product info ECMD275

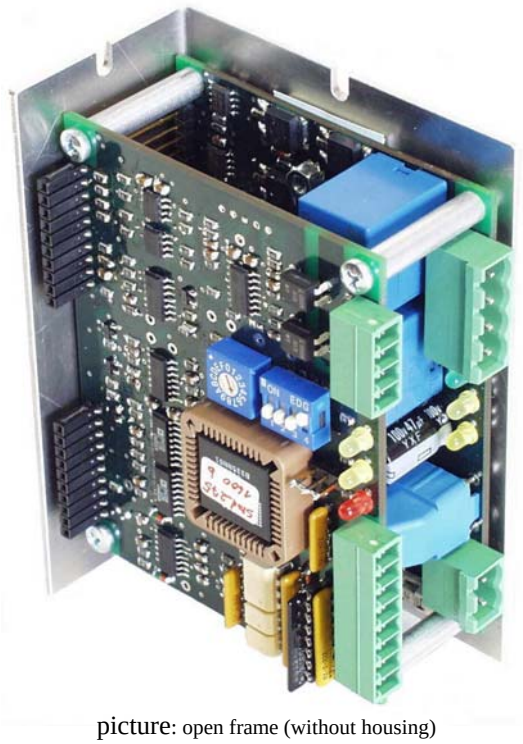
- 2-phase-stepper motor power drive

- small in size only (42x78x106)mm

- 24...80 Volt, 1,25...5 Ampere

- 1/1 1/2 1/4 1/8 2/5 1/5 1/10
- 200/400/800/1600 500/1000/2000 steps/rev.

- wall mounting, DIN-rail



picture: open frame (without housing)

- for all general purpose 2-phasen 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

- fan/temperature control (option)

- all connectors at front side

- no noise interferences, -less resonances

- less step angle failure by step to step

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 replaced very easily.
Optionally the drive can be covered by a housing. This variant includes also a two stage temperature control, first switch on the fan and second switches off the drive by exceeding a temperature level to prevent the power drive. So it is mostly independent from the mounting place. With less motor variants the power drive **ECMD275** 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.

variance / order key

ECMD275.xxx 2-phase: 80V, 5A

.--x	0: open frame	1: housing
.-x-	0: 5Volt signal	1: 24Volt signal
.x--	0: standard	n: special step accuracy

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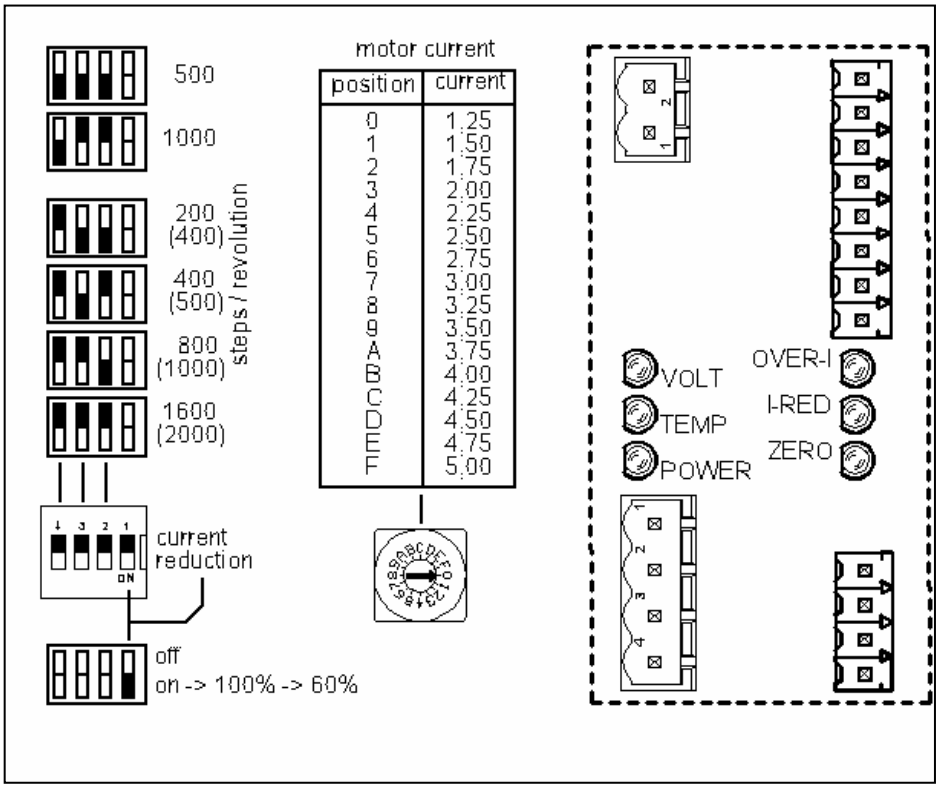
Adjustment/Display: Steps/Revolution, Motor current, Current reduction



Wiring diagram: