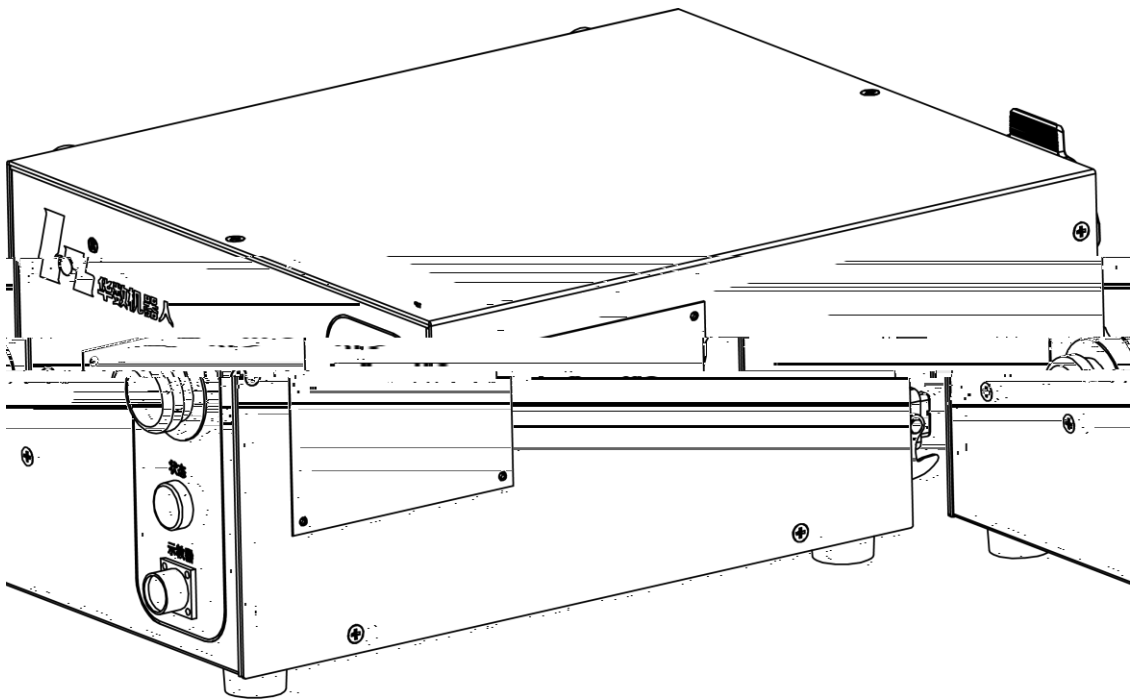




HSI

V1.4.1





HSI

HSI







1

1.1



1)

2)

3)

4)




5)

6)

7)



8)

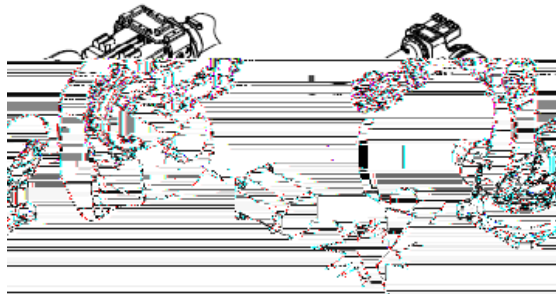
9)

 危险	
 危险	
 危险	
 危险	











1.1.2

 <p>重要</p>	
 <p>警告</p>	







...










 注意	
 注意	compact flash card
 注意	 <p>The diagram illustrates a six-step hand signal sequence for compact flash card operations:</p> <ol style="list-style-type: none">1. 接通 (Connect): 做出接通开关的动作。 (Make the action of connecting the switch.)2. 不行! 断开 (No! Disconnect): 右手高举, 左右大力地挥动。 (Right hand held high, swing left and right with force.)3. 可以吗 (确认) (Can it be confirmed?): 右手向前高高地举起。 (Right hand held high and forward.)4. 可以 (OK): 右手向前高高地举起, 拇指和食指合成一个圈。 (Right hand held high and forward, thumb and index finger form a circle.)5. 稍等 (Wait): 右手朝向对方的方向, 手臂水平伸展。 (Right hand facing the other person, arm extended horizontally.)6. 离开 (Leave): 右手臂水平伸展, 并向右侧挥动。 (Right arm extended horizontally, swing to the right.)
 注意	
 警告	
 警告	
 注意	



 注意	
 注意	
 注意	
 注意	

1. 1. 3

 注意	/
 注意	
 注意	
 危险	
 注意	
 注意	
 注意	
 注意	



1.2

1

/

2

5% 10%

2

3

50% 70% 100%

2 3

1.3

1.

1)

2)

3)

4)

5)

6)

7

2.

1)

2)

3)

5%

4)

5)



3.

1)

5%

5%

2)

3)

1.4

1)

2)

3)

4)

5)



2

2.1

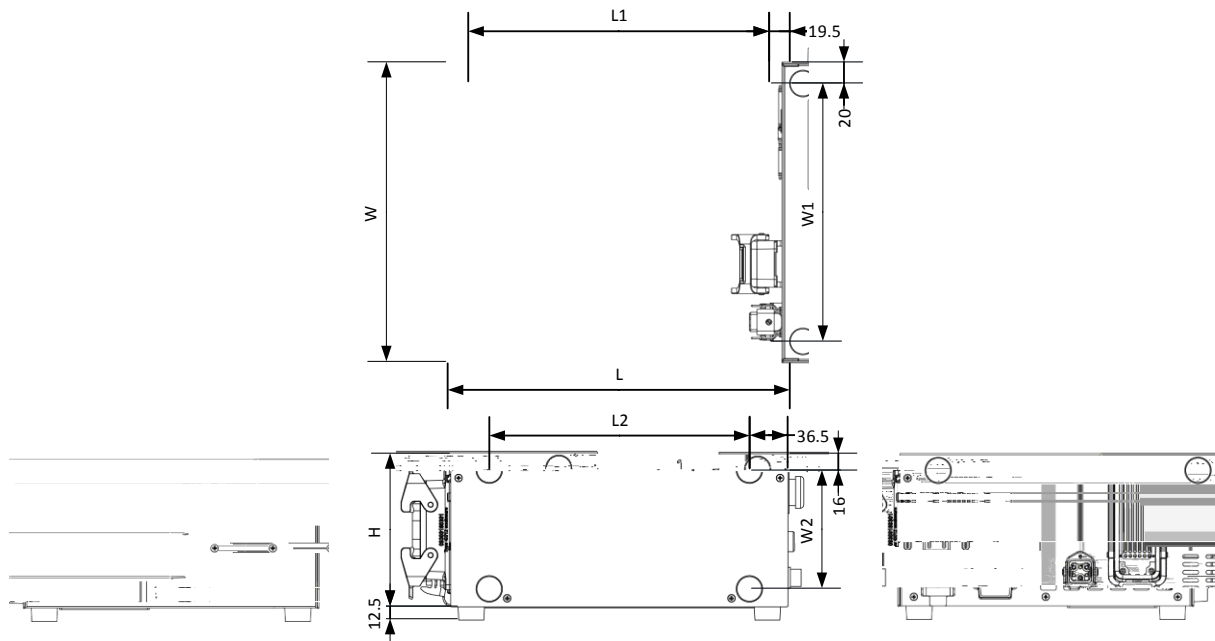
	HSI	-	A	4	1	0	0	-	S	0	1
	1	-	2	3	4	5	-	6	7		

--	--	--	--	--	--	--	--	--	--	--	--

HSI



2.2



HSI-A -S3

	Arms						mm			mm				KG
	1	2	3	4	5	6	L	W	H	L1	W1	L2	W2	
HSI-A4100	10	10	10	10	-	-	319	280	145	280	240	246	112	11
HSI-A6160	16	16	16	10	10	10	442	280	145	399	240	356	108	15



2.3



		2
		220VAC 15% 50Hz 20%
		30Arms
		30A
		400VDC
		66
		3
		24VDC 5%
		1A/
		17 2.5Mbps
		23 2.5Mbps
		5VDC
		200mA/
		17 2.5Mbps
		23 2.5Mbps
		AB
		5VDC 5% 2A
I0		24VDC 6A
		6A 5%
I0		24VDC 10%
		1A
		DIn EICOM
	X2	EICOM1 X3 EICOM2
		24VDC 10%
		10mA/
		5KHz



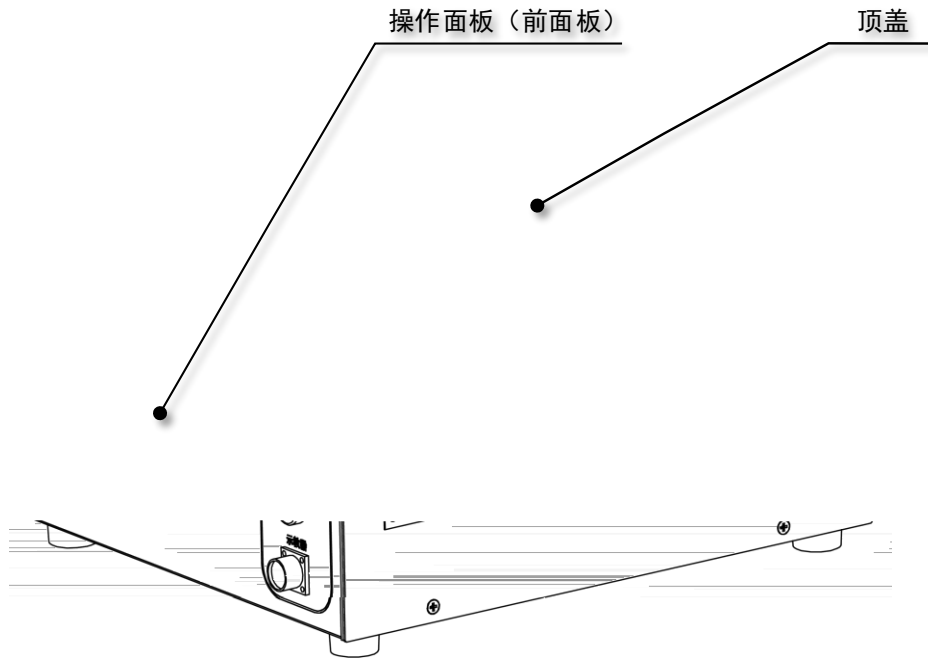
		N MOSFET	I0
			24VDC
			300mA/
			5KHz
	ST0		
	SS1		



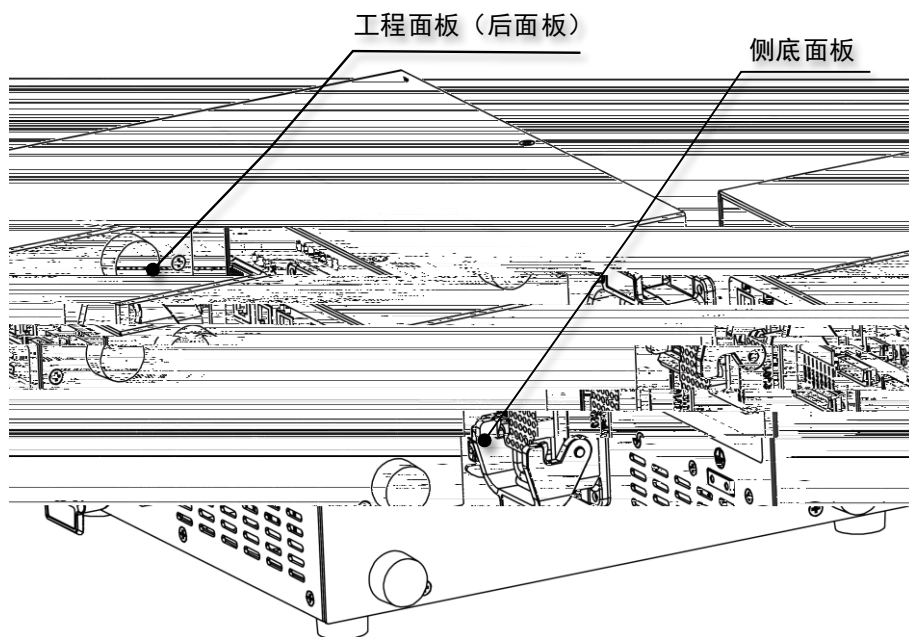
2.4

HSI

HSI



HSI-A -S3

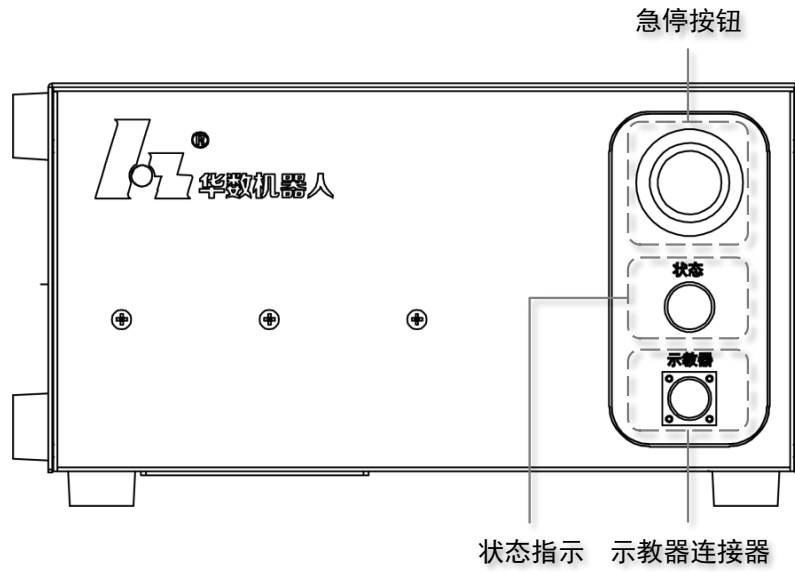


HSI-A -S3

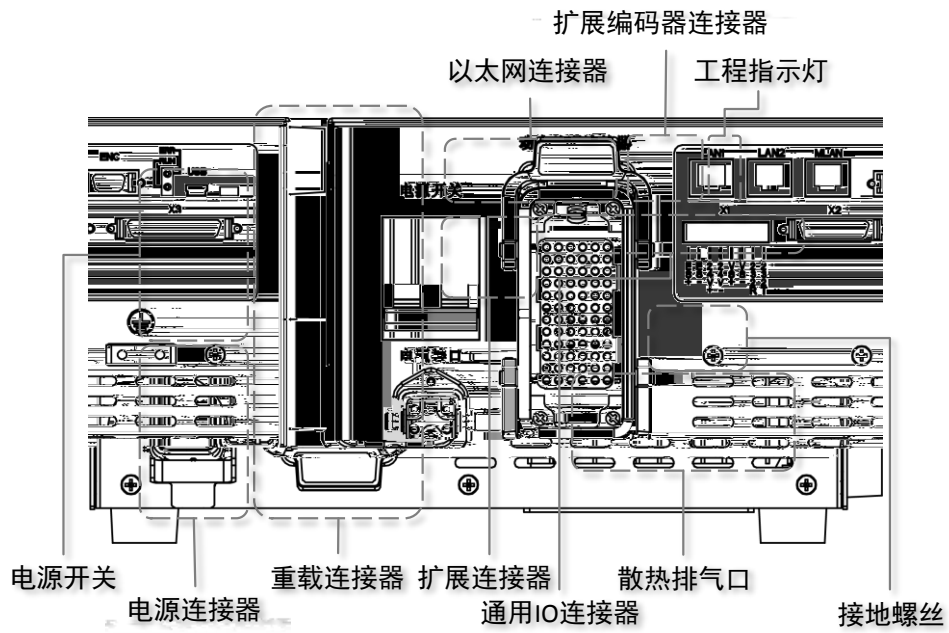


MLAN LAN1 LAN2

I0 X2 X3



HSI-A -S3



HSI-A -S3



			24V 10% NPN PNP 300mA/
			100mm
			10mm
			M6 - -



3

3.1

HSI

90%RH



3.2

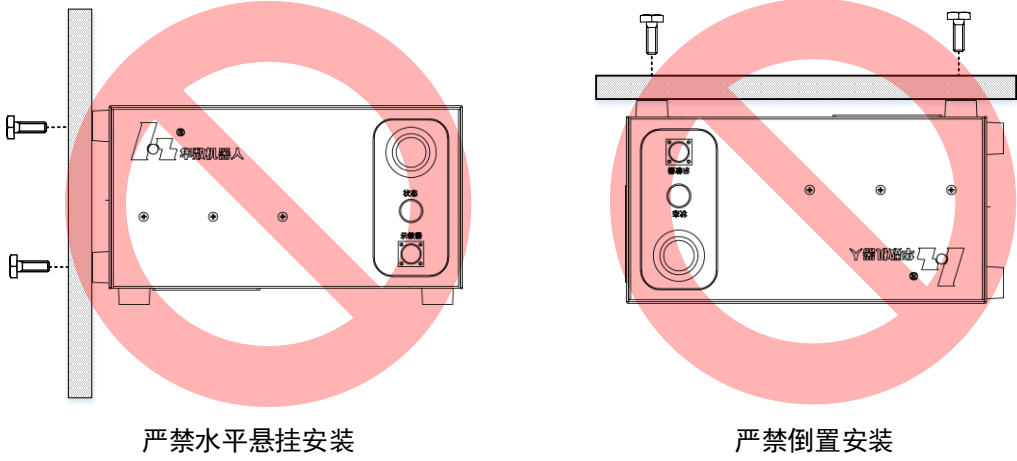
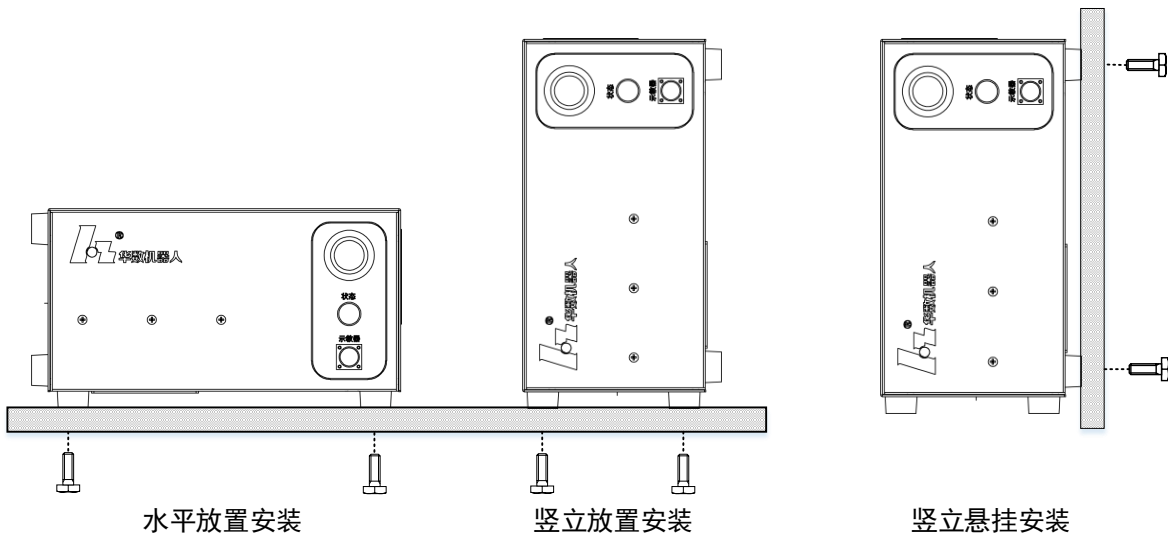
HSI



3.2.1

HSI

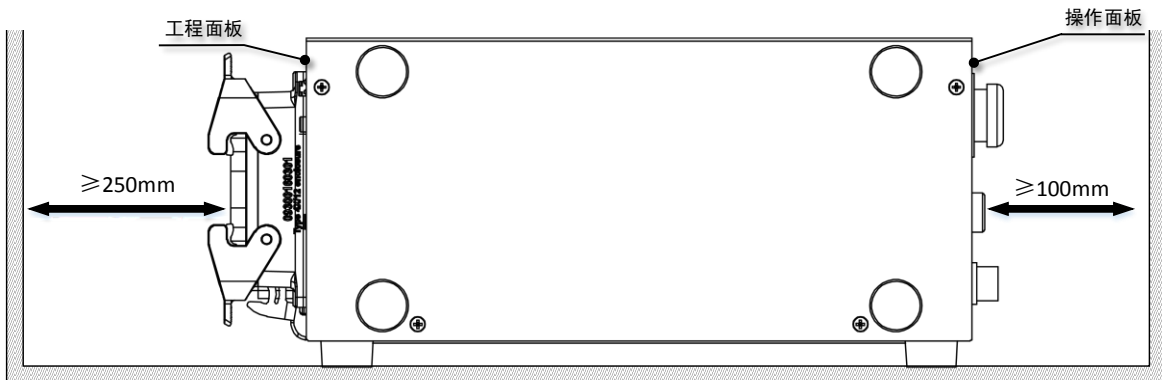
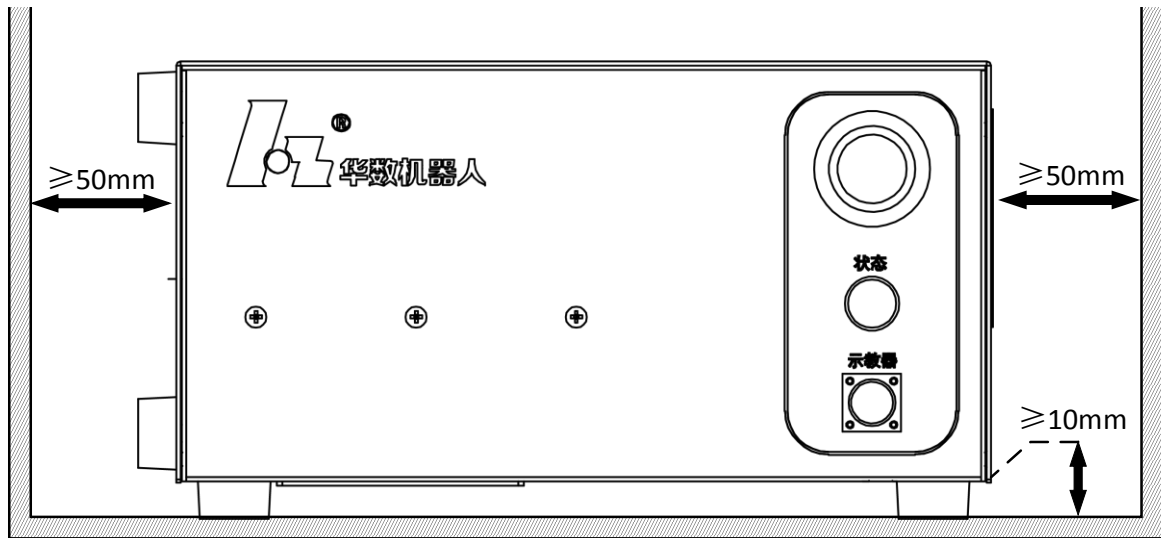
M6





3.2.2

HSI





3.3

HSI

IO

30

IO

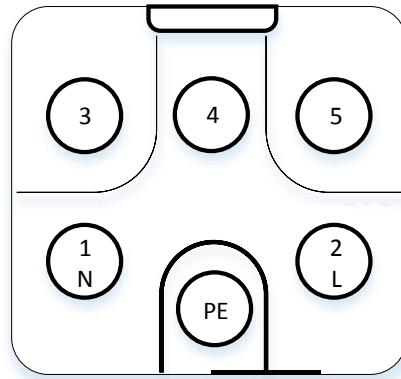
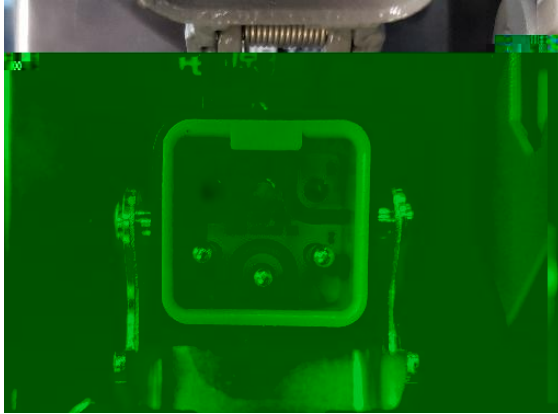
3

PE

4



3.3.1



220VAC

N

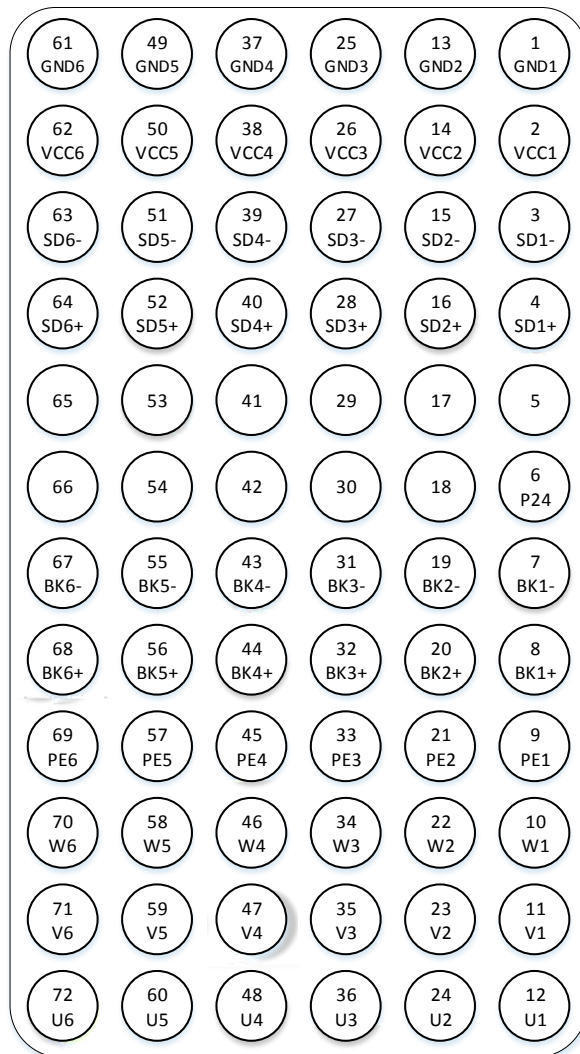
L

PE

L N	220VAC	~	220VAC 2.5mm L 220VAC N 220VAC
PE			2.5mm PE



3.3.2



72P

4 6

Un Vn Wn

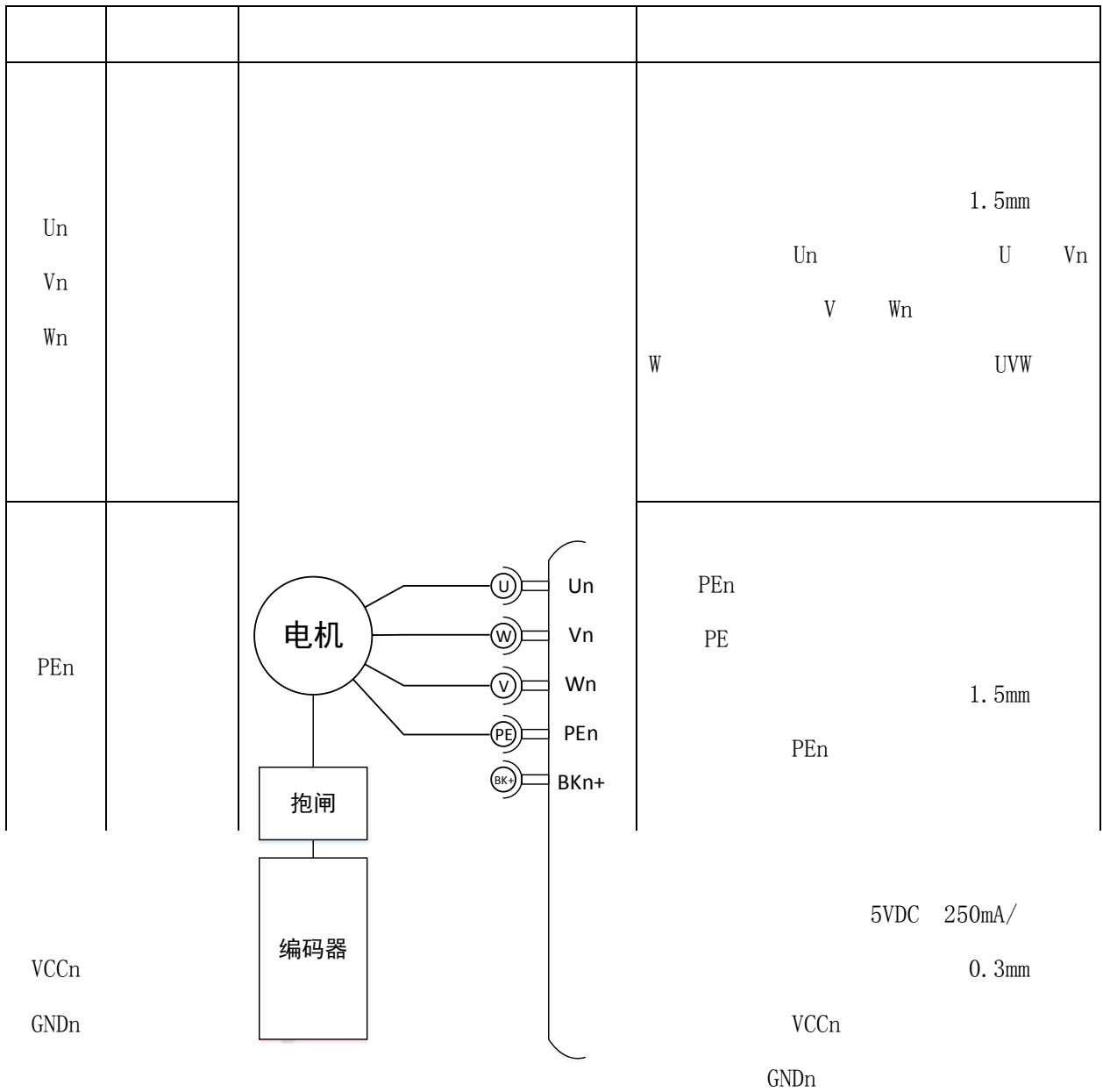
BKn+ BKn-

VCCn GNDn

SDn+ SDn- n

4

n 1~4





<p>BKn+</p> <p>BKn-</p>			<p>24VDC 500mA/</p> <p>0.3mm</p> <p>BKn+</p> <p>BK-</p> <p>BKn+</p> <p>BKn+</p>
<p>P24</p>			<p>24VDC</p> <p>3A</p> <p>0.5mm</p> <p>P24</p> <p>BK-</p> <p>BKn+</p> <p>BKn+ /</p>



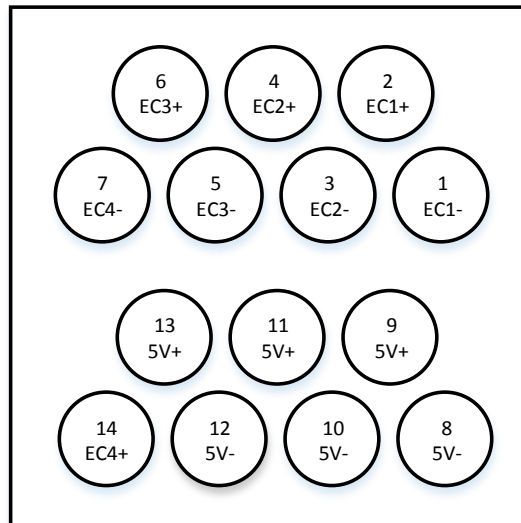
3.3.3



3		MLAN	LAN1	LAN2	MLAN
1000M/100M/10M	LAN1	LAN2			100M/10M



3.3.4



4

2

3

5V

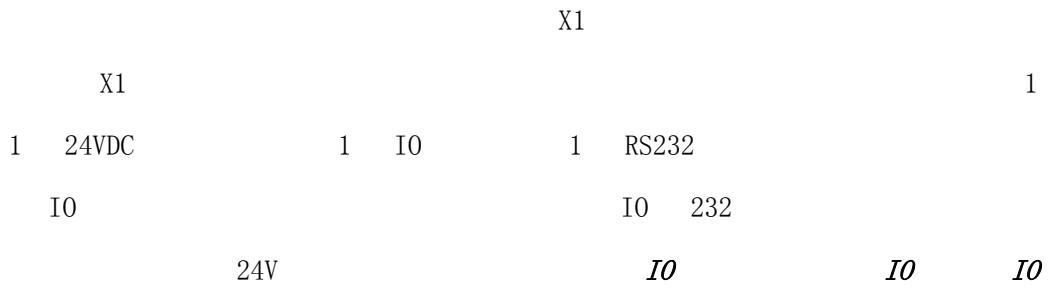
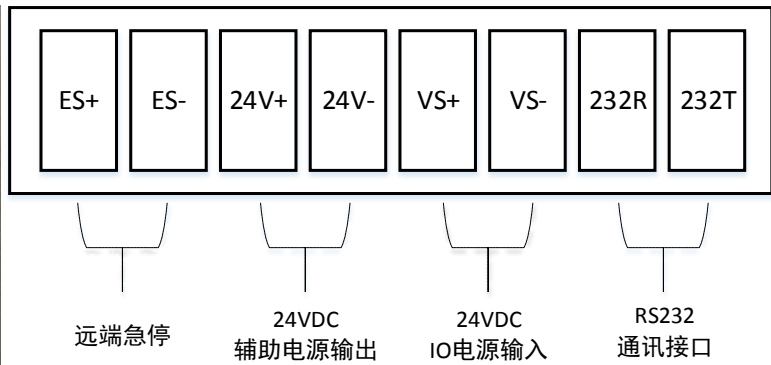
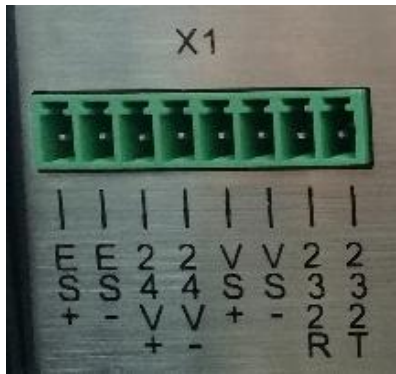
4



<p>5V+</p> <p>5V-</p>	<p>5V</p>	<p>绝对式编码器</p>	<p>5V</p> <p>5V 5% 250mA/ 0.5mm</p> <p>5V+</p> <p>5V-</p>
<p>ECn+</p> <p>ECn-</p>		<p>差分增量式编码器</p> <p>双绞屏蔽线</p> <p>NPN型单端增量式编码器</p> <p>双绞屏蔽线</p>	<p>RS485</p> <p>0.3mm</p> <p>ECn+</p> <p>ECn-</p> <p>EC1+ EC1-</p> <p>A+ A- EC2+</p> <p>EC2- B+ B-</p> <p>EC3 EC4</p> <p>A B</p> <p>NPN EC1+</p> <p>EC2+ 1KR/1W</p> <p>R1 R2 5V+</p> <p>A B 5V+ 5V-</p> <p>510R/1W R3 R4 0.5</p> <p>VCC EC1-</p> <p>EC2-</p>



3.3.5



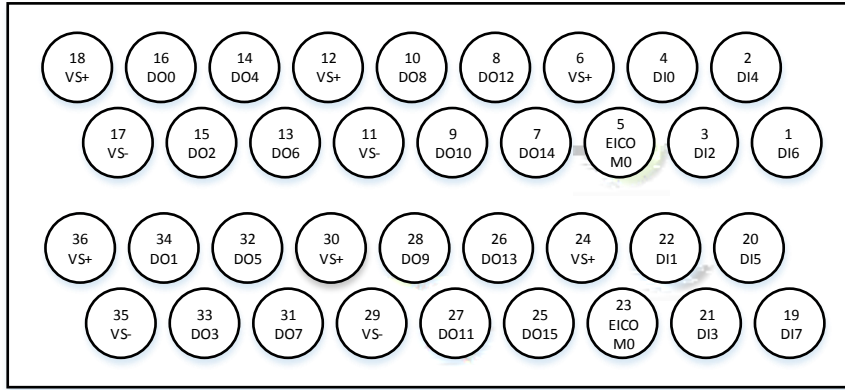
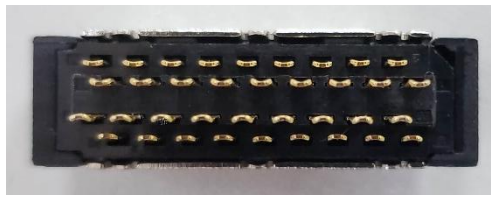
X1



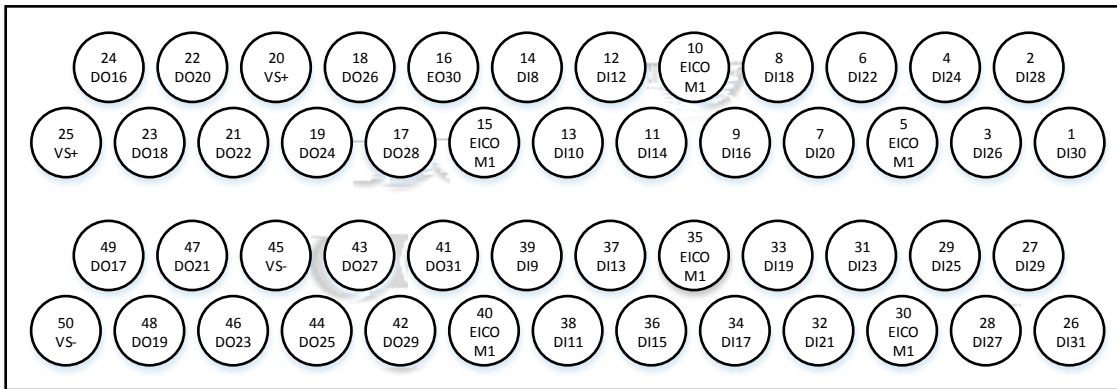
<p>VS+</p> <p>VS-</p>	<p>IO</p>		<p>IO</p> <p>24V</p> <p>24V 10%</p> <p>1.5mm</p> <p>VS+</p> <p>24V+</p> <p>VS-</p> <p>24V-</p>
<p>232R</p> <p>232T</p>	<p>RS232</p>		<p>RS232</p> <p>0.3mm</p> <p>232R</p> <p>RS232 TxD 232T</p> <p>RS232 RxD</p>



3.3.6 I0



I0 X2



I0 X3

I0	32		32		64	I0
X2	X3					
X2	36P	4	2	EICOM0	8	16
X3	50P	2	6	EICOM1	24	16



I/O

<p>VS+ VS-</p>	<p>I/O</p>		<p>VS+ VS- 2A 0.5mm 24V VS+ VS- I/O VS+ VS-</p>
<p>DIn EICOM</p>			<p>DI1~DI32 EICOM1 DI1~DI8 EICOM2 DI9~DI32 DIn ECIOM DIn ECIOM 24V 0.3mm 24V EICOM 24V DIn DIn DIn 24V</p>



<p>D0n</p>			<p>D0n 300mA</p> <p>F1</p> <p>VS-</p> <p>D0n</p> <p>D0n VS-</p> <p>0.5mm</p> <p>24V</p> <p>VS+ VS- VS+</p> <p>D0n</p> <p>D0n</p> <p>D0n VS-</p> <p>250mA</p>
------------	--	--	--



<p>I0</p>	<p>24V直流电源</p>	<p>I0</p> <p>PLC</p> <p>0.3mm</p> <p>24V</p> <p>VS+ VS- DIn</p> <p>DOn EICOM</p> <p>VS+</p>
<p>I0</p>		<p>I0</p> <p>PLC</p> <p>0.3mm</p> <p>24V</p> <p>VS+ VS- DIn</p> <p>DOn EICOM</p> <p>VS+</p>



<p>PNP</p>		<p>PNP</p> <p><i>EICOM</i></p> <p><i>NPN PNP</i></p> <p>0.5mm</p> <p>24V</p> <p>VCC 24V</p> <p>EICOM PNP GND</p> <p>DIn PNP</p>
<p>NPN</p>		<p>NPN</p> <p><i>EICOM</i></p> <p><i>NPN PNP</i></p> <p>0.3mm</p> <p>24V</p> <p>EICOM NPN VCC 24V</p> <p>NPN GND</p> <p>DIn NPN</p>
		<p>DOn 4.7KR/1W</p> <p>VS+ VS-</p> <p>I0</p> <p>0.3mm</p> <p>24V</p> <p>VS+ VS- DOn</p> <p>VS+</p>



3.4

3.4.1

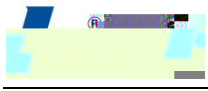
1	
2	
3	
4	
5	
6	
7	
8	



4

4.1

1	0x8000F800			1 2	1 codesys 2
2	0x8000F100		220VAC	1 2 3 4	1 2 IO 3 IO 4 220VAC 10%
3	0x8000F102			230VDC 1 2 3	1 2 220VAC 10% 3
4	0x8000F103			420VDC 1 2 PE 3	1 2 3



5	0x8000F200			<p>1</p> <p>2</p> <p>3</p> <p>4</p>	<p>1</p> <p>2</p> <p>3</p> <p>4</p>
6	0x8000F121		24V	<p>1</p> <p>2</p> <p>3</p>	<p>1</p> <p>2</p> <p style="text-align: right;">BKn+ BKn-</p> <p>3</p>
7	0x8000F131		24V	<p>1 24V</p> <p>2 24V IO</p> <p> PE</p> <p>3 24V</p> <p> 6.5A</p> <p>4 24V</p> <p> 24V</p> <p>5</p>	<p>1</p> <p>24V</p> <p> 24V+ 24V-</p> <p>2 IO</p> <p>24V IO</p> <p> VS+ VS- VS+ PE</p> <p>3</p> <p> 24V</p> <p>24V 2</p> <p>4</p> <p>5</p>
8	0x8000F021			<p>global.SvTemp</p> <p> IpmTempLimit</p> <p>1</p> <p> IpmTempLimit</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p>	<p>1</p> <p>global.SvTemp 0~8500</p> <p> IpmTempLimit</p> <p> 8500</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p>



9	1	0x80001020			1
	2	0x80002020			2
	3	0x80003020			3
	4	0x80004020			4
	5	0x80005020			
	6	0x80006020			
10	1	0x80001021			1
	2	0x80002021			2
	3	0x80003021			3
	4	0x80004021			4
	5	0x80005021			
	6	0x80006021			
11	1	0x80001022			1
	2	0x80002022		3.6V	3.6V
	3	0x80003022			
	4	0x80004022			
	5	0x80005022			
	6	0x80006022			

12	1	0x80001023			1
	2	0x80002023			2
	3	0x80003023			
	4	0x80004023		1	
	5	0x80005023			
	6	0x80006023		2	





17	1 0x80001310 2 0x80002310 3 0x80003310 4 0x80004310 5 0x80005310 6 0x80006310			1 2 3 4 5	1 2 3 4 5
18	1 0x80001004 2 0x80002004 3 0x80003004 4 0x80004004 5 0x80005004 6 0x80006004		FO	1 2 3 4	1 2 3 4
19	1 0x80001010 2 0x80002010 3 0x80003010 4 0x80004010 5 0x80005010 6 0x80006010		U AD	1 2	1 2
20	1 0x80001011 2 0x80001011 3 0x80001011 4 0x80001011 5 0x80001011 6 0x80001011		U AD	1 2 3 4 5 6 AD	1 2 3 4 5 6



21	1	0x80001014				
	2	0x80002014	V	AD	1	
	3	0x80003014			2	1
	4	0x80004014				2
	5	0x80005014				
	6	0x80006014				

ADC U V
ADC

1 CRC 1
2

22	1	0x80001015				
	2	0x80001015				3
	3	0x80001015	V	AD	2	
	4	0x80001015			3	
	5	0x80001015				
	6	0x80001015			4	

5

6

AD



				Iq *	
					1
					2
			1	CRC	3
24	1 0x80001123				
	2 0x80002123		2		4
	3 0x80003123				
	4 0x80004123		3		5
	5 0x80005123				
	6 0x80006123		4		6
			5		
			6		100~150 100~1000

	1 0x80001009	
	2 0x80002009	
25	3 0x80003009	IPM
	4 0x80004009	
	5 0x80005009	
	6 0x80006009	



4.2

1			
2			
3			







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