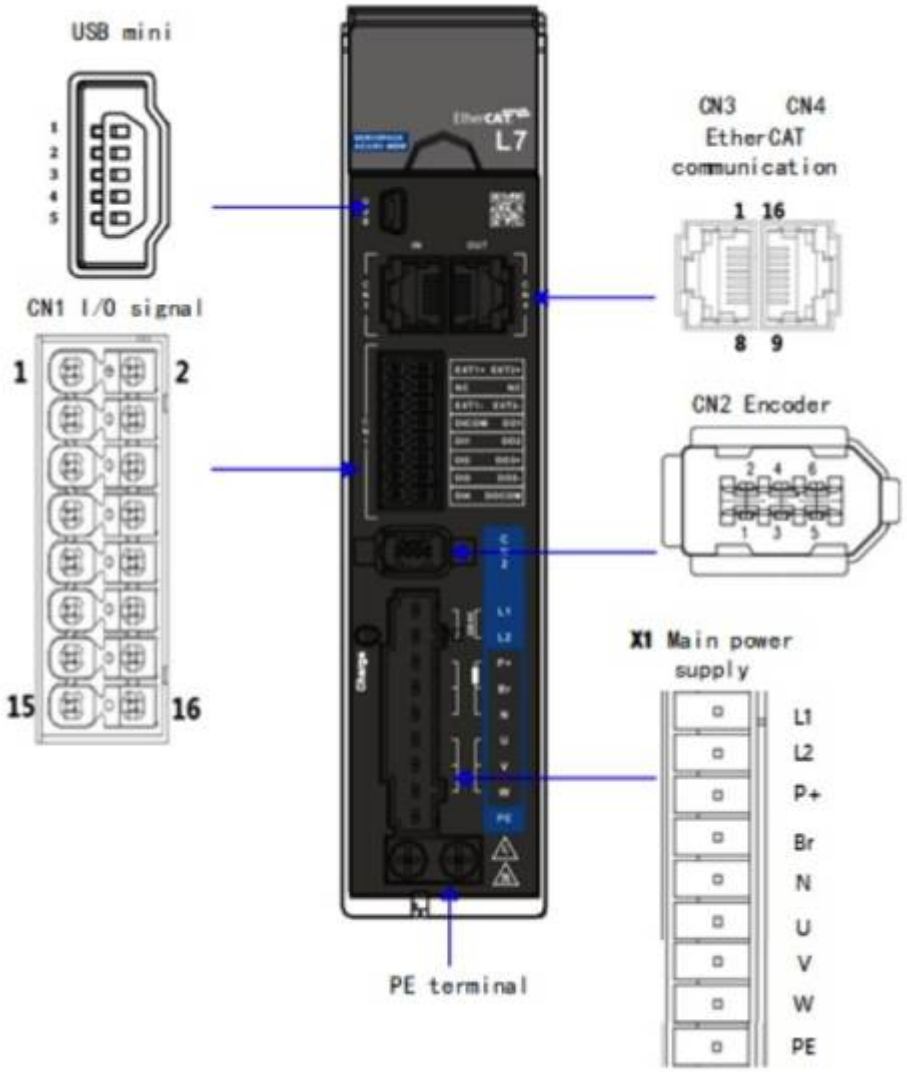
Power Port Pinouts

Overview



Port	Function
CN1	I/O Signal Port
CN2	Encoder Port
USB	USB Mini port
CN3	EtherCAT In Communication port
CN4	EtherCAT Out Communication port
CN6	STO Safe Torque Off port
X1	Main Power Supply

X1 Port main power supply (230 VAC models)

Pin	Functions	Remarls
L1 L2	Single phase 220 VAC	1) Optional isolation transformer 2) Do not connect to 380 VAC directly to prevent damage to drive 3) In case of serious interference, it is recommended to connect a line filter to main power supply; It is recommended to install a fuseless circuit breaker to cut off power supply in time when the driver fails.
P+	1) Internal DC bus positive terminal 2) External regenerative resistor P terminal	Please refer to Regenerative resistor selection and connections
Br	External regenerative resistor terminal	Please refer to Regenerative resistor selection and connections
N		Please do not connect
U	Motor U phase terminal	Please ensure proper wire connection on motor.
V	Motor V phase terminal	Please ensure proper wire connection on motor.
W	Motor W phase terminal	Please ensure proper wire connection on motor.
PE	Motor potective Earth	Please ground PE of driver and motor together

X1 Port main power supply (380 VAC models)

Pin	Functions	Remarls
L1C L2C	Control circuit: Single phase 380VAC	1) Optional isolation transformer 2) In case of serious interference, it is recommended to connect a line filter to main power supply; It is recommended to install a fuseless circuit breaker to cut off power supply in time when the driver fails.
R S T	Main Power Supply: Three phase 380VAC□ +10□-15%□50/60Hz	1) Optional isolation transformer 2) In case of serious interference, it is recommended to connect a line filter to main power supply; It is recommended to install a fuseless circuit breaker to cut off power supply in time when the driver fails
P+	3) Internal DC bus positive terminal 4) External regenerative resistor P terminal	If an external regenerative resistor is required, please disconnect B1 and B2. Connect the external regenerative resistor to terminal P+ and B2.
B1/B2	External regenerative resistor terminal	If an external regenerative resistor is required, please disconnect B1 and B2. Connect the external regenerative resistor to terminal P+ and B2.
N N1 N2	Internal DC bus negative terminal	Please do not connect

V	Motor V phase terminal	Please ensure proper wire connection on motor.
W	Motor W phase terminal	Please ensure proper wire connection on motor.
PE	Motor potective Earth	Please ground PE of driver and motor together

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