

S C A R A

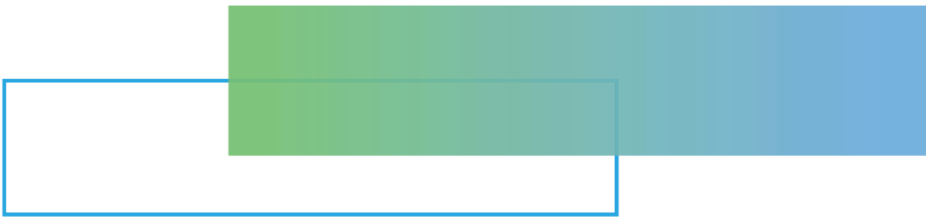
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- -
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2.1		

■



	SCARA
	...



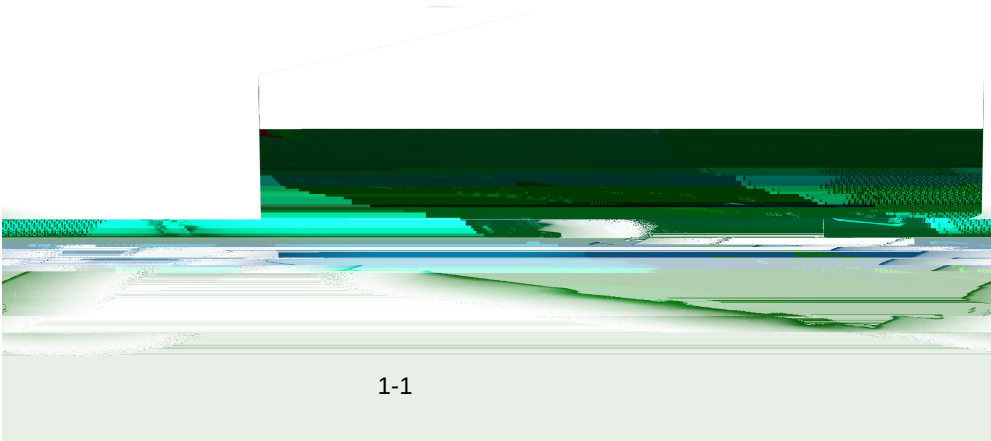
		1
1.1		2
1.2		2
1.3		3



SCARA

IO

1.1



1.2



1-2

1-1

	S/N P/N

1.3

1	
HRC	

2	
2	

3	
A	220V
S	220V
T	380V

4	
J	J3
X	X3
Y	Y7

6	
-	
F	
M	

- 1.
2.



2.1

.....	4
.....	5



2.1

2-1

2-1					
kg		3	6	10	20

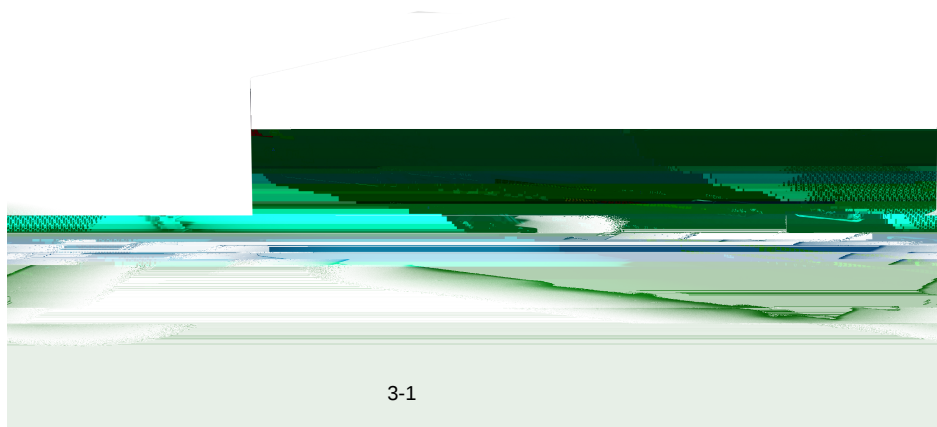


	.....	6
3.1	.....	7
3.2	.....	7
3.3	.....	7



3.1

- 1.
- 2.



3.2

1. -20°C +65°C
2. 0% 90%
- 3.

3.3

- 1.
- 2.
- 3.
- 4.

1. 0°C 55°C
- 2.
- 3.
- 4.
- 5.
- 6.



..... 8



1.

NC

2.

3.



	.....	10
5.1	.....	12
5.2	.....	12
5.3	.....	13
5.3.1	.....	13
5.3.2	EtherCAT	13
5.3.3	EtherNet	14
5.3.4	RS485/RS232	14
5.3.5	.....	15
5.3.6	.....	15
5.3.7	.....	16
5.3.8	.....	17
5.3.9	IO	18

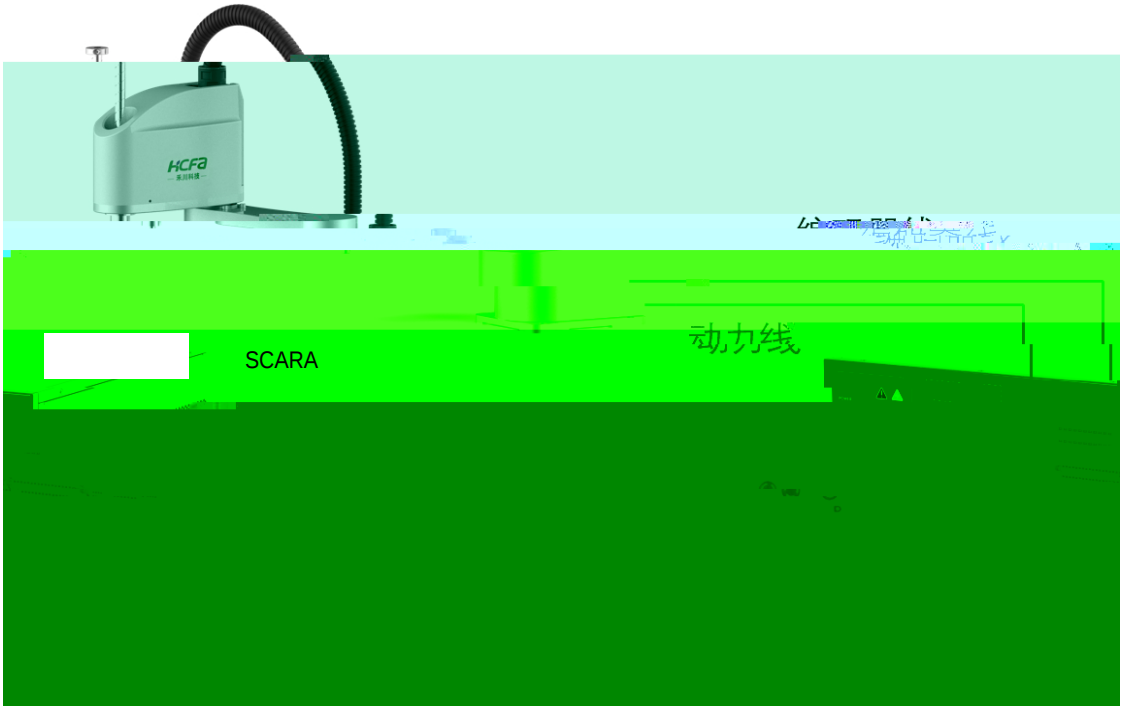


...

	
	
	DC AC
	U V W 10

/

IO



5-1

[illegible]

5.2

- MOTOR
ENC

- TP

- 16A

10

PNP NPN

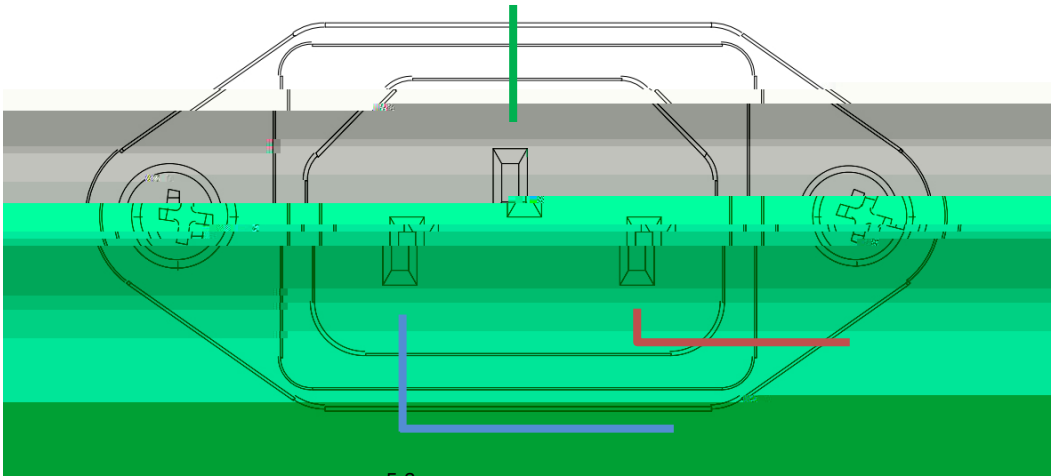
 NPN

5.

5.3

5.3.1

200-240V 50/60HZ 1.5mm²



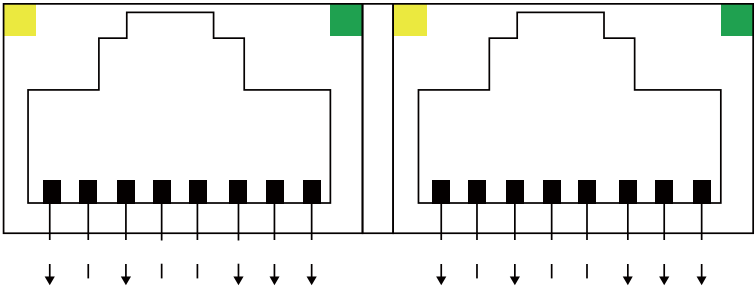
5-2

1	L	AC220V
2	N	
3	PE	

5.3.2 EtherCAT

EtherCAT RJ45 8 100M, IO

8



5-4 EtherCAT

5-3 EtherCAT

1	TX+	+	5		—
2	TX-	-	6	RX-	-
3	RX+	+	7		—
4		—	8	GND	

5.3.3 EtherNet

EtherNet/IP

TCP/UDP

IEEE802.3U

EtherNet/IP

I/O

/

/PLC/

5-4 EtherNet

1	TXP	+	5		—
2	TXN	-	6	RXN	-
3	RXP	+	7		—
4		—	8	GND	

5.3.4 RS485/RS232

RS485/232

4800-115200

RS485

500

32

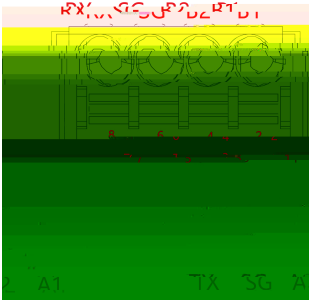
RS232

15

RS232

1

5



:

5-5 RS485/232

5.3.5

SCARA

“ ”

5-6 TP

1	EtherNet TX+	+	9	A	A
2	EtherNet TX-	-	10	24V	24V
3	EtherNet RX+	+	11	24V	24V
4	EtherNet RX-	-	12	0V	0V
5	COM		13	0V	0V
6	NO		14	PE	
7	NC		15	ST2	2
8	B	B	16	ST1	1

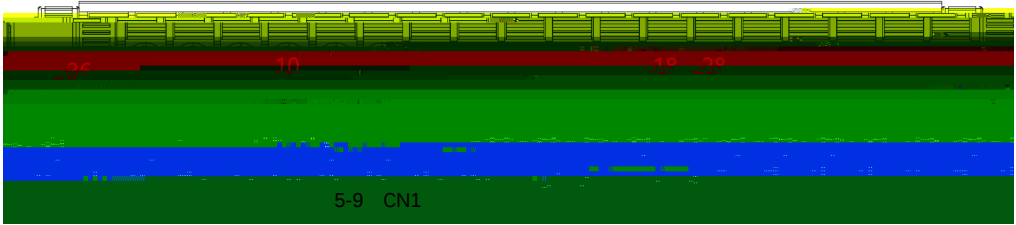
5.

5-7 ENC

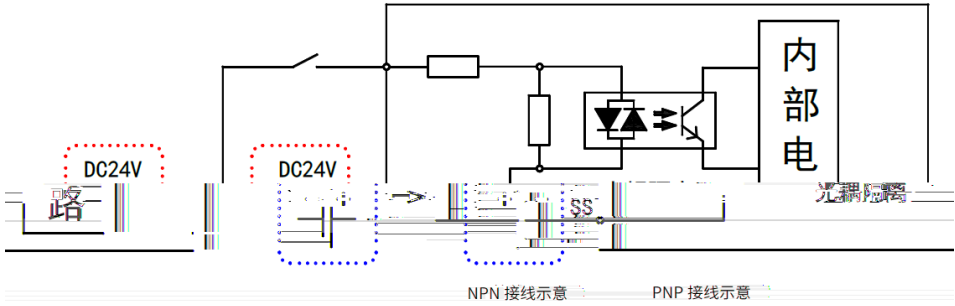
			13	J3D+	J3 +
			17	J1-J2屏蔽线	J1-J2
5	J3-J4屏蔽线	J3-J4	18	J2GND	J2 -
6	J4GND	J3 -	19	J2BAT+	J2 +
7	J4BAT+	J4 +	20	J2D-	J2 +
8	J4D-	J4 +	21		4

5.3.8

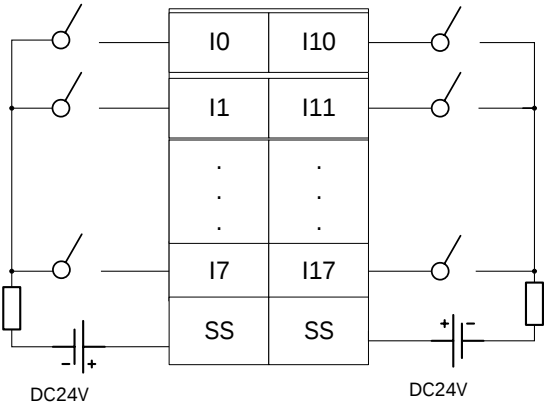
				24V	
	SS				
	DC24V	+20%~-15%	4.86K Ω	7mA/DC24V,	5KHz,
0.1ms		1.5KVrms			
	NPN	0.25A/	5KHz	0.1ms	
1.5KVrms					

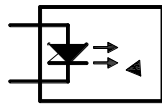


5-9 CN1

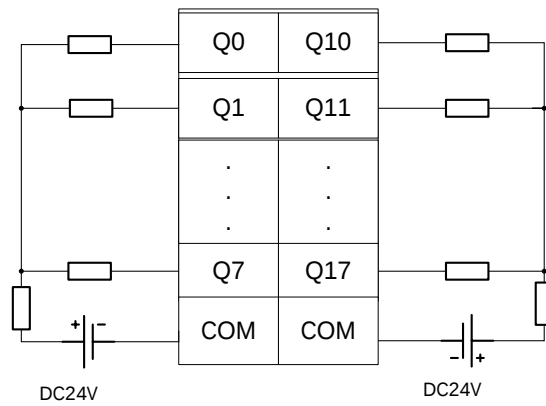


5-10 CN1

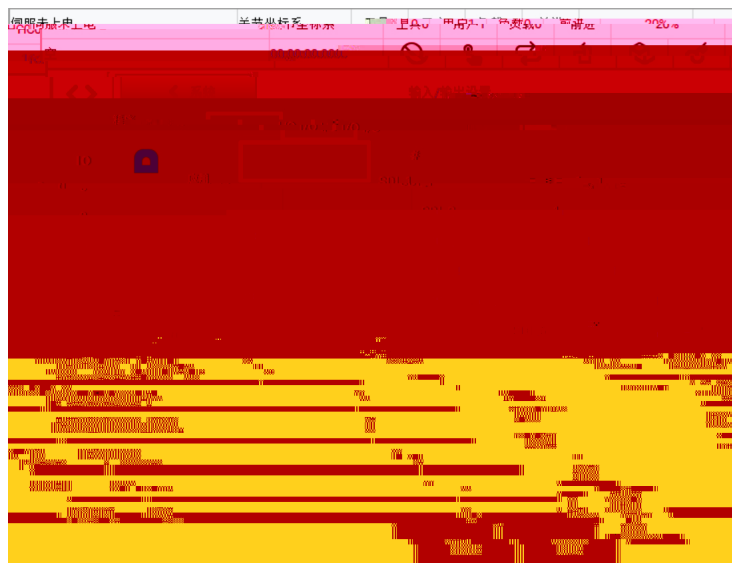




5-12 CN1



5-13 CN1



5-14



	.....	19
6.1	.....	20
6.2	.....	20







	.....	21
7.1	.....	22
7.2	.....	22



7.1



重 要

Err.097

3.0V Err.015 15 3.0V

Err.012 2.7 V

5

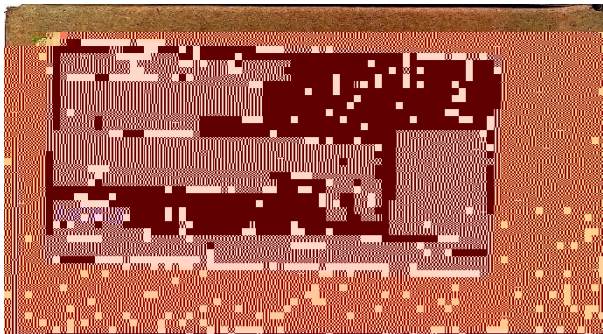
7-1

7-1

	SV-ENC-BAT
	3.6V
	2.7Ah
(D x H)	17 mm x 55 mm
	25g

7.2

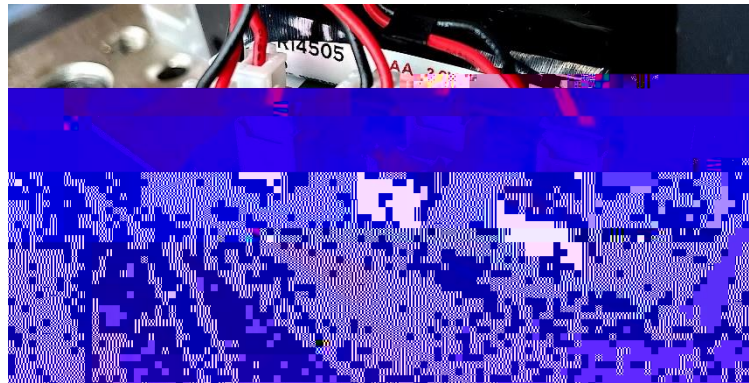
1



2



3



4 “ L ”

5 4 “ L ”

6

7

hCF



HCFA



ATC