



SMD-8.0DIN ver.2 is a stepper motor driver with advanced functionality. The driver is designed to control two and four-phase hybrid stepper motors and delivers high dynamics that accelerates the motor to over 1000 rpm in a fraction of a second and easily reaches operating speeds of over 4000 rpm while maintaining enough torque to perform useful work.

### Technical parameters

Max. current per phase	1.0 - 8.0 A
Supply voltage	24 - 48 VDC
Microstepping	1/1, 1/2, 1/4, 1/8, 1/16, 1/32, 1/64, 1/128

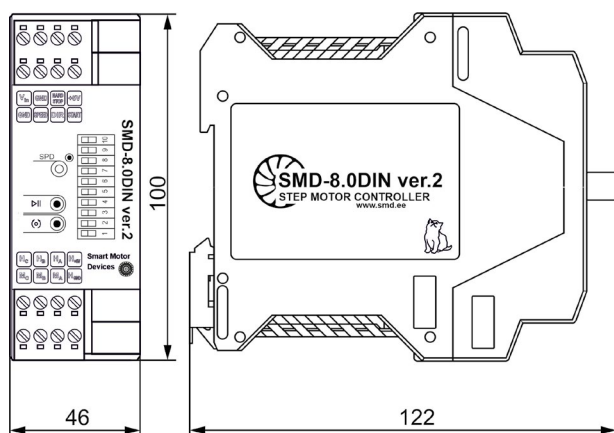
### Operation modes

- STEP/DIR Pulse position control
- Analog speed control – 0...5 VDC or potentiometer
- Analog control of rotation angle – 0...5 VDC or potentiometer
- Constant speed rotation

### Phases commutating methods

- Current control – provides higher torque and excellent dynamics
- Voltage control – provides smooth silent motion and microstepping up to 1/128

### Dimensions



### Connection example

