

## Productinfo smd231

- 2-Phase stepper motor power drive

- 400 and 200 steps / revolution

- 24...37 Volt,           0,2...1,0 Ampere

- low cost

- for all general 2-Phase-stepper motors

- **Inputs:** (optical isolated)  
**Pulse, Direction, Gate, Reset**  
Step frequency up to 150 kHz, Pulse duration 5µs

- **Outputs:** (optical isolated)  
**Ready**

- all connections with robust screw terminals

- only one power supply 24...37 Volt necessary

- motor current from 0,2...1,0 A adjustable

- halve- and full step 400 and 200 steps / rev.

- automatic current reduction when no pulses

- LED's: Power, Ready, Current reduction,

- protected against over -temperature, -current

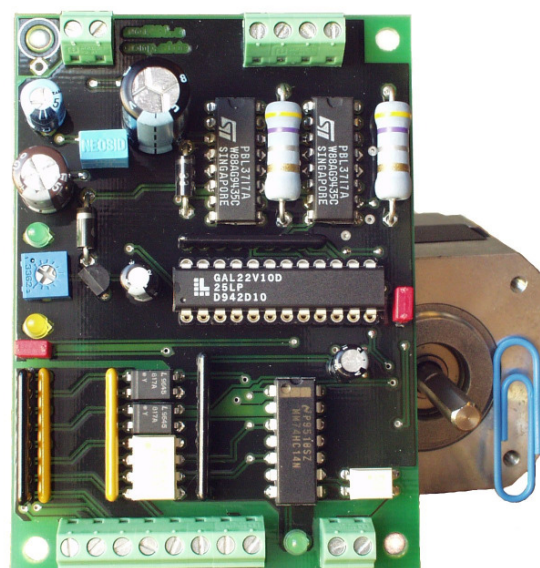
- power drive bipolar, chopped, low noise and reduced power dissipation

- compact in size, format L:D:H: (85:65:25) mm

### Variants / order code

smd231.x00x000

.x----- 0/1     5V / 24V signal interface  
---x--- 0/1     only PCB / DIN-rail module



The power drive smd231 is a absolute low cost driver for all general 2-phase hybrid stepper motors, especially for small motors up to Nema 17 (40mm flange) size.

The ideal usage is as a component in between a closed housing cabinet, where in general the conditions of environment are fix. Also it is likely used as a so called „evaluation board“ to make tests before designing the own power drives in the desired application. All functions are implemented to operate in a safety way. In general, the power drive is used as a open frame version. For simple and fast mounting the power drive can be inserted in a DIN-rail clip module.