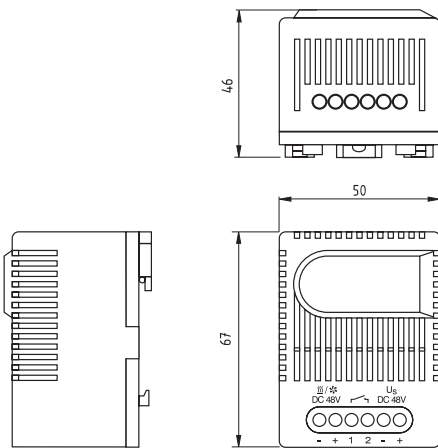


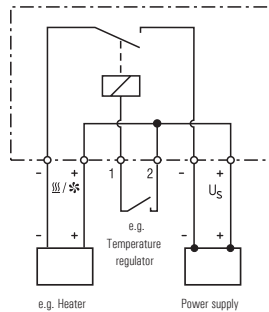
- High DC switching capacity
- Variety of applications
- Compact design
- Simple connection
- Clip fixing

Electronic relay for switching DC appliances with high switching capacity. A separate conventional switch contact is used as controller (e.g. temperature regulator, humidity regulator). The electronic relay is available in 24VDC and 48VDC versions.



Technical Data

Contact type	contact maker, normally open (Relay/MOSFET)
Contact resistance	< 10mOhm
Service life	> 100,000 cycles
EMC	acc. to EN 55014-1-2, EN 61000-3-2, EN 61000-3-3
Connection	6-pole terminal for 2.5mm ² , clamping torque 0.8Nm
Mounting	clip for 35mm DIN rail, EN50022
Casing	plastic according to UL94 V-0, light grey
Dimensions	67 x 50 x 46mm
Weight	approx. 85g
Fitting position	variable
Operating/Storage temperature	-45 to +70°C (-49 to +158°F)
Protection type	IP20
Approvals	VDE and UL intended



Load, e.g. heater, cooling device with temperature cut-out

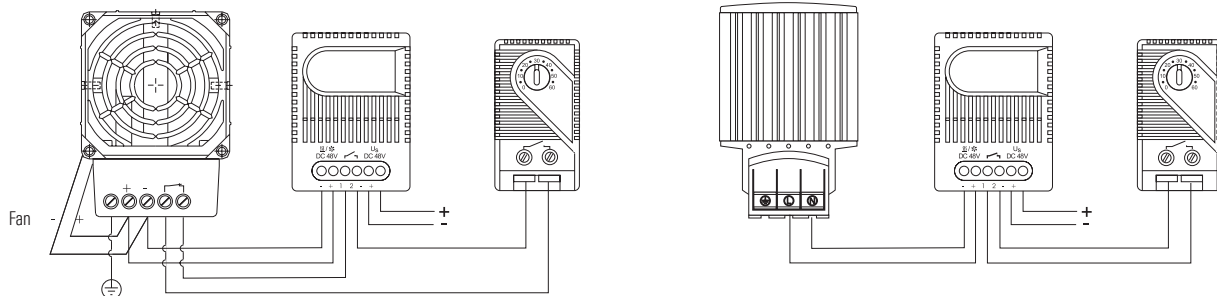
SM 010 Electronic relay

Control contact, e.g. temperature, humidity or pressure regulator

Load, e.g. heater, cooling device without temperature cut-out

SM 010 Electronic relay

Control contact, e.g. temperature, humidity or pressure regulator



Art. No.	Operating voltage	Max. Switching capacity
01001.0-00	24VDC (20-28VDC)	28VDC 16A
01000.0-00	48VDC (38-56VDC)	56VDC 16A