

## Product Info SMD232

- Power drive for 2-phase stepper motors
- 200,400,800 and 3200 steps / revolution
- 24...40 Volt,           0.5...2.5 Ampere
- Very low cost



DIN-Rail Clip  
optional

- For all common 2-Phase-stepper motors
- **Inputs:** (optically isolated)  
**PULSE, DIRECTION, OFF**  
Step frequency up to 100 kHz, pulse width 5µs  
Wide range signal input voltage (3.5...24)Vdc
- **Outputs:** (optically isolated)  
**READY**
- Robust screw terminals for all electrical connections
- Automatic current reduction at stand still
- Status LEDs: Power, Current reduction,
- Bipolar power drive, chopped, low noise and reduced power dissipation
- Very compact size: L:D:H: (72:72:10) mm  
(3:3:0.5) Inch

### Small power drive, yet powerful

The SMD232 power drive is an absolutely economical driver for all common 2-phase hybrid stepper motors, especially for small motors up to NEMA 17 (40mm flange) size.

The electronic design features very little heat dissipation. For this reason a very compact drive card could be realised.

The drive is suitable for industrial applications. Consequently cheap connectors or jumpers for settings were avoided. Especially life time (MTBF) relevant components are of high quality. The signal interface has galvanic isolation with opto isolators. Cable shield connections are available for EMI protection.

The OEM device technology is the main application field for the SMD232. Usually the SMD232 is mounted inside the OEM device in open frame technology. For simple and fast mounting the power drive can be inserted in a DIN-rail clip module.

### Variants / order code

SMD232-xx	
-00	only PCB, phase current 2,5A
-01	only PCB, phase current 1,25A
-02	only PCB, phase current 0,5A

### Accessories / order code

DRM.232	DIN rail module
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