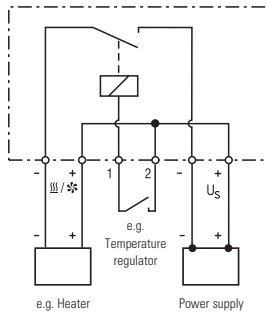
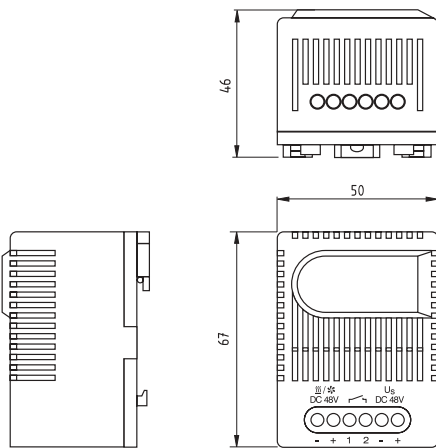




- **High DC switching capacity**
- **Variety of applications**
- **Compact design**
- **Simple connection**
- **Clip fixing**

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

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

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

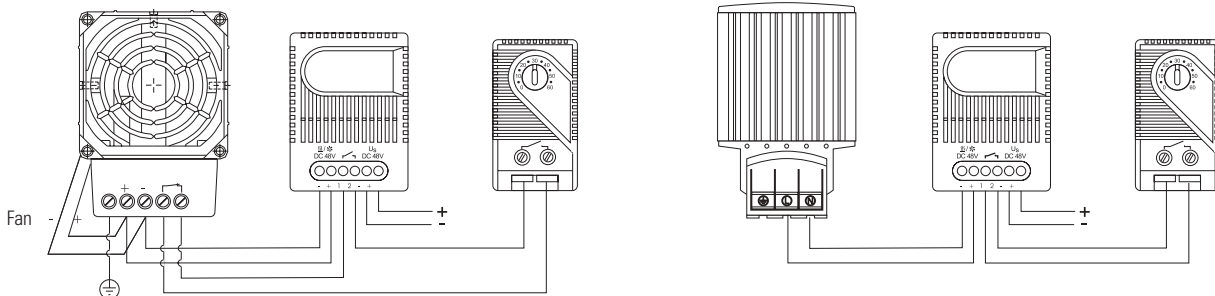
**SM 010 Electronic relay**

**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