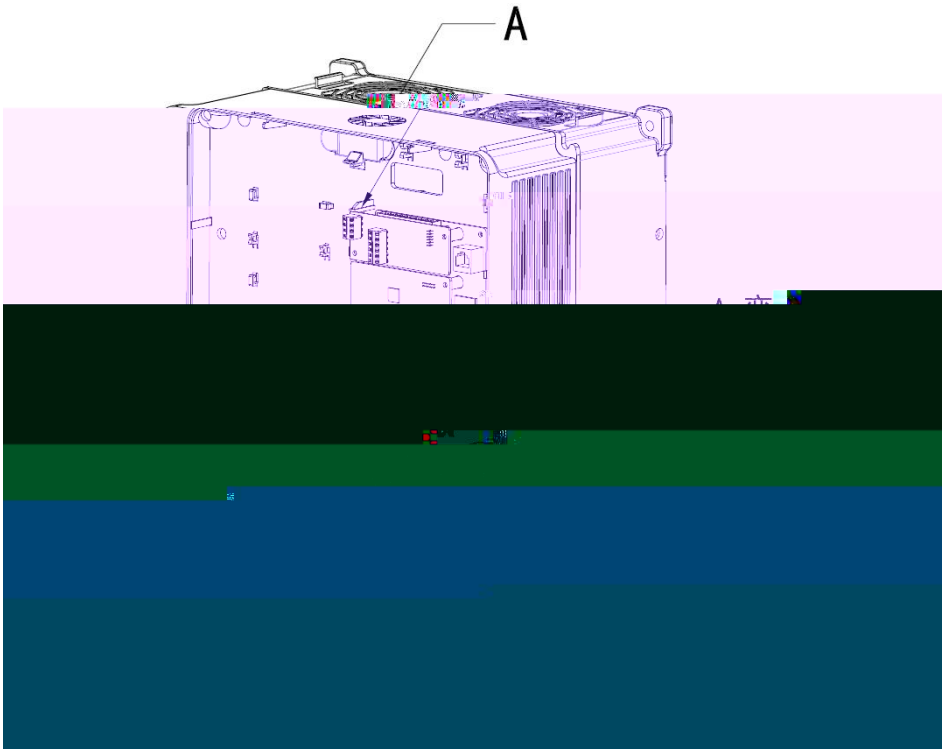

VCC
+15V
B
B
B+
B-
屏蔽线
PE

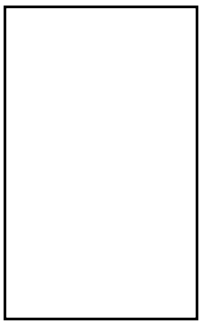

+15V
VCC
B+
B-
B
B
蔽线
PE
屏

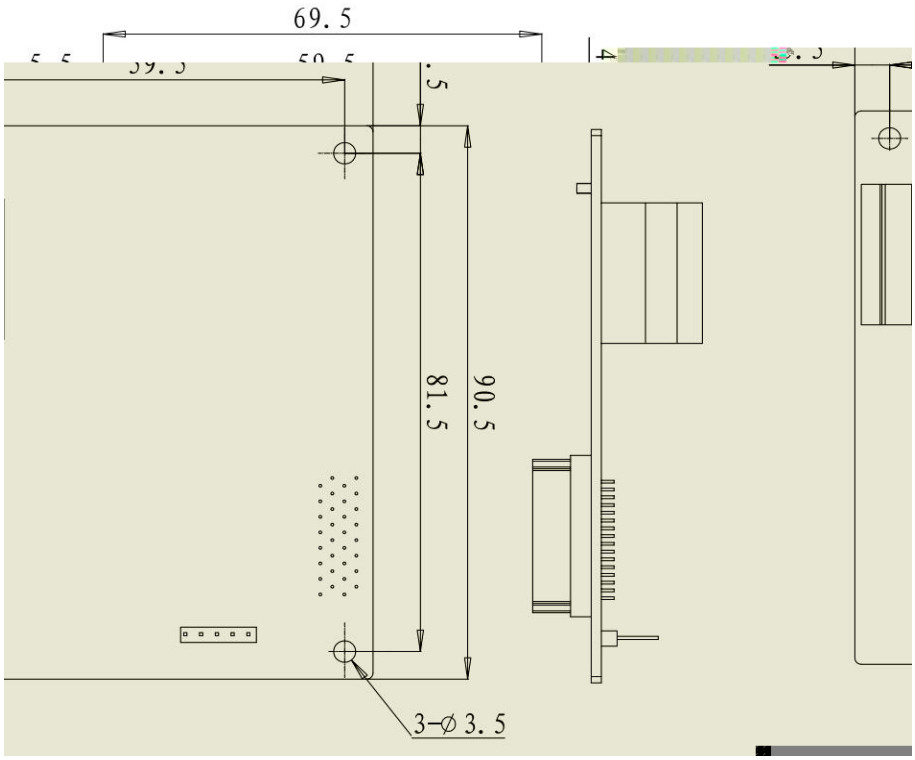

15V
VCC
B
B+
B-
屏蔽线

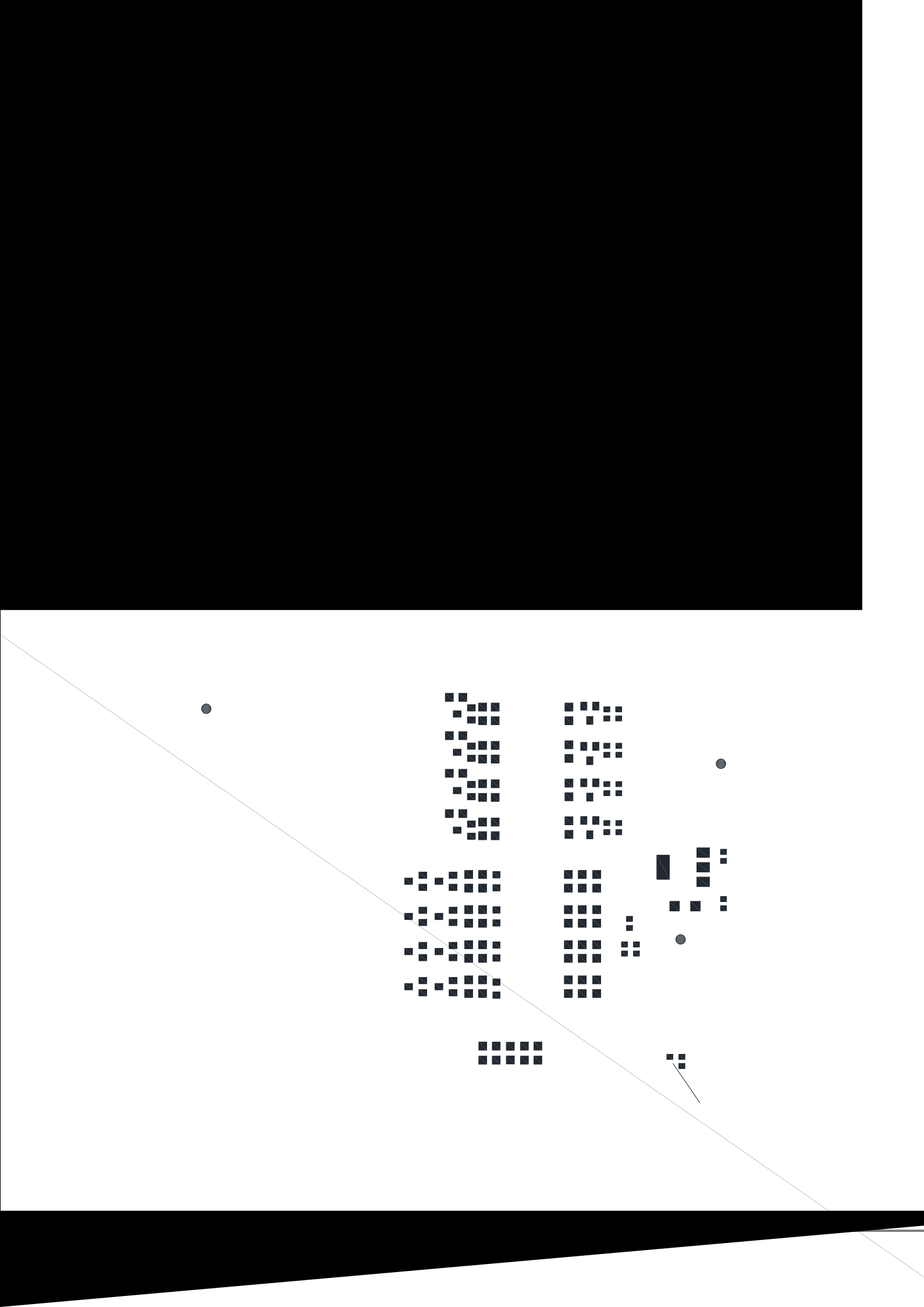

VCC
0V
A
+15V
GND
A+
B
屏蔽线
PE

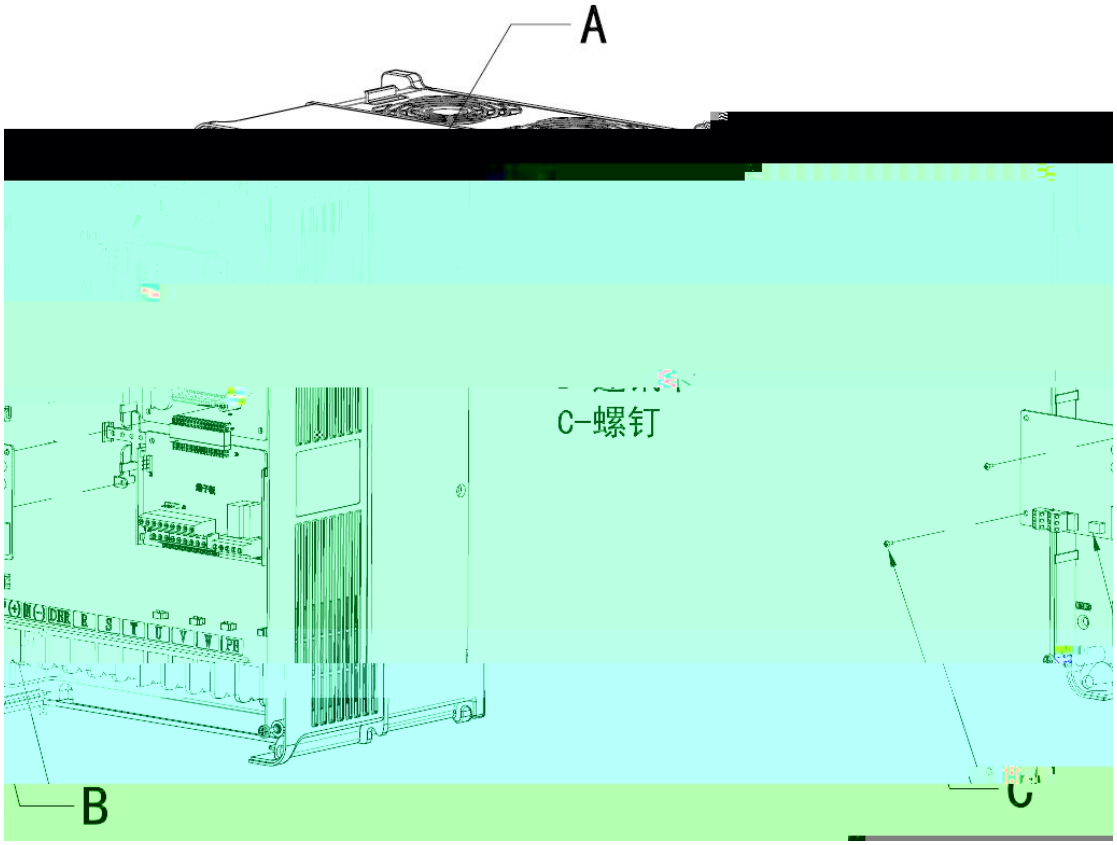


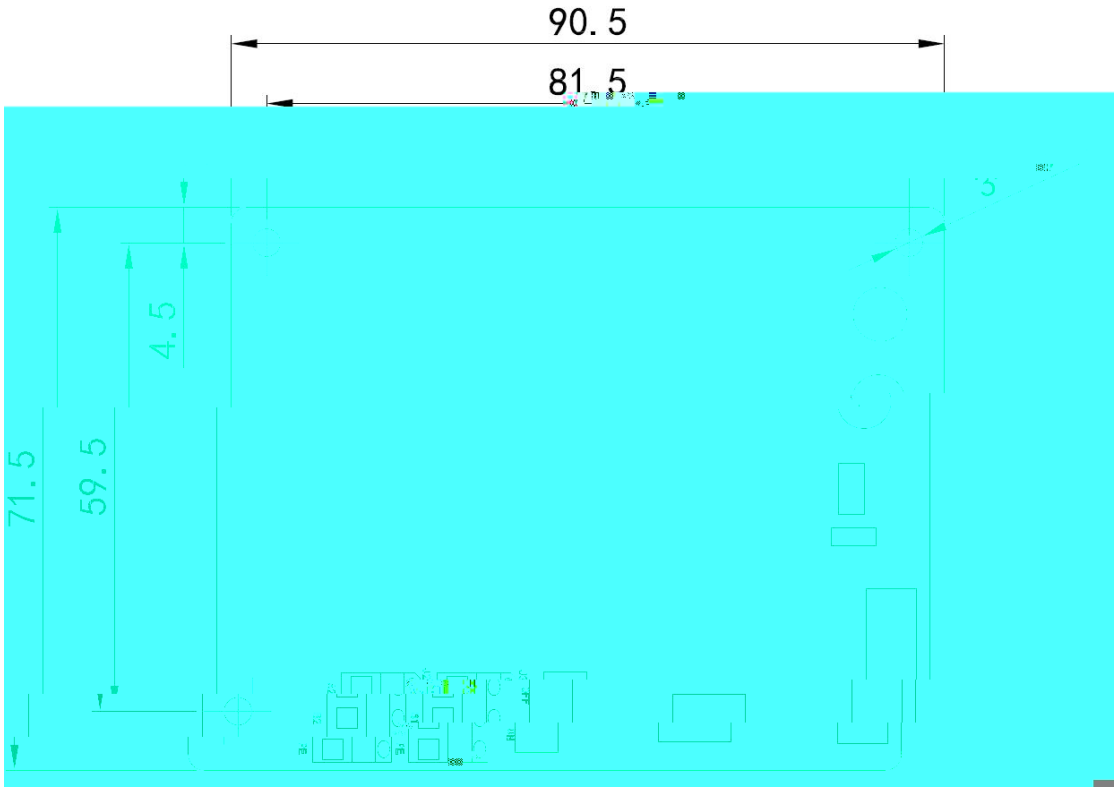

A

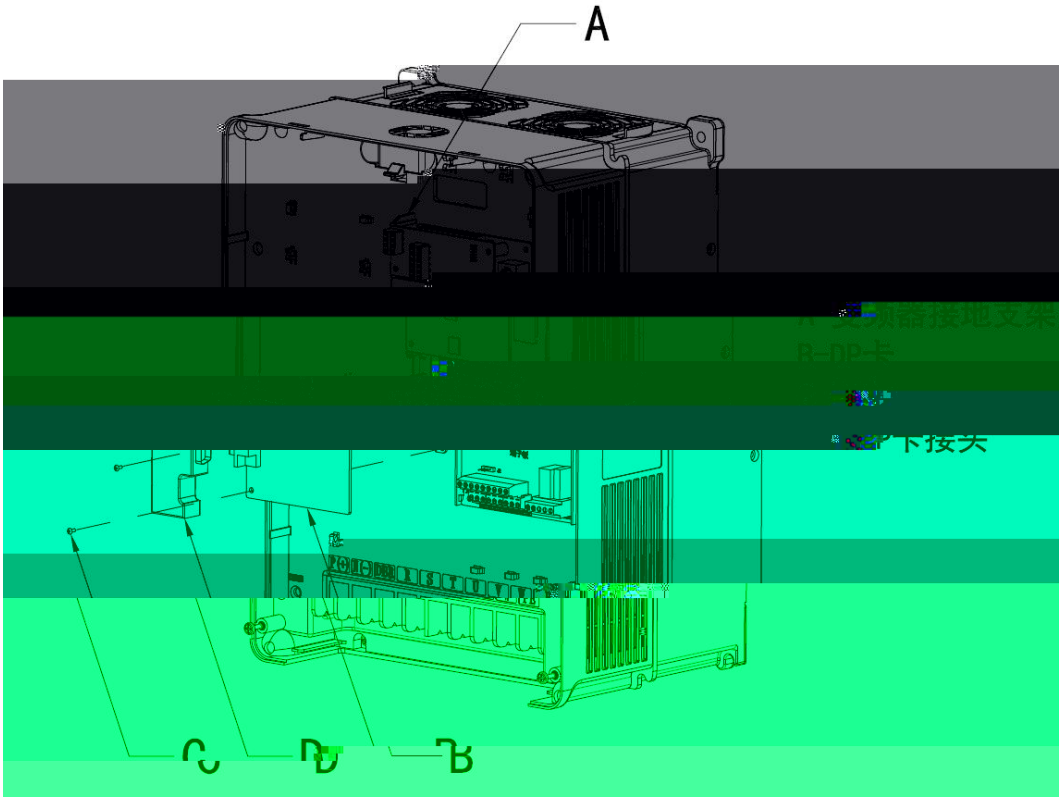


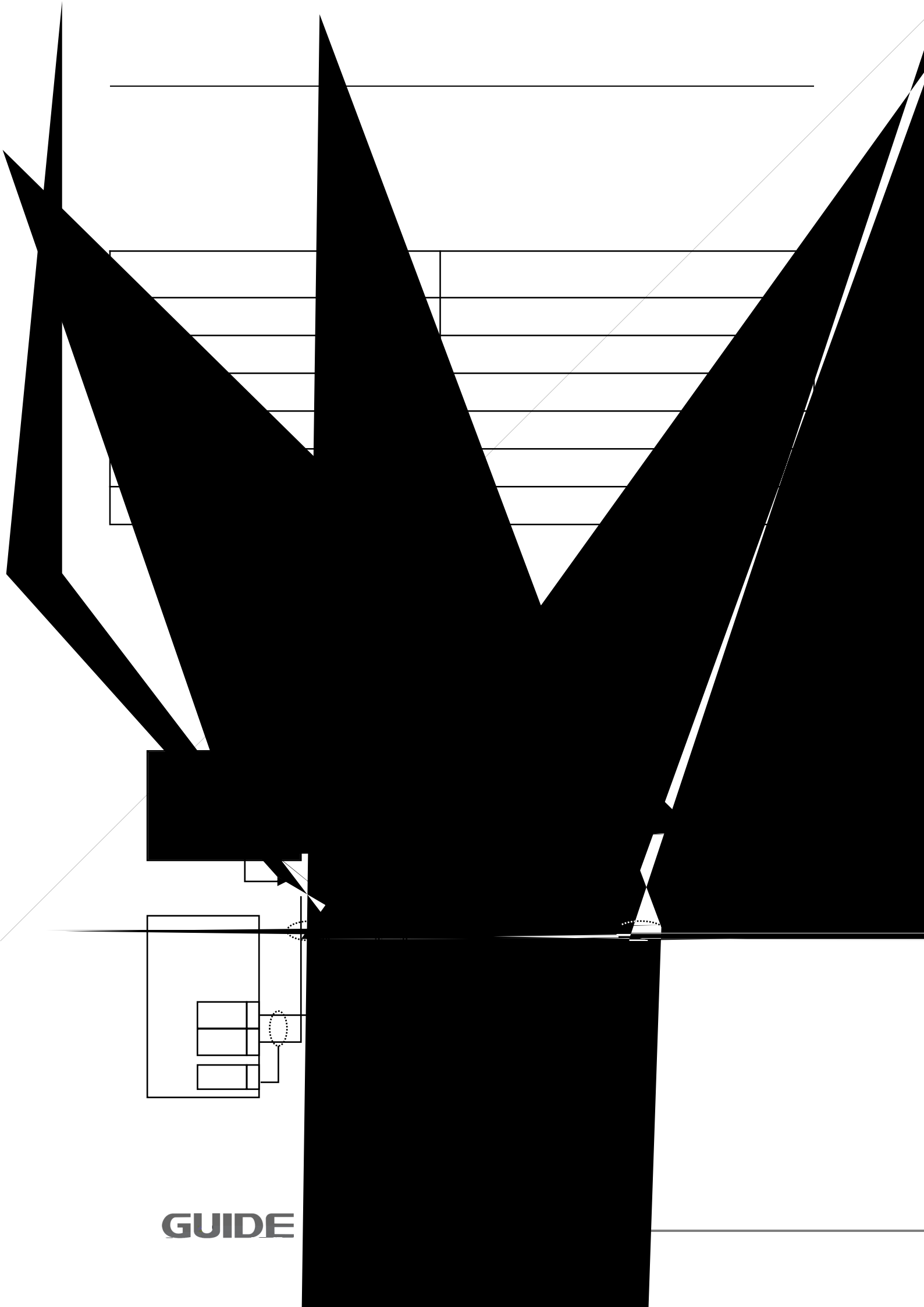

69.5
81.5
90.5
3-Ø3.5



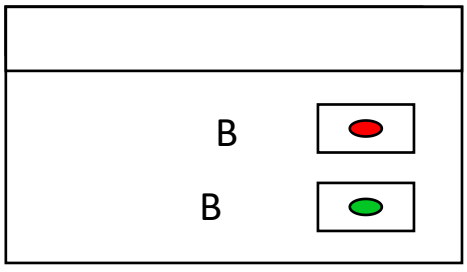

A
C-螺钉
B
C

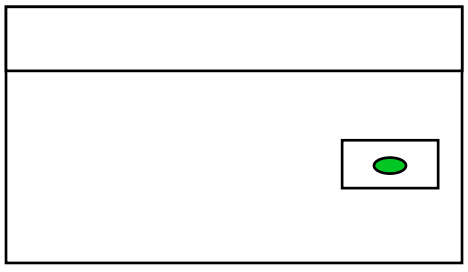

90.5
81.5
4.5
59.5
71.5

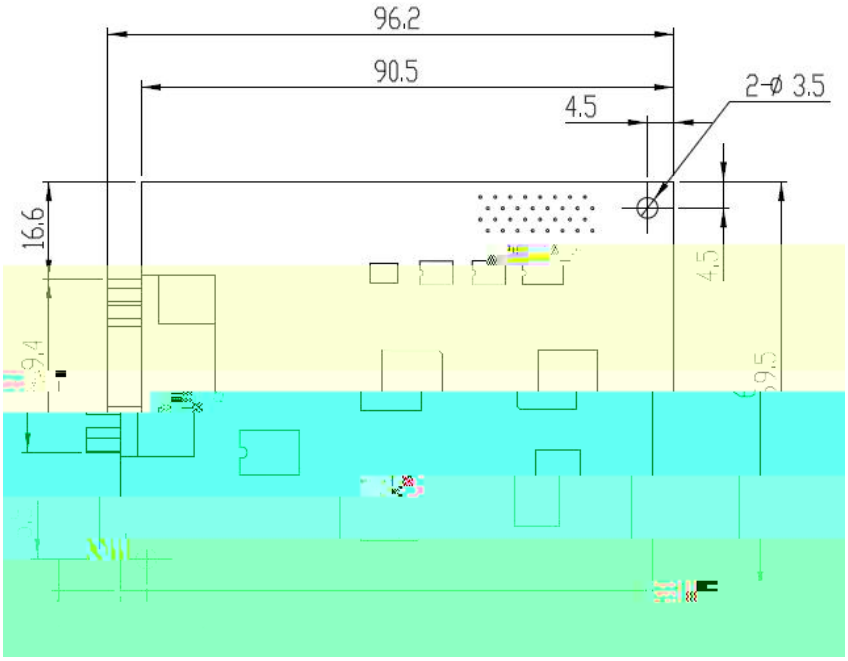

A



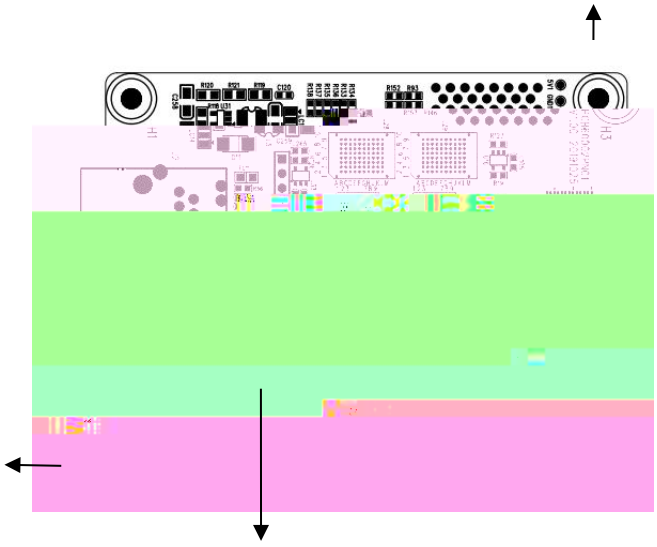
GUIDE

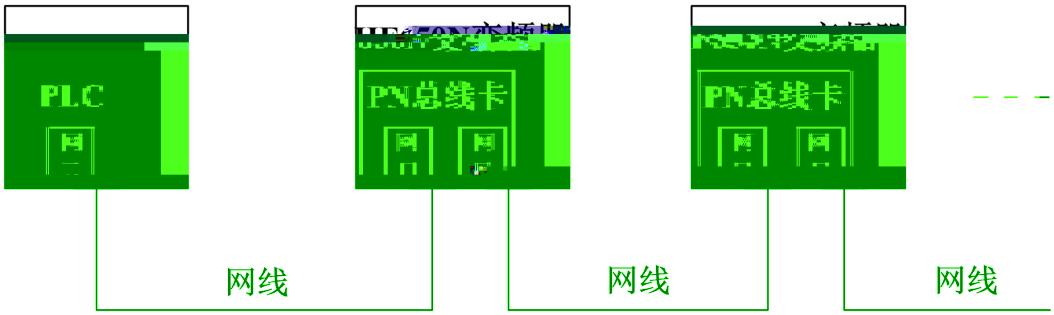

B
B

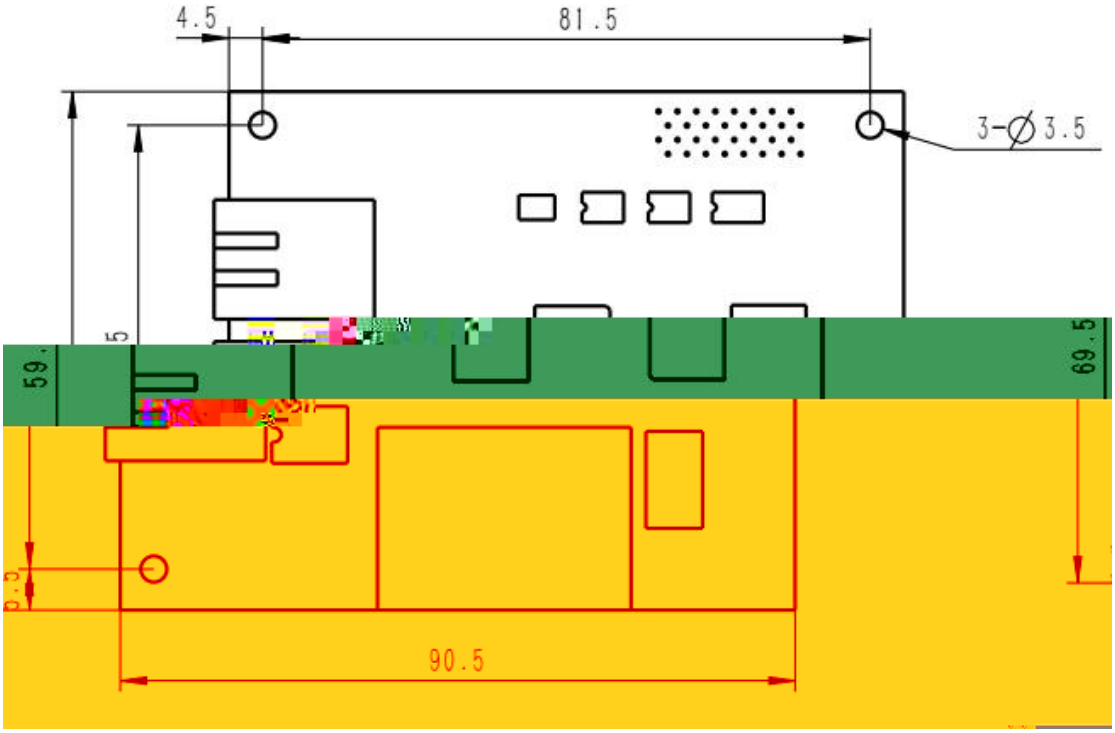



96.2
90.5
4.5
2-ϕ 3.5
16.6
4.5
9.4
9.5

-
-
-




PLC
PN总线卡
PN总线卡
网线
网线
网线


4.5
81.5
3-∅3.5
59.
69.5
90.5

HF630N01

1.00

Wuhan Guide Technology Co.,Ltd.

GDHF630N01-DOC-UM-REV1.00
2025.07