

BLSD-20Modbus

BLDC MOTOR CONTROLLER



BLSD-20Modbus is a brushless dc motor controller for 3-phase brushless motors with Hall sensors. This intelligent controller can be pre-programmed according to the system demands and work as a standalone drive, can operate as a slave in RS-485 network or operate as a simple BLDC speed controller.

Technical parameters

- Nominal current – 20 A
- Maximum current – 30 A
- Power supply – 24 - 48 VDC
- Communication – RS-485 Modbus ASCII/RTU
- Operation models – speed and position control

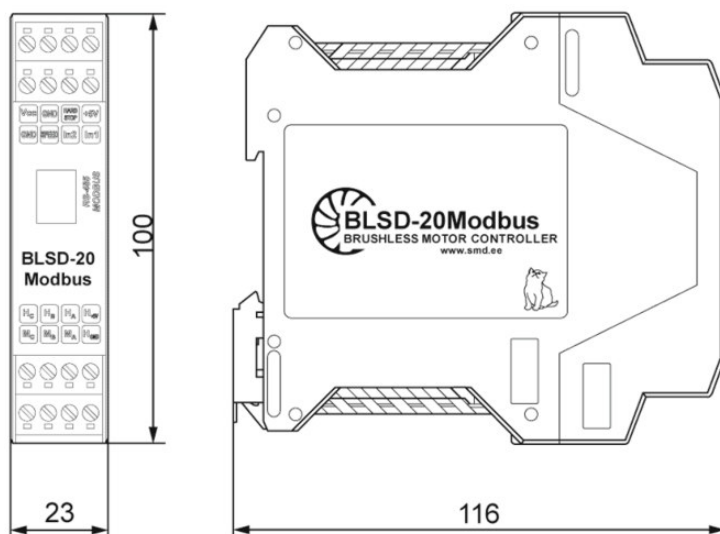
Inputs for external discrete signals

- IN1, IN2 – programmable inputs, can be used as START/STOP and DIR signals or as discrete inputs in a user program. These inputs can be used as per a signal level or per a front edge of the signal.
- HARD STOP — emergency stop signal

Speed control

- Digital parameters for speed and acceleration control can be sent via RS-485 Modbus
- Inputs for connection of an external potentiometer
- HARD STOP — emergency stop signal

Dimensions



Connection example

