

product info *smd243*



- **2-phase**-stepper motor power drive
- small and flat in size (117x100x25)mm
- 24...45 Volt, 0,5...3,5 Amps
- 200/400/800/1600 500/1000/ steps/rev.
- wall mounting, DIN-rail

- for all general purpose **2-phase** stepper motors

- **inputs:** (3...24V, optical isolated)
PULS, DIRECTION, GATE, RESET, OFF, FAST
Step frequency up to 150 kHz

- **outputs:** (optically isolated)
BEREIT, ZEROPHASE (Index pulse)

- all connectors can be removed easily

- only one power supply necessary, save against wrong polarity from power supply

- multiple LEDs to signal operating conditions

- protected against over-current, high temperature, high voltage, low voltage, and short circuit to ground

- active load dump at over voltage

- automatic current reduction when no pulses

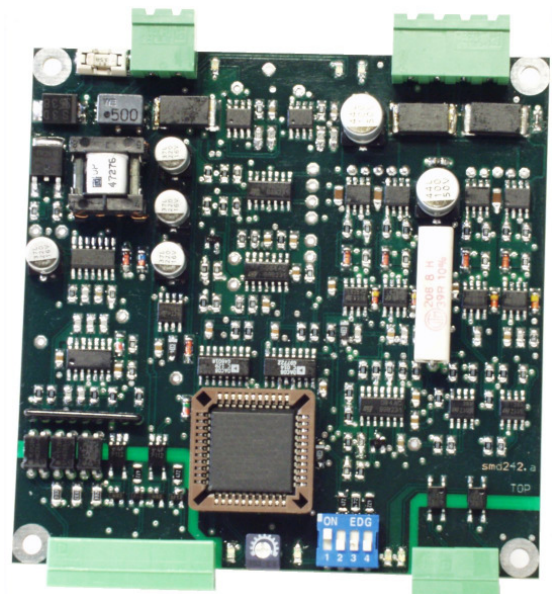
- less step angle failure step by step

- less noise interferences, less resonances

variants / order key

smd243.200x000

.---x--- 0/1: wall mounted / with DIN-rail clip



picture: open frame (with mounting plate)

The power drive is best used for the smaller stepper motors sizes up to 60mm squared. Especially care has been taken for simplest handling. So, the smd243 is save against wrong polarity from the power supply and short cut of the motor windings itself and against ground. Further more the signal interface accepts voltage levels from 3V up to 24V. The power drive is offered in three variants: only PCB(OEM), with mounting plate or optionally with housing. The Drive can be mounted by screws or DIN-rail. All connectors are removable. The stepper motor drive has excellent motion performance in less resonance, less step angle failure. and high torque constant step by step. The operation mode of the power stage is bipolar.