

SWITCH MODULE

SM 010 | 24VDC and 48VDC



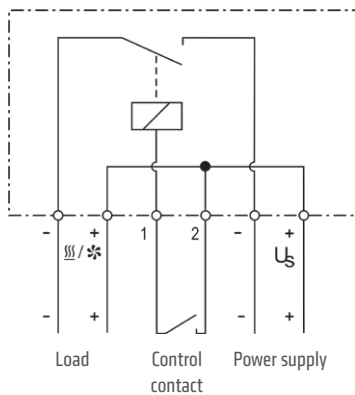
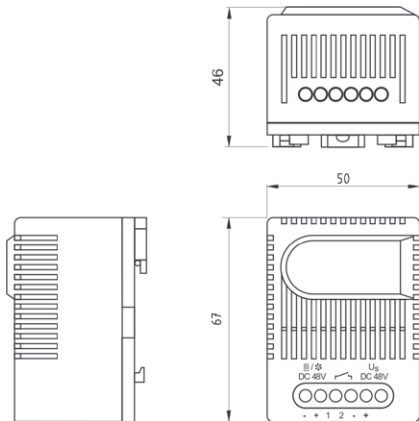
- > High DC switching capacity
- > Variety of applications
- > Compact design
- > Simple connection
- > Clip fixing

The Switch Module is designed for switching DC equipment with high currents. It is controlled via an external, potential-free contact (thermostat or hygrostat) connected between terminals 1 and 2. For switching the Module, the internally generated signal current has to be used. It must be ensured that the external contact can safely switch this signal current. The SM 010 is available in 24VDC and 48VDC versions.

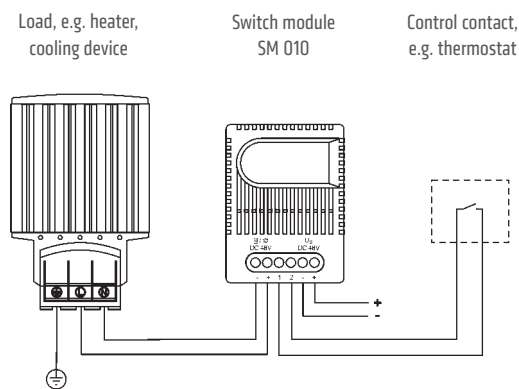


TECHNICAL DATA

Contact type	contact maker normally open (Relay/MOSFET)
Service life	> 100,000 cycles
Max. inrush current	DC 16A
Connection	6-pole terminal, clamping torque 0.5Nm max.: rigid wire 2.5mm ² stranded wire (with wire end ferrule) 1.5mm ²
Mounting	clip for 35mm DIN rail, EN 60715
Casing	plastic according to UL94 V-0, light grey
Dimensions	67 x 50 x 46mm
Weight	approx. 90g
Fitting position	variable
Operating/Storage temperature	-45 to +70°C (-49 to +158°F)
Operating/Storage humidity	max. 95% RH (non-condensing)
Protection type	IP20
Approvals	VDE



Connection diagram



Example of connection

Art. No.	Operating voltage	Max. switching capacity	Signal current
01001.0-00	24VDC (20-28VDC)	28VDC, 16A	13mA at 20VDC / 22mA at 28VDC
01000.0-00	48VDC (38-56VDC)	56VDC, 16A	10mA at 38VDC / 18mA at 56VDC