XINJE

DS5C2-42P3-PTA servo drive wiring diagram

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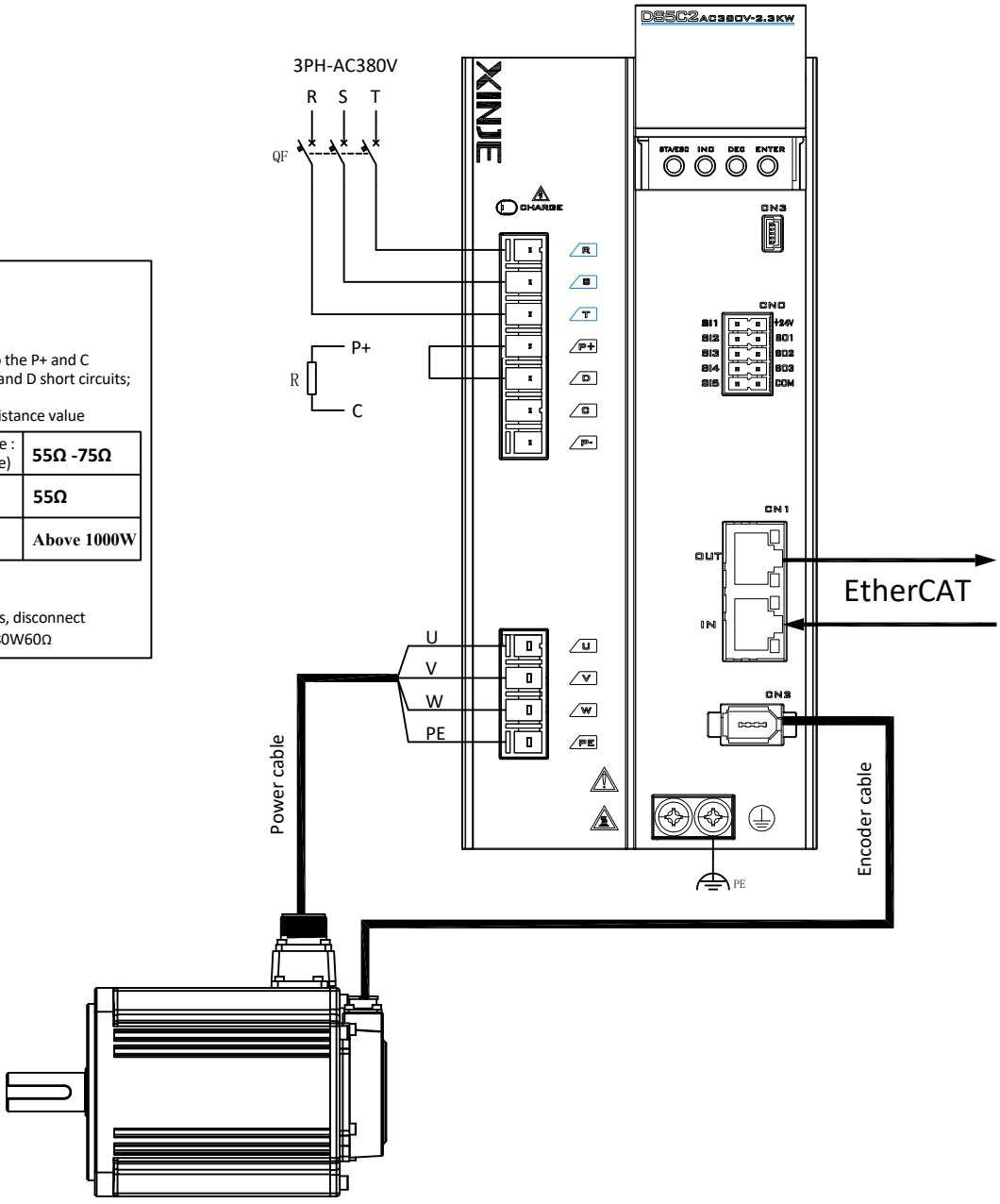


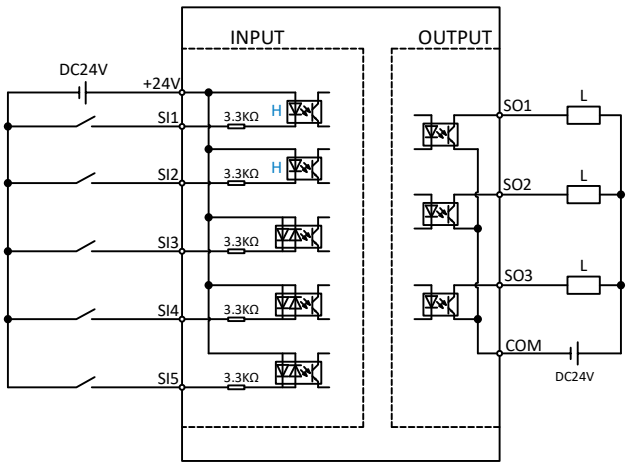
- Use external braking resistor
  Connect the braking resistor to the P+ and C terminals, and remove the P+ and D short circuits;

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

External regenerative resistance : (recommended resistance value)	**55Ω -75Ω**
Minimum resistance : (no less than this value)	**55Ω**
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 : 80W60Ω

CN0



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