



Actual size



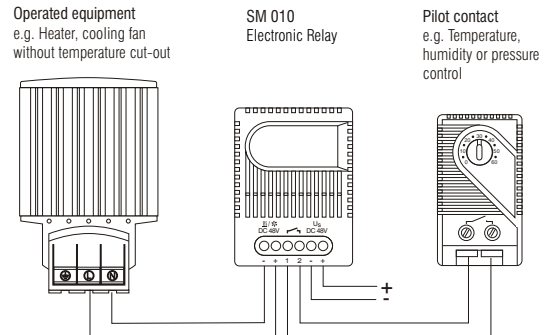
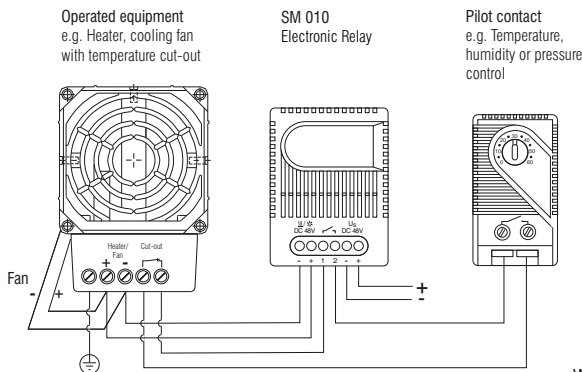
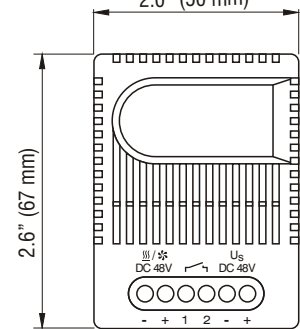
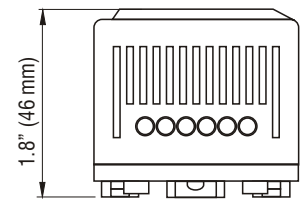
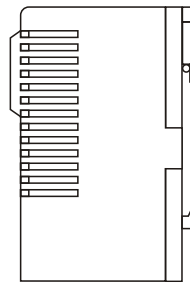
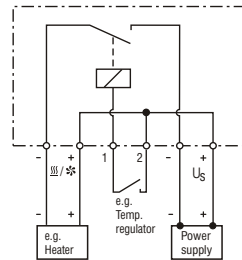
# DC 24 V + DC 48 V Electronic Relay SM 010

- 16 Amp DC switching capacity
- Variety of applications
- Compact design
- DIN rail mountable

The SM 010 Electronic Relay has been designed to switch high powered DC operated equipment up to 16 Amps. The 16 Amp relay contact will be closed once a pilot contact of a connected external switch, i.e. a thermostat (not provided), is closed.

### Technical Data SM 010

<b>Part Number:</b>	<b>01000.0-00</b>	<b>01001.0-00</b>
<b>Nominal operating voltage:</b>	<b>DC 48 V</b>	<b>DC 24 V</b>
<b>Operating voltage range:</b>	DC 38 - 56 V	DC 20 - 28 V
<b>Max. switching capacity:</b>	16A at DC 56 V (resistive load)	16A at DC 28 V (resistive load)
<b>Contact type:</b>	Snap-action contact, normally open (Relay/MOSFET)	
<b>Contact resistance:</b>	< 10m	
<b>Service life:</b>	> 100,000 cycles	
<b>EMI/EMC compliance:</b>	EN 55014-1-2, EN 61000-3-2, EN 61000-3-3	
<b>Connection:</b>	6-pole terminal for AWG 14 max. (2.5 mm <sup>2</sup> )	
<b>Mounting:</b>	Clip for 35 mm DIN rail (EN 50022)	
<b>Housing:</b>	Plastic, UL94V-0	
<b>Dimensions (H x W x D):</b>	2.6 x 2.0 x 1.8" (67 x 50 x 46 mm)	
<b>Weight:</b>	Approx. 3.0 oz. (85 g)	
<b>Mounting position:</b>	Vertical	
<b>Operating temperature:</b>	-49 to 158°F (-45 to 70°C)	
<b>Storage temperature:</b>	-49 to 158°F (-45 to 70°C)	
<b>Protection type:</b>	IP 20	
<b>Agency approvals:</b>	VDE intended	



Wiring examples

Specifications are subject to change without notice. Suitability of this product for its intended use and any associated risks must be determined by the end customer/buyer in its final application.