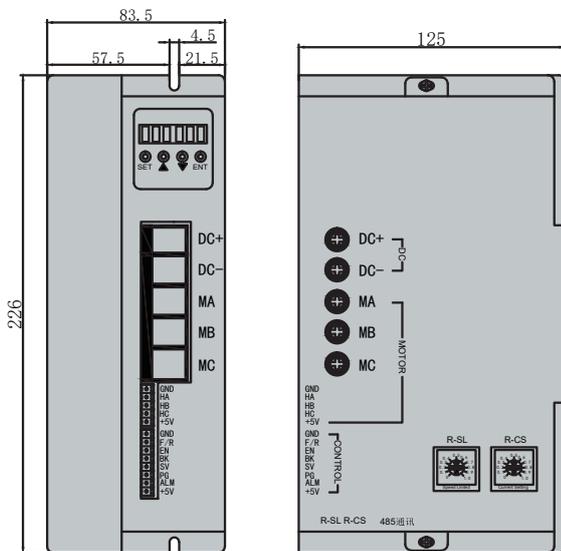


PBLD-L481000D

Standard Low-Voltage Series



Dimension



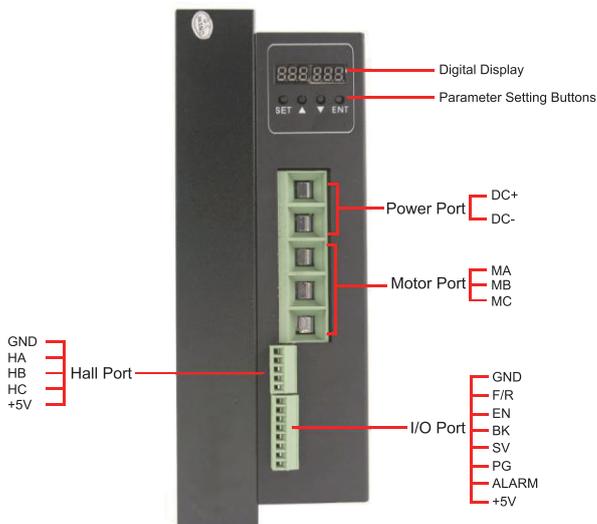
Characteristics

- Input voltage: 24VDC~48VDC
- Continuous output current: 75A
- Analog voltage for speed control: 0~5V
- Working temperature: 0~+45°C
- Storage temperature: -20~+85°C
- Ambient humidity: <85%

Specification

- Can be set with Hall or without Hall sensor drive, both are compatible
- The whole series adopt high quality devices, the circuit design is simple and clear, and the cost 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
- Stall protection, fast response time, high control accuracy
- Load without deceleration, power compensation, high starting torque
- Overload greater than 2 times, torque always reaches maximum at low speed
- Over-voltage, under-voltage, over-current, over-temperature, Hall signal error and other fault alarm functions

Connection Diagram



Power input terminal

1	DC+	DC power supply input
2	DC-	DC power supply input

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

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