

PBLD-L48500D

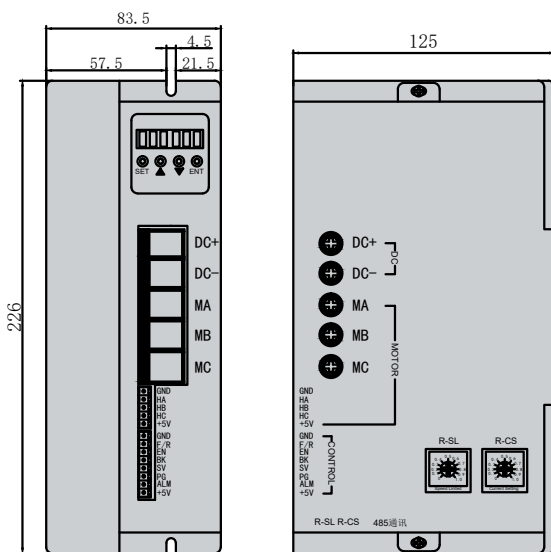
Standard Low-Voltage Series



Characteristics

- Input voltage: 24VDC~48VDC
- Continuous output current: 50A
- Speed control and analog volume voltage: 0~5V
- Working temperature: 0~+45°C
- Storage temperature: -20~+85°C
- Ambient humidity: <85%

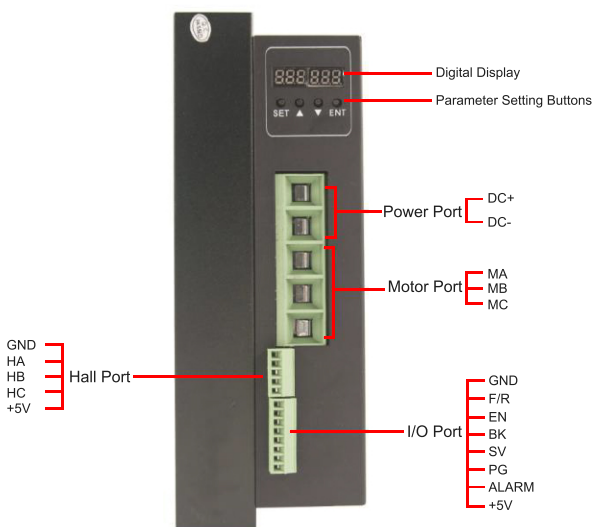
Dimension



Specification

- Can be set with Hall or without Hall sensing drive, both are compatible
- The whole series adopts high quality devices, the circuit design is simple and clear, and the cost control is low
- Support RS485 multi-axis communication control
- External analog, external pulse width input
- Start/stop control, forward/reverse control
- Electrical brake function, making the motor respond quickly
- Plugging protection, fast response time, high control accuracy
- Load without deceleration, power compensation, high starting torque
- Overload multiplier greater than 2, torque always reaches maximum at low speed
- Over-voltage, under-voltage, over-current, over-temperature, Hall signal illegal and other fault alarm functions

Connection Diagram



Power input terminal

| | | |
|---|----|--------------------------|
| 1 | D+ | Dc power supply is input |
| 2 | D- | Dc power supply input |

I/O control terminal

| | | |
|---|-------|---------------------------------|
| 1 | GND | Ground wire |
| 2 | F/R | Forward and reverse |
| 3 | EN | Start Stop |
| 4 | BK | Brake Control |
| 5 | SV | Analog input |
| 6 | PG | Speed pulse signal output |
| 7 | ALARM | Alarm output |
| 8 | +5V | Speed regulation voltage output |

Motor input terminal

| | | |
|---|----|---------------|
| 1 | MA | Motor Phase A |
| 2 | MB | Motor Phase B |
| 3 | MC | Motor Phase C |

Hall input terminal

| | | |
|---|-----|---------------------------------------|
| 1 | GND | Negative power supply for Hall signal |
| 2 | HA | Hall signal A |
| 3 | HB | Hall signal B |
| 4 | HC | Hall signal C |
| 5 | +5V | Positive power supply for Hall signal |