

400-012-6969



浙江禾川科技股份有限公司
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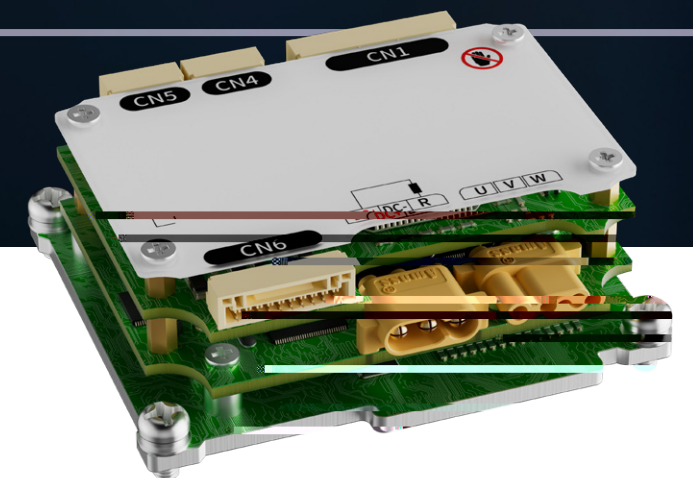
总部基地：浙江省衢州市龙游县工业园区亲善路5号

EtherCAT®为德国倍福自动化有限公司所有；
本手册中记载的其它产品，产品名称以及产品的商标或注册商标归各公司所有，并非本公司产品。



Micro size,
Macro control !

D5



SV-D5

/RS485 EtherCAT

3C

EtherCAT[®]
Technology Group

Modbus

Micro Size



52*63*21mm



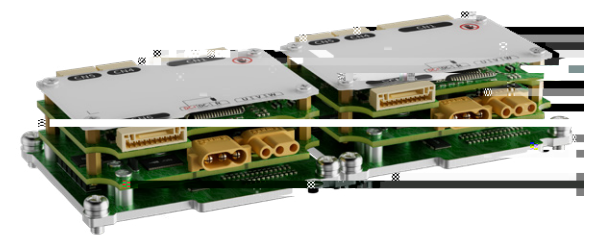
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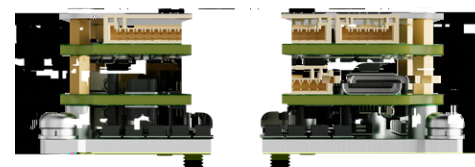
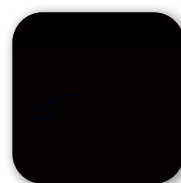
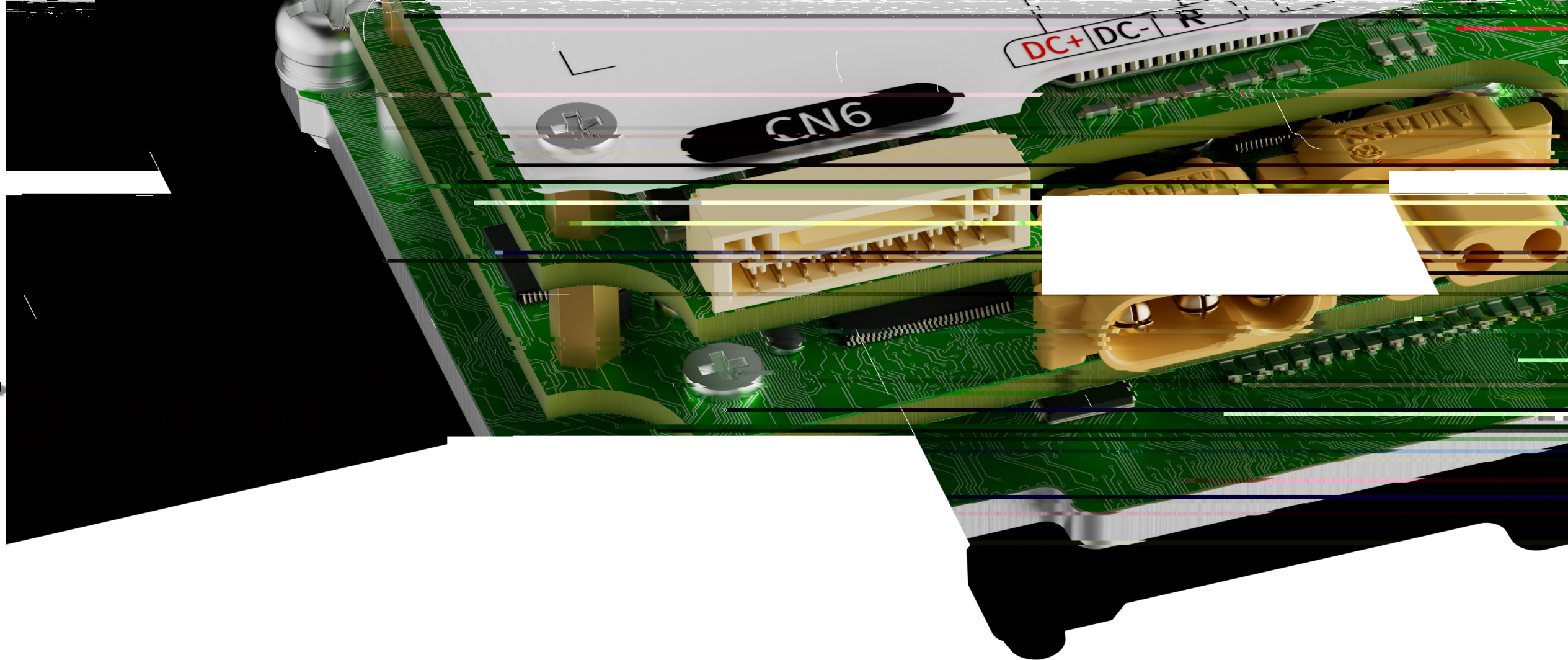
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1R0 3R5 100W

3



Macr





SV-D5	D5

A	/RS485
B	EtherCAT
N	CANopen/ *

D	DC 24-60V

1R0	1A
3R5	3.5A
015	15A
021	21A

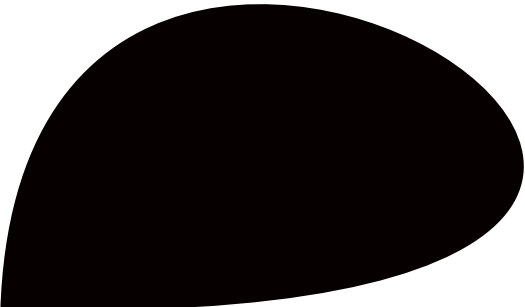
0	STO
S	STO

A	
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Y	/
V	/RJ45 ()*
U	/ ()

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DC 24-60V



	SV-D5BD-***-0A*	SV-D5BD-***-SA*	SV-D5AD-***-0A*	SV-D5AD-***-SA*
STO	-	√	-	√
IO	5DI/3DO	5DI/3DO	5DI/3DO	5DI/3DO
	-	-	2AI	2AI
	-	-	√	√
	√	√	√	√
	√	√	√	√
	-	-	-	-



1	SV-D5BD-1R0-0A*	SV-D5BD-1R0-SA*	SV-D5AD-1R0-0A*	SV-D5AD-1R0-SA*
3.5	SV-D5BD-3R5-0A*	SV-D5BD-3R5-SA*	SV-D5AD-3R5-0A*	SV-D5AD-3R5-SA*
15	SV-D5BD-015-0A*	SV-D5BD-015-SA*	SV-D5AD-015-0A*	SV-D5AD-015-SA*
21	SV-D5BD-021-0A*	SV-D5BD-021-SA*	SV-D5AD-021-0A*	

*

Y

/

V

/RJ45

2026

■

SV-D5□D-***-□AY		1R0	3R5	15	21
(W)		10W	100W	400W	750W
[Arms]		1	3.5	15	21
[Arms]		2.5	8.5	37.5	52.5
		DC 24-60V			
	Ω	≥7	≥7	≥7	≥7
	W	≥80	≥80	≥80	≥100

■ EtherCAT

	EtherCAT					
	CoE(PDO SDO)					
	DC_ synchronous					
	100M bit/s					
	100BASE-TX					
	2	100				
	128					
	ESI XML					
PDO	5 TxPDO	5 Rx PDO				
	profile position mode (profile speed mode) profile torque mode (homing mode) Cyclic synchronous position mode Cyclic synchronous velocity mode Cyclic synchronous torque mode					
	5 DI					
	3 DO					
USB	PC HCS-studio					
	500us 1ms 2ms 4ms 8ms					

■

		SVPWM			
		-FG DC 500V 1			
		5 DC24V			
		3 DC24V			
		2			

■ CN6

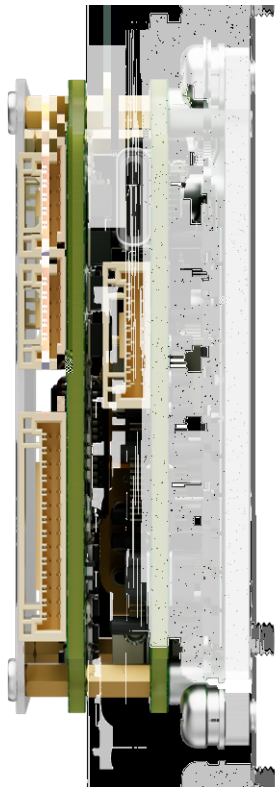
1	VCC	
2	GND	
3	DATA-	
4	DATA+	
5	A-	A
6	A+	
7	B-	B
8	B+	
9	Z-	Z
10	Z+	

■

DC+		
DC-		
R	DC+/R	

■

U	U
V	V
W	W



■ CN4(IN)/CN5(OUT) EtherCAT

1	ECAT_TX-	
2	ECAT_TX+	
3	PE	
4	ECAT_RX-	
5	ECAT_RX+	

■ CN2 STO

1	-	-
2	-	-
3	STO1+	2
4	STO1-	
5	STO2+	
6	STO2-	
7	STO_OUT+	
8	STO_OUT-	

■ CN1 IO

1	DI1	1
2	DI2	2
3	DI3	3
4	DI4	4
5	DI5	5
6	DI_COM	
7	DO1+	1
8	DO1-	
9	DO2+	1
10	DO2-	
11	DO3+	1
12	DO3-	
13	485-	RS485
14	485+	

DI DO

■ CN4(IN)/CN5(OUT) 485

1	RS485-	
2	RS485+	
3	/	/

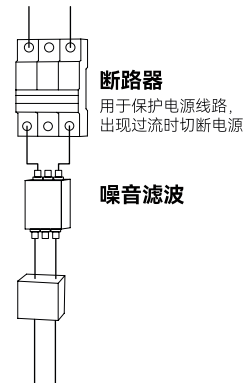
■ CN6

1	VCC	
2	GND	
3	DATA-	
4	DATA+	
5	A-	A
6	A+	
7	B-	B
8	B+	
9	Z-	Z
10	Z+	

■

DC+	
DC-	
R	DC+/R

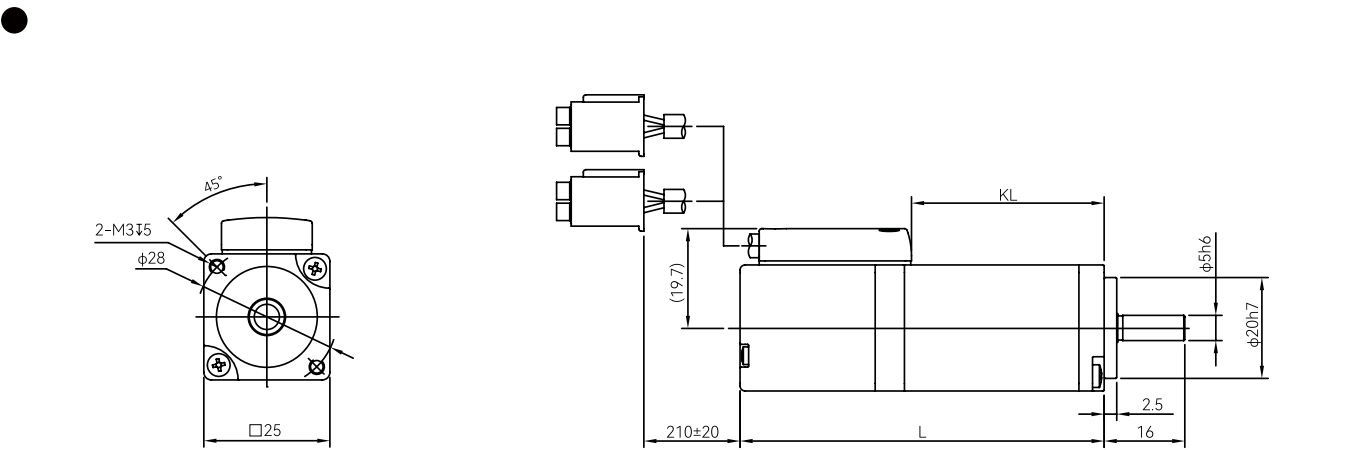
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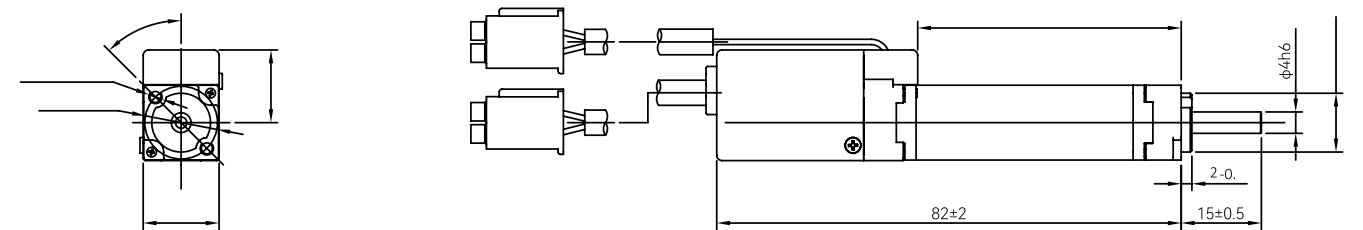
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	DC24 V/DC48 V*3					
W	2.4	10	20	30	40	50
	24A-N6PA	1A-N6PA	2A-N6PA	3A-N6PA	4A-N6PA	5A-N6PA
mm	14	25				
kg	0.11	0.114	0.143	0.161	0.202	0.225
N · m	0.023	0.032	0.064	0.095	0.127	0.159
N · m	0.06	0.096	0.192	0.287	0.381	0.477
Arms	0.6	2.04	1.82	2.7	3.64	3.02
Arms	1.59					

SV-X6MN001A-N□P□	10W	60	26
SV-X6MN002A-N□P□	20W	69	35
SV-X6MN003A-N□P□	30W	74	40
SV-X6MN004A-N□P□	40W	86	52
SV-X6MN005A-N□P□	50W	95	61



● SV-X6MN0024A-N6P* 2.4W







LC

LZ

LA

LL



• SVCAB-ECAT01-1.0M-D5

