

# 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 – 40 VDC
Communication	RS-485 Modbus ASCII/RTU
Operation modes	speed and position control

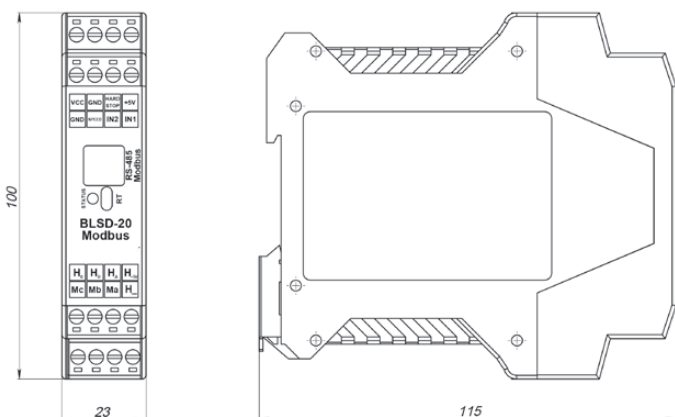
### Inputs for external discrete signals

- 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



### Software for the controller

