

ELECTRONIC THERMOSTAT

ET 011 | DC 24 V



- > High DC breaking capacity
- > Low hysteresis
- > Adjustable temperature
- > Change-over contact
- > Clip fixing

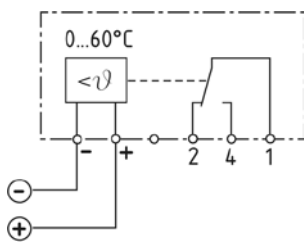
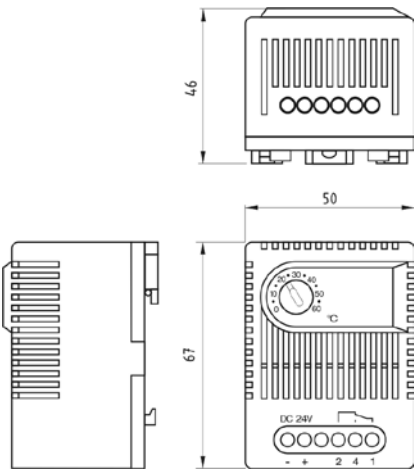
Electronic thermostat for regulating high performance DC 24 V equipment. Heating or cooling appliances as well as signal devices can be switched via the potential free change-over contact. In comparison to mechanical thermostats, the ET 011 has a low hysteresis making the switching point and setting accuracy more precise.



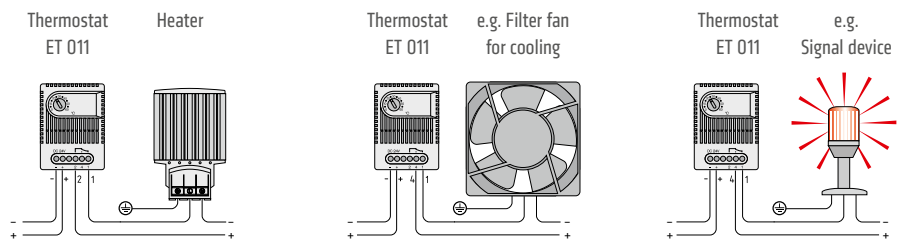
TECHNICAL DATA

Switch temperature difference	3 K (± 1 K tolerance) at +20 °C (+68 °F)
Sensor element	PTC
Contact type	change-over
Service life	> 100,000 cycles
Max. switching capacity	DC 28 V, 16 A
Max. inrush current	DC 16 A
Connection	5-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. 80 g
Fitting position	vertical
Operating/Storage temperature	-40 to +60 °C (-40 to +140 °F) / -45 to +80 °C (-49 to +176 °F)
Operating/Storage humidity	max. 90 % RH (non-condensing)
Protection type	IP20
Approvals	EAC

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



Connection diagram



Examples of connection

Art. No.	Operating voltage	Setting range
01190.0-00	DC 24 V (DC 20 – 28 V)	0 to +60 °C