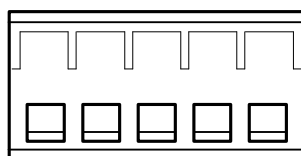


1. Main Power Terminal

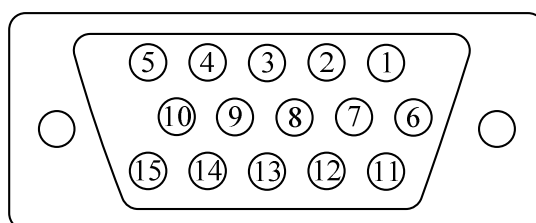


1 2 3 4 5

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Terminal	Name	Terminal symbol	Function
1	GND	GND	Power supply terminals.
2	Input power	+VDC	
3	Servo motor output	U	Connect to the servo motor power supply terminals (U, V, W).
4		V	
5		W	

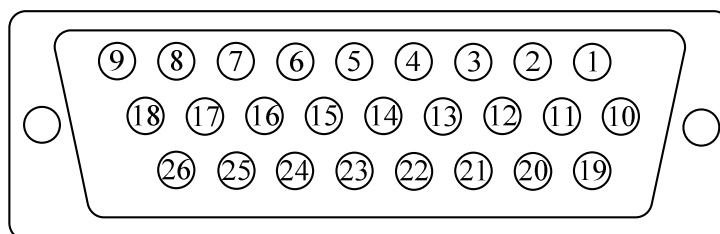
2. Encoder Signal Input Terminal CN1



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Terminal number	Name	Function		
		Symbol	I/O	Description
12	Power supply(5V)	+5V		The power supply and public ground of encoder. It is necessary to use a parallel multi-cored wire to reduce the pressure drop of wires.
13	Public ground	0V		
1	Encoder A+ input	A +	Type7	Connect with the electro-optic encoder A+.
6	Encoder A- input	A -		Connect with the electro-optic encoder A-.
2	Encoder B+ input	B +	Type7	Connect with the electro-optic encoder B+.
7	Encoder B- input	B -		Connect with the electro-optic encoder B-.
3	Encoder Z+ input	Z +	Type7	Connect with the electro-optic encoder Z+.
8	Encoder Z- input	Z -		Connect with the electro-optic encoder Z-.
4	Encoder U+ input	U +	Type7	Connect with the electro-optic encoder U+.
9	Encoder U- input	U -		Connect with the electro-optic encoder U-.
5	Encoder V+ input	V +	Type7	Connect with the electro-optic encoder V+.
10	Encoder V- input	V -		Connect with the electro-optic encoder V-.
14	Encoder W+ input	W +	Type7	Connect with the electro-optic encoder W+.
15	Encoder W- input	W -		Connect with the electro-optic encoder W-.
11	Inhibit ground	FG		Terminal of Inhibit ground

3. Control Signal I/O Terminals CN2

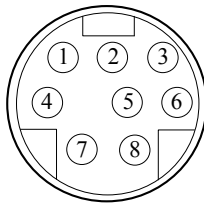


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Terminal number	Name	Terminal symbol			Function	
		Symbol	I/O	mode		
20	Servo enable	ServoEn +	Type1		Servo enable input terminal. ServoEn ON: Operation enabled; ServoEn OFF: Operation disabled. [Note 1]: Make sure the servo motor is quiescent before “ServoEn OFF” turns to “ServoEn ON” [Note 2]: Please wait for 50 ms before inputting any command in the State of “ServoEn ON”.	
19		ServoEn -				
3	Alarm clear	AlarmClr +	Type1		Alarm clear input terminal. AlarmClr ON: Clear the system alarm; AlarmClr OFF: Maintain the system alarm. [Note]: As the alarm code is less than 12, please cut off the power supply and repair the drive.	
12		AlarmClr -				
5	Servo alarm output	Alarm +	Type2		Output terminal of servo alarm. ALM ON: Servo alarm output ON as there is no alarm; ALM OFF: Servo alarm output OFF as there is any alarm.	
14		Alarm -				
2	Command pulse PLUS input	PulseInv +	Type3	P	External command pulse input terminal. Note: pulse type is selected by parameter PN52. □PN52=0, command pulse+ signal mode(default state); □PN52=1, CCW/CW command pulse mode; □PN52=2, 2-phase command pulse mode.	
11		PulseInv -				
1	Command pulse SIGN input	SignInv +	Type3	P		
10		SignInv -				
24	Analog command input (speed/tor	ASPEED + / ATORQUE +	Type4	S、 T		Command input terminal for external analog speed and torque (difference mode), the impedance is 10kΩ, the voltage is -10V~+10V.
25		ASPEED - /				

	que)	ATORQUE -			
26	Analog ground	AGND		S、 T	The grounding line of analog input.
7	Encoder Phase-A signal	PhaseA +	Type5		1. Encoder signal A, B, Z for difference drive output (output through 26LS31, corresponding to RS422); 2. Non-isolative output (non-insulation).
16		PhaseA -			
8	Encoder phase-B signal	PhaseB +	Type5		
17		PhaseB -			
9	Encoder phase- Z signal	PhaseZ +	Type5		
18		PhaseZ -			

4. COM Port CN3



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■ RS-232

Terminal number	Name	Function	
		Symbol	Description
3	Receive data	RXD	Receive data signal.
5	Transmit data	TXD	Transmit data signal.
1	Signal earth	GND	Inhibit signal earth.

■ RS-485

Terminal number	Name	Function	
		Symbol	Description
8	Differential Signal Data+	Data+	Data+ signal
7	Differential Signal Data-	Data-	Data- signal
1	Signal earth	GND	Inhibit signal earth.