

SM4247 with SMD-1.6mini IP65



STEPPER MOTOR WITH INTEGRATED CONTROLLER

Stepper motor SM4247 with integrated driver SMD-1.6mini with protection class IP65 is designed to perform positioning tasks in an environment with a high microstepping. The drive is a ready to work assembly, which provides smooth running, high dynamics and precise positioning.

Technical parameters

Voltage	12 - 24 VDC
Size	42 mm (NEMA 17)
Holding torque	4.4 kgf*cm
Protection class	IP65
Microstepping	1/1...1/256
Control method	STEP/DIR

Inputs STEP, DIR, ENABLE

- High voltage level: 5 - 24 VDC
- Low voltage level: 0 - 1 VDC

Motor parameters

- Step angle: 1.8°
- Resistance per phase: 1.65 Ohm
- Inductance per phase: 2.8mH
- Rotor inertia: 68 gcm²

Dimensions

