

SWITCH MODULE

SM 010 | DC 24 V and DC 48 V



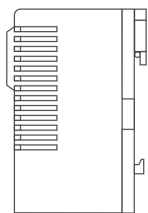
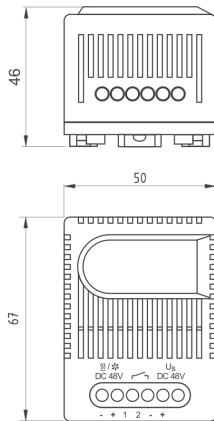
- > High DC switching capacity
- > Variety of applications
- > Compact design
- > Simple connection
- > Clip fixing

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 DC 24 V and DC 48 V versions.

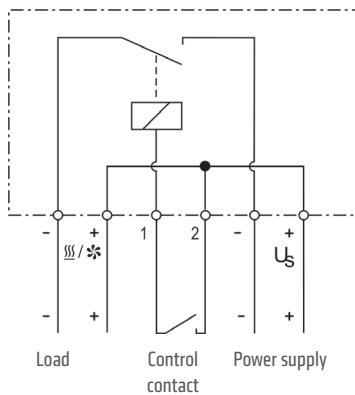


TECHNICAL DATA

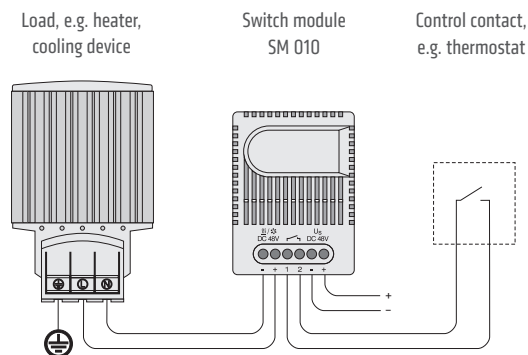
Contact type	contact maker normally open (Relay/MOSFET)
Service life	> 100,000 cycles
Max. inrush current	DC 16 A
Connection	6-pole terminal, clamping torque 0.5 Nm max.: rigid wire 2.5 mm ² (AWG 14) stranded wire ¹ 1.5 mm ² (AWG 16)
Mounting	clip for 35 mm DIN rail, EN 60715
Casing	plastic according to UL94 V-0, light grey
Dimensions	67 x 50 x 46 mm
Weight	approx. 90 g
Fitting position	variable
Operating/Storage temperature	-45 to +70 °C (-49 to +158 °F)
Operating/Storage humidity	max. 90 % RH (non-condensing)
Protection type	IP20
Approvals	UL File No. E342261, EAC



¹ When connecting with stranded wires, wire end ferrules must be used.



Connection diagram



Example of connection

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