

## product info    *smd x75*

- **2(3)-phase-stepper motor power drive**
- small in size    only (42x78x106)mm
- 24...80 Volt,    1,25...5 Ampere
- step resolution (steps per revolution):  
   2Phase: 200/400/800/1600    500/1000  
   3Phase:    400                    500/1000/2000
- wall mounting,    DIN-rail

- for all general purpose **2 or 3-phases** steppers

- **inputs:** (opto coupler)  
**PULS, DIRECTION, GATE, RESET, OFF, FAST**  
 step frequency up to 150 kHz

- **outputs:** (opto coupler)  
**READY, ZEROPHASE** (indexpulse)

- all connectors can be easily replaced

- only one power supply necessary

- a lot of LED's to signal failure conditions

- save against over -current, -temperature, -voltage, and under voltage.

- active load dump at over voltage

- automatic current reduction when no pulses

- no noise interferences, -less resonances

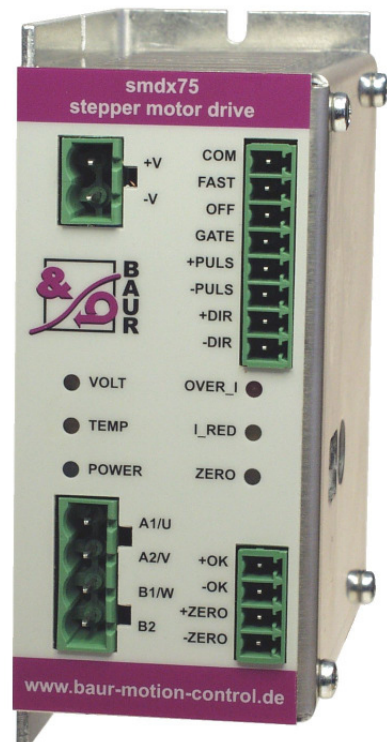
- all connectors at front side

- less step angle failure by step to step

### variants / order key

smd275.xx0x000	2-Phase Power Drive
smd375.xx0x000	3-Phase Power Drive

.x-----	0/1:	5V / 24V signal interface
.-x-----	0/1:	IP00 w/o housing / IP20 with housing
---x---	0/1:	Wall mount / DIN-rail mounting clip



The power drive is very compact in size. So the primary usage is, where place is a subject. The drive can be mounted by screws or DIN-rail. All connectors are at front side and can be replaced very easily. There are two basic variants, the open frame version and the housing version. With less motor variants the power drive **smdx75** allows to operate within a wide application field. All general purpose stepper motors in hybrid technology can be used. The stepper motor drive has excellent motion performance resulting in less resonance and less step angle failure. The operation mode of phases is bipolar. There are no noise interferences.