



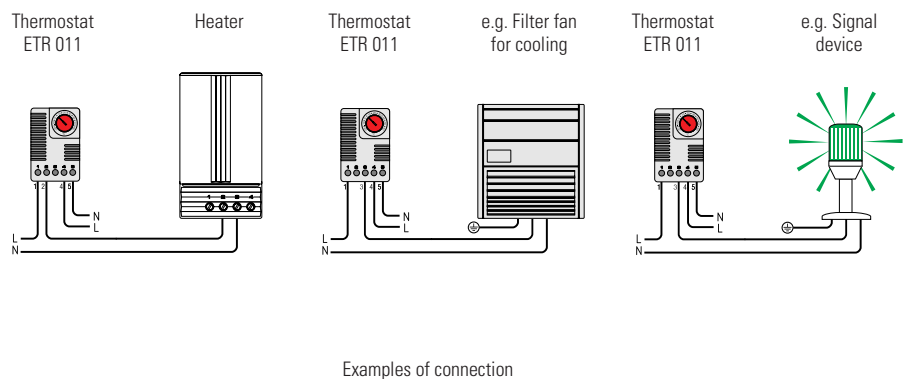
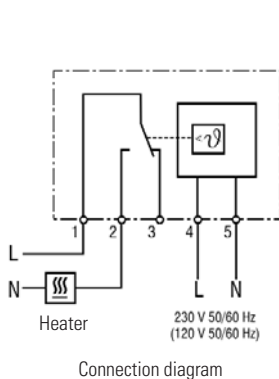
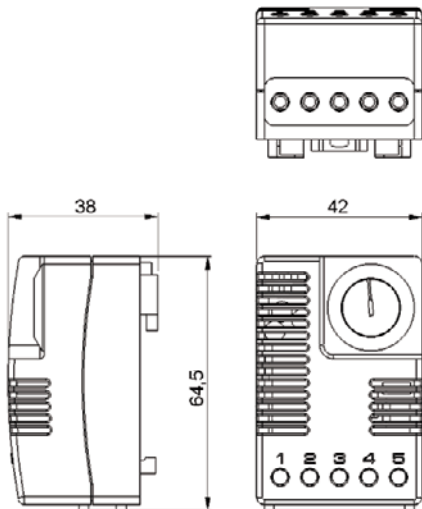
- Large setting range**
- Small hysteresis**
- Optical operating display (LED)**
- Change-over contact**
- Clip fixing**

The electronic thermostat is used for controlling heating and cooling equipment, filter fans or signal devices. The thermostat registers the surrounding air and can switch both inductive and resistive loads via relay with change-over contact. The LED integrated in the adjustment knob is lit when the NC contact is closed (e.g. when a connected heater is operating).



### Technical Data

<b>Switch difference</b>	4K (± 1K tolerance) at 20°C/68°F
<b>Sensor element</b>	NTC
<b>Reaction time</b>	5 sec.
<b>Contact type</b>	change-over contact (relay)
<b>Service life</b>	> 50,000 cycles
<b>Max. switching capacity (relay output)</b>	240VAC, 8 (1.6) A 120VAC, 8 (1.6) A 100WDC at 24VDC
<b>Max. inrush current</b>	16AAC for 10 sec.
<b>Optical indicator</b>	LED
<b>Connection</b>	5-pole terminal, clamping torque 0.5Nm max.: rigid wire 2.5mm <sup>2</sup> stranded wire (with wire end ferrule) 1.5mm <sup>2</sup>
<b>Mounting</b>	clip for 35mm DIN rail, EN 60715
<b>Casing</b>	plastic according to UL94 V-0, light grey
<b>Dimensions</b>	64.5 x 42 x 38mm
<b>Weight</b>	approx. 70g
<b>Fitting position</b>	vertical
<b>Operating / Storage temperature</b>	-40 to +85°C (-40 to +185°F)
<b>Operating / Storage humidity</b>	max. 90% RH (non-condensing)
<b>Protection type</b>	IP20



Art. No.	Operating voltage	Setting range	Approvals
01131.0-00	230VAC, 50/60Hz	-20 to 60°C	VDE + CSA-US
01131.9-00	120VAC, 50/60Hz	-4 to 140°F	CSA-US