SMC46 compact microstep power driver with 6A / phase in a robust metal housing

Technical data:
- Operating voltage: DC 24 V to 72 V
- Max. phase current: 2.5 - 6 A / phase (via DIP switches)
- Operating mode: Bipolar chopper driver
- Operating mode: 1/1, 1/2, 1/4, 1/5, 1/8, 1/10, 1/32
- Step adjustment: via DIP switches
- Step frequency: 0 to 50 kHz
- Manual travel: via buttons T+ and T-
- Current reduction: automatic to 0% or 30%
- Input signals: Optocoupler 5 V (24 V)
- LED: Power (operating voltage)
- Error indication (overvoltage, overtemp. > 80°C, short circuit)
- Temperature range: 0 to + 40 °C
- Connection type: Pluggable screw terminals for AWG24 - 12
- Attachment method: on DIN mounting rail
- Protection class: IP20
- Weight: 650 g

Attention: The supply voltage must have a charging capacitor with at least 4700 μF (Z-K4700/50) so that the permitted voltage is not exceeded during the braking procedure.

Optocoupler (5 V or 24 V)
Clock, direction

Ordering designation: SMC46-7

A detailed manual can be found on the Internet: www.nanotec.de