XINJE

DS5C2-41P5-PTA-FS servo drive wiring diagram

Pre-sales consultation

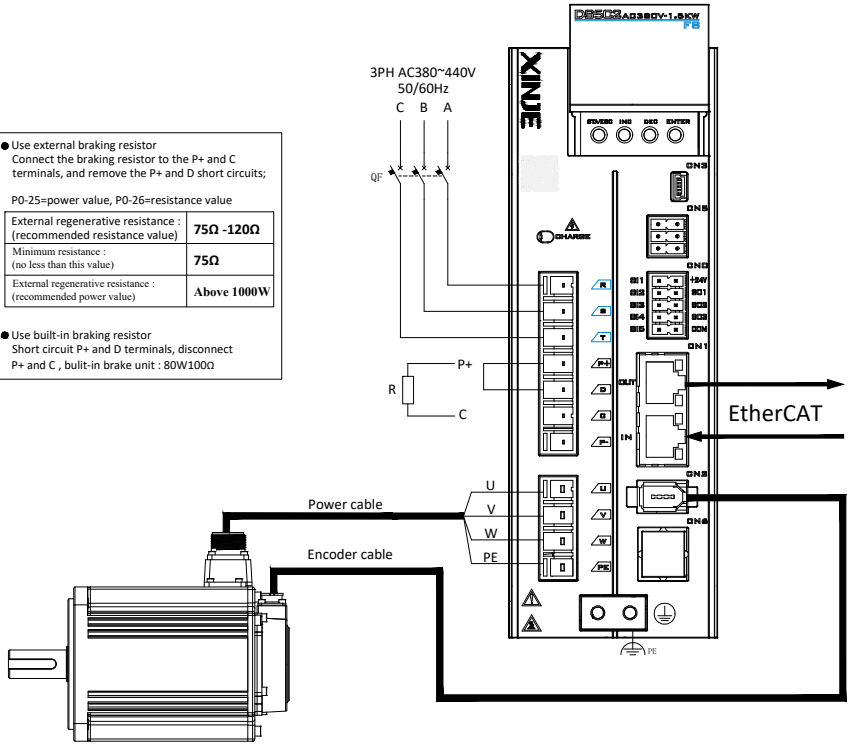
Email : xinje3858@163.com

● Use external braking resistor
Connect the braking resistor to the P+ and C terminals, and remove the P+ and D short circuits;

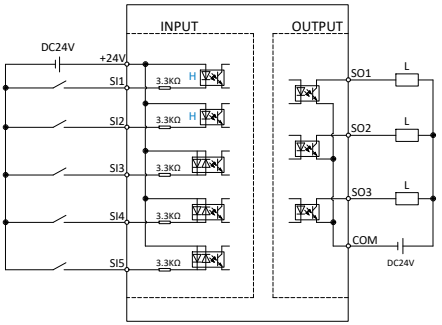
P0-25=power value, P0-26=resistance value

External regenerative resistance : (recommended resistance value)	**75Ω -120Ω**
Minimum resistance : (no less than this value)	**75Ω**
External regenerative resistance : (recommended power value)	**Above 1000W**

● Use built-in braking resistor
Short circuit P+ and D terminals, disconnect P+ and C , bulit-in brake unit : 80W100Ω



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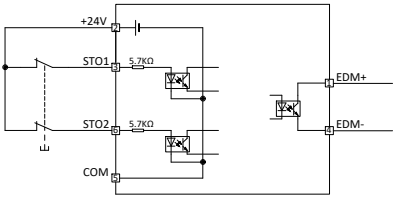
● The SI1 and SI2 channels of the 1~7.5kW driver are high-speed SI inputs with a response speed of less than or equal to 2μs, and only support NPN connection; SI3, SI4, and SI5 are low-speed SI inputs with a response time of less than or equal to 2ms. They support both NPN and PNP onnections (SI1 to SI5 can only be NPN or PNP at the same time);

● Typical voltage DC24V, minimum not lower than DC18V, maximum allowable voltage not higher than DC28V.

● SO (all) DC 50mA (maximum), supporting 24VDC, with a maximum of 30VDC. The required current for the brake is relatively high. When controlling the brake motor through SO, please use an intermediate relay.

● For drivers rated at 7.5 kW or less, SO1, SO2, and SO3 support only the NPN configuration.

CN5 STO



● If the STO function is not required, please connect the STO1 and STO2 terminals to the 24V terminal.

● The maximum allowed cable length between the driver and the safety switch is 30m.