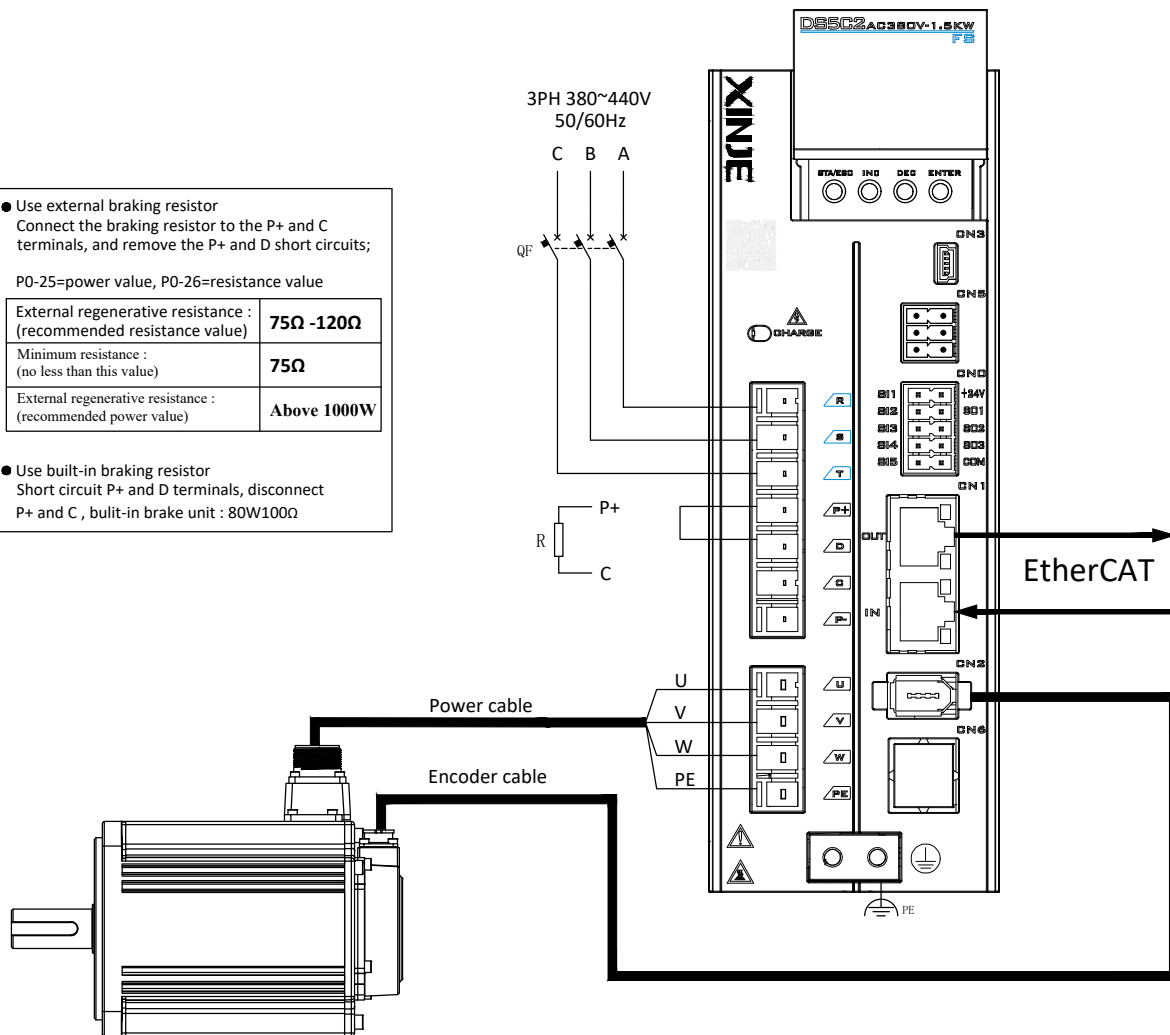


Use external braking resistor
Connect the braking resistor to the P+ and C terminals, and remove the P+ and D short circuits;

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

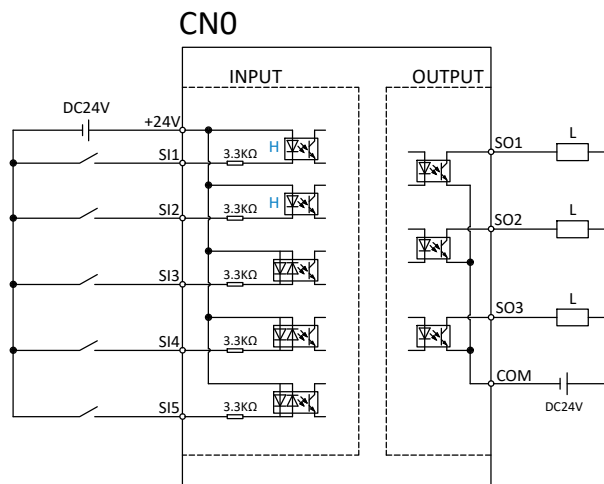
External regenerative resistance : (recommended resistance value)	75Ω -120Ω
Minimum resistance : (no less than this value)	75Ω
External regenerative resistance : (recommended power value)	Above 1000W

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



SI1 and SI2 channels
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 connections (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.

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

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

