



Features

- > Large setting range
- > Simple to mount
- > Small Size
- > High switching performance

Technical Data

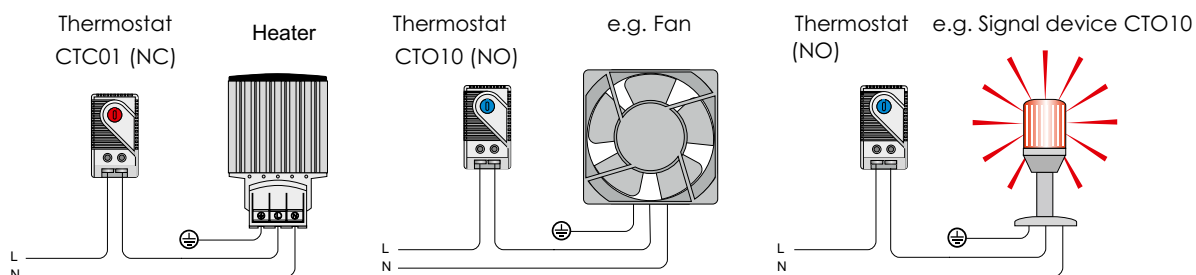
Switch temperature difference	7 K (± 4 K tolerance)
Sensor element	Thermostatic Bimetal
Contact type	Snap-action Contact
Terminal Points	Copper Cover Silver terminal point (Appearance is Silver point)
Hi-Pot Test Details	1500V 3-Seconds
Service life	> 100,000 cycles
Hysteresis	$\pm 5^{\circ}\text{C}$
Design & Test Standard	Testing
Max. operating voltage	AC 250 V (VDE) AC 120 V (UL)
Max. inrush current	AC 16 A for 10 sec.
Connection	2-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	60 x 33 x 43 mm
Weight	approx. 40 g
Fitting position	variable
Operating/Storage temperature	-45 to +85°C (-49 to +185 °F)
Operating/Storage humidity	max. 90 % RH (non-condensing)
Protection type	IP20

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

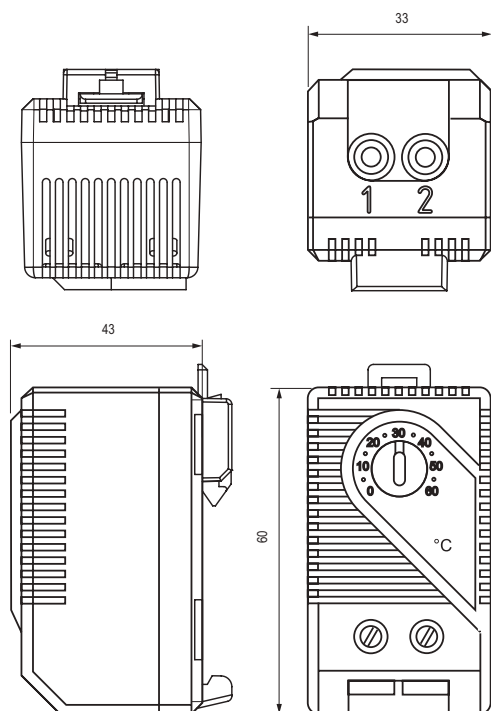
Important note:

The contact system of the regulator is subjected to environmental influences, thus the contact resistance may change. This can lead to a voltage drop and/or self-heating of the contacts.

Sample Connections

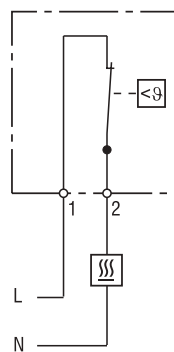


Dimensions

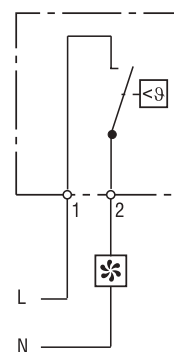


Wiring Diagram

CTC 01 (NC) Heating



CTO10 (NO) Cooling



Heater



Filter fan, Cooling equipment, Signal device