

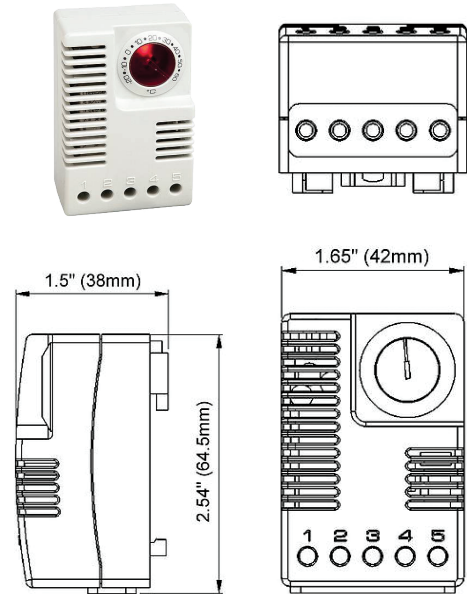
ETL 011

THERMOSTATS

ELECTRONIC THERMOSTAT

The ETL 011 electronic thermostat is used for controlling heating and cooling equipment, filter fans or signal devices through the Relay DCM 010 or a similar device. The thermostat registers the surrounding air temperature and can switch a signal current via an internal relay with a potential free change-over contact. The LED integrated in the adjustment knob shows the closed status of the contact 1-2. When the temperature rises contact 1-2 opens and the LED turns off. In currentless state (no supply voltage) contact 1-2 opens.

Switch Temperature Difference	7 °F (4 K) ±1.8 °F (1 K) tolerance at +68 °F (+20 °C)
Sensor Element	NTC
Reaction Time	approx. 5 seconds
Contact Type	SPDT / change-over
Service Life	>100,000 cycles (at 10 mW)
Min. Switching Load	DC 10 mW (at 0.1 V, 100 mA or 1 mA, 10 V)
Optical Indicator	LED
Connection*	5-pole terminal, clamping torque 0.5 Nm max.: solid/stranded* wire - AWG 14 max. (2.5 mm ²)
Housing	plastic, UL 94V-0, light grey
Mounting	clip for 35 mm DIN rail, EN 60715
Mounting Position	vertical
Dimensions	2.54 x 1.65 x 1.5" (64.5 x 42 x 38 mm)
Weight	approx. 2 oz. (60 g)
Operating/Storage Temperature	-40 to +185 °F (-40 to +85 °C)
Operating/Storage Humidity	max. 95 %RH (non-condensing)
Protection Type	IP20
Approvals	UL File No. E164102 / VDE / EAC



Dimensioned Drawings.

- Large setting range
- Compact design
- Small hysteresis
- Optical function display (LED)
- DIN rail mountable



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

Part No.	Operating Voltage	Setting Range
01131.2-00	DC 12-48 V (min. DC 10 V, max. DC 60 V)	-20 to +60 °C
01131.2-01	DC 12-48 V (min. DC 10 V, max. DC 60 V)	-4 to +140 °F