

# SMSD-4.2CAN

## STEP MOTOR CONTROLLER



SMSD-4.2CAN is a step motor controller with CANopen communication protocol. It is designed by our engineers for medium size stepper motors. The CANopen protocol has a wide range of features for synchronization and synchronous operation of few controllers.

### Technical parameters

Max. current per phase	1.0 – 4.2 A
Supply voltage	12 – 48 VDC
Microstepping	1/1, 1/2, 1/4, 1/8, 1/16, 1/32, 1/64, 1/128
Communication interfaces	CAN, USB

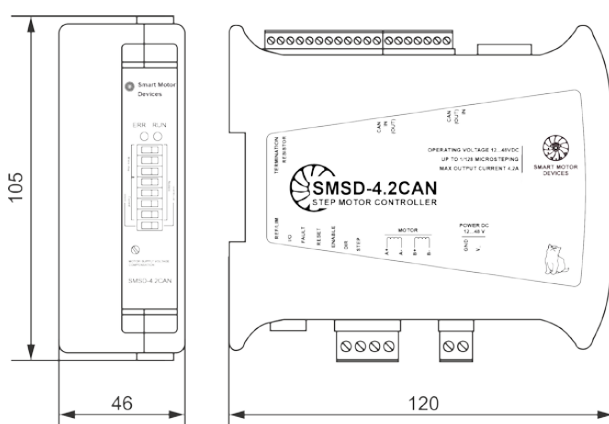
### Operation modes

- CANopen velocity control
- CANopen position control
- CANopen homing function
- STEP/DIR pulse position control

### Additional features

- Using of custom measurement units
- Taking into account reduction ratios in case of gearhead is used
- The position control can be implemented as a relative or absolute displacement

### Dimensions



### Software for the controller

