

SMSD-4.2RS

STEP MOTOR CONTROLLER



SMSD-4.2RS is a programmable step motor controller with RS-232 and RS-485 communication interfaces.

The controller operates as a standalone device according to a pre-programmed algorithm or as a slave with an external master device.

Technical parameters

Max. current per phase	0.4 – 4.2 A
Supply voltage	12 – 48 VDC
Microstepping	1/1, 1/2, 1/4, 1/16
Communication interfaces	RS-232, RS-485

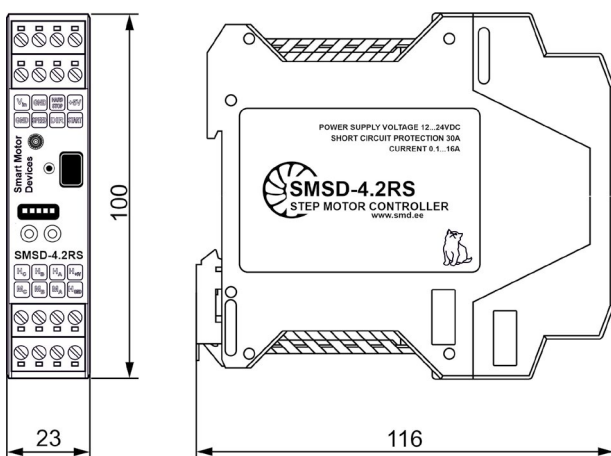
External discrete signals

- IN1 and IN2 – programmable inputs
- START/STOP – input to start and stop a motor
- REVERSE – input signal for changing rotation direction
- START ZERO POSITIONING and HOME – inputs for a homing procedure
- RELAY – programmable output

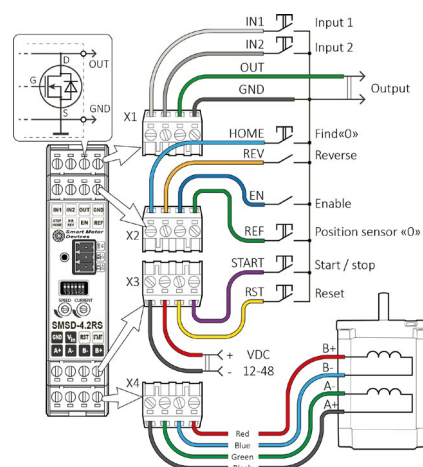
Operation modes

- Program control – motion according to a user program
- Direct control mode – real-time executing of commands from a master device
- Analog speed control – built-in potentiometer
- STEP/DIR pulse position control

Dimensions



Connection example



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