BMD-40DIN

DC BRUSH MOTOR DRIVER

BMD-40DIN is a driver designed to control speed, direction, acceleration and deceleration of DC brush motors.

The current limiting function protects motors from overloads.

Technical parameters

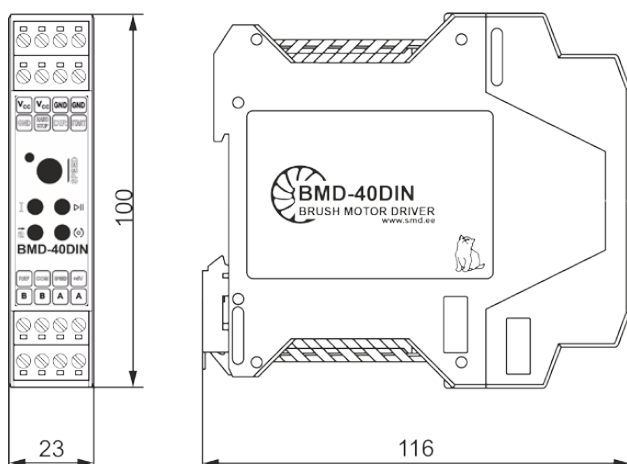|	
Rated current in motor phase	40 A
Phase current limitation	1 — 40 A
Short-circuit protection	100 A
Power supply:	12 — 24 VDC

Inputs for external discrete signals

- START/STOP — to start and stop the motor
- DIR — to control the rotation direction
- HARD STOP — emergency stop signal

External signals START/STOP and DIR can be used as per the signal level or per front edge of the signal.

Speed control

- Internal built-in potentiometer
- Inputs for connection of an external potentiometer
- Analog voltage signal — 0..5VDC
- Acceleration and deceleration rate is adjusted by the internal built-in potentiometer

Dimensions

Connection example