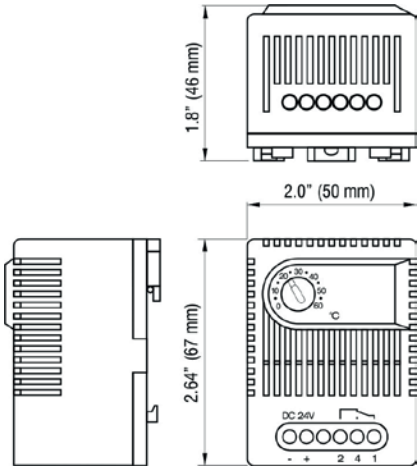
ELECTRONIC THERMOSTAT

ET 011 | DC 24 V



> 16 Amp DC switching capacity
> Low hysteresis
> Wide adjustment range
> DIN rail mountable

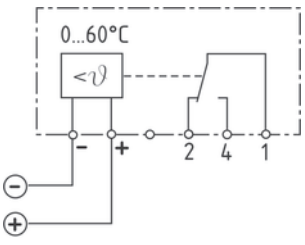
The ET 011 is an electronic thermostat for regulating high performance DC 24 V equipment. Heating or cooling equipment, as well as signal devices, can be switched via the SPDT (change-over) contact. A relatively small hysteresis sets the ET 011 Thermostat apart from less accurate mechanical thermostats.

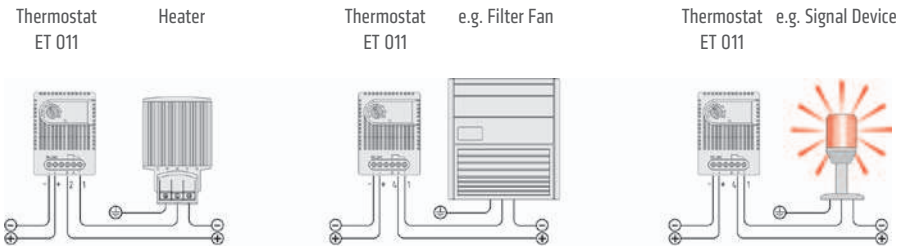


TECHNICAL DATA

Switching difference	approx. 5.4 °F ± 1.8 °F tolerance (3 K ± 1 K)
Sensor element	PTC
Contact type	SPDT / change-over contact
Service life	> 100,000 cycles
Max. switching capacity	16 A @ DC 28 V
Max. inrush current	DC 16 A
Connection	5-pole terminal, clamping torque 0.5 Nm max.: solid wire - AWG 14 max. (2.5 mm²) stranded wire[1] - AWG 16 max. (1.5 mm²)
Housing	plastic, UL 94V-0, light grey
Mounting	clip for 35 mm DIN rail, EN 60715
Mounting position	vertical
Operating / Storage temperature	+14 to +140 °F (-10 to +60 °C) / -49 to +176 °F (-45 to +80 °C)
Operating / Storage humidity	max. 95 %RH (non-condensing)
Dimensions	2.6 x 2.0 x 1.8" (67 x 50 x 46 mm)
Weight	approx. 2.4 oz. (70 g)
Protection type	IP20

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





Wiring examples

Part No.	Operating voltage	Setting range
01190.0-00	DC 24 V (DC 20-28 V)	0 to 60 °C
01190.0-01	DC 24 V (DC 20-28 V)	32 to 140 °F

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08.08.2014 | 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.