

BLD-20DIN

BLDC MOTOR DRIVER



BLDC driver BLD-20DIN is a device designed to control 3-phase DC motors with Hall sensors. BLD-20DIN controls motor speed, acceleration and deceleration, direction. The controller has current limiting function to protect a motor.

Technical parameters

Nominal current in motor phase	20 A
Maximum current in motor phase	80 A
Power supply	24 – 48 VDC

Inputs for external discrete signals

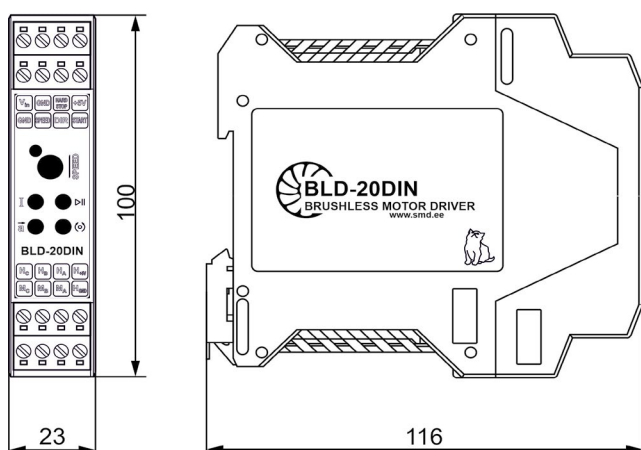
- START/STOP – to start and stop the motor
- DIR – to control the rotation direction
- HARD STOP – emergency stop signal

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

