

EA-BLDC10-200L-D

Features

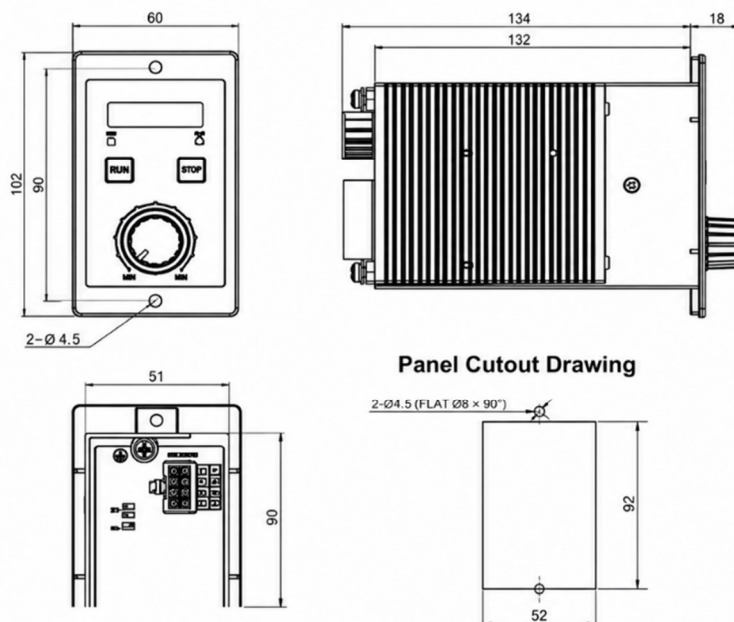
- Digital display Uses a 5-digit digital tube display: operating status, set speed, running speed, and fault indication.
- Stable operation Closed-loop speed control (control accuracy $\pm 0.5\%$).
- Input / Output 2 NPN digital input ports (forward and reverse); 1 open-drain digital output port (fault output).
- Multi-function keys RUN key; STOP/stop key.
- Speed setting Set the running speed with the panel knob for convenient and quick adjustment.
- Complete fault detection and protection Provides undervoltage, overvoltage, overcurrent, overload, stall, short circuit, phase loss and overtemperature protection. Fault information is shown on the digital display.

Product Model

EA-BLDC10-200 L - D

① ② ③ ④ ⑤ ⑥

Mark	Description	Content
1	Company	EA: Misumi Economy
2	Type	DRV: Brushless Motor Driver
3	Series	C10: C10 Series
4	Power	200: Max. output power; 120W (24V), 200W (48V)
5	Voltage	L: DC24V~48V
6	Function	D: Digital display R: RS485 communication

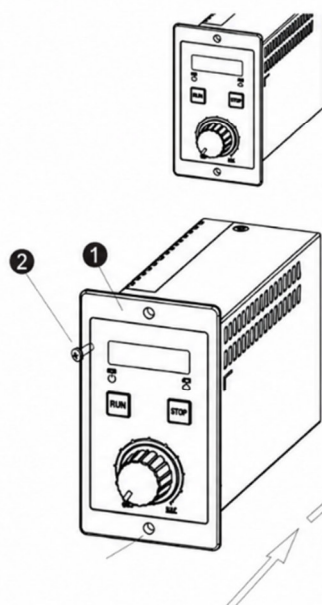


Panel Cutout Drawing

Environmental Requirements

Ambient Temp	-10°C to +40°C (no condensation)
Humidity	<=85% (no condensation)
Altitude	<=1000 m
Vibration	No continuous vibration or excessive shock
Protection	IP20

Installation & Fixing



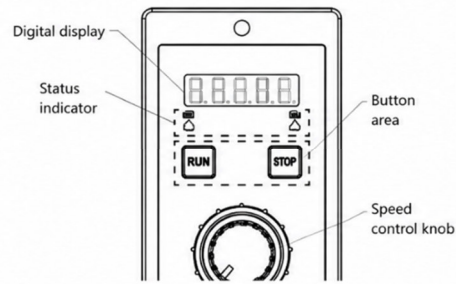
1. Insert the driver body into the fixing position.
2. Fasten with M4 countersunk screws (GB68-85).

Installation Steps

1. Insert the driver body into the fixing position.
2. Fasten with M4 countersunk screws (GB68-85).

Do not use in explosive, flammable, corrosive, or water-contact environments. Otherwise explosion, injury, or fire may occur!

Do not use in explosive, flammable, corrosive, or water-contact environments. Otherwise explosion, injury, or fire may occur!



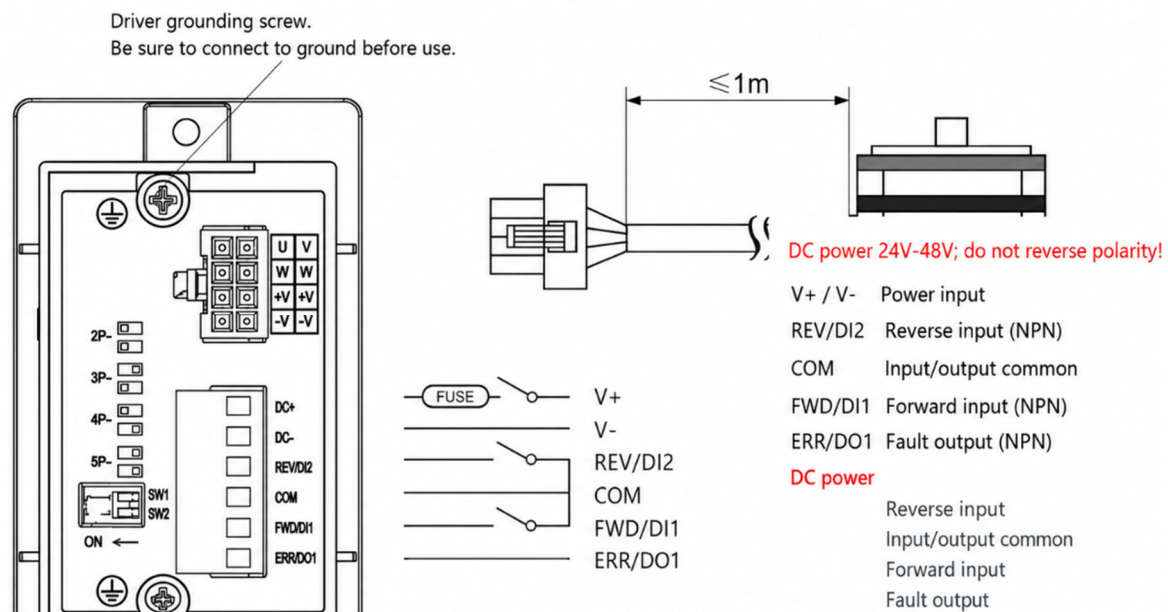
Standby: digital tube flashes and shows set speed.

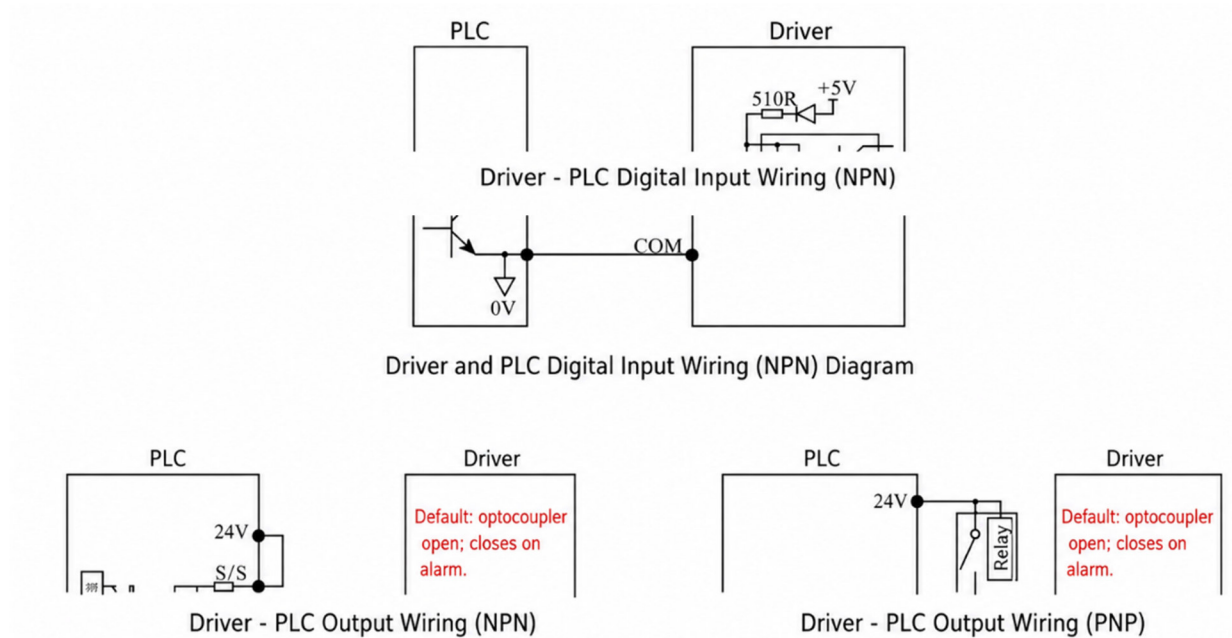
Fault: panel displays fault code; ALM stays on.

Forward: FWD indicator on, actual speed displayed.

Reverse: REV indicator on, actual speed displayed.

Connection & Operation





Trial Run

- Connect the power cable. Voltage: 220V; do not connect it to other terminals.
- Connect the motor and Hall connector.
- Connect terminal forward-operation control line: short FWD/DI1 and COM.
- Adjust the potentiometer knob VAR/AI1 to around the middle position, then turn to maximum as needed.
- For fault details, refer to the Faults & Maintenance section for troubleshooting.