



### Features

- > NO and NC in one casing
- > Terminals easily accessible
- > Separate adjustable temperatures
- > High switching capacity
- > Clip fixing

### Technical Data

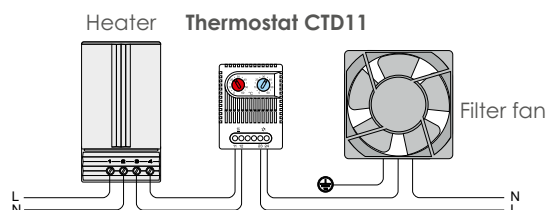
|                               |                                                                                                                                                     |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Switch temperature difference | 7 K ( $\pm 4$ K tolerance)                                                                                                                          |
| Sensor element                | Thermostatic Bimetal                                                                                                                                |
| Contact type                  | Snap-action Contact                                                                                                                                 |
| Service life                  | > 100,000 cycles                                                                                                                                    |
| Max. switching capacity       | AC 250 V, 10 (2) A<br>AC 120 V, 15 (2) A<br>DC 30 W at DC 24 V to DC 72 V                                                                           |
| Max. inrush current           | AC 16 A for 10 sec.                                                                                                                                 |
| Connection                    | 4-pole terminal, clamping torque 0.5 Nm max.:<br>rigid wire 2.5 mm <sup>2</sup> (AWG 14)<br>stranded wire <sup>1</sup> 1.5 mm <sup>2</sup> (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. 90 g                                                                                                                                        |
| Fitting position              | variable                                                                                                                                            |
| Operating/Storage temperature | -45 to +80 °C (-49 to +176 °F)                                                                                                                      |
| Operating/Storage humidity    | max. 90 % RH (non-condensing)                                                                                                                       |
| Protection type               | IP20                                                                                                                                                |

<sup>1</sup> When connecting with wires, wire end ferrules must be used.

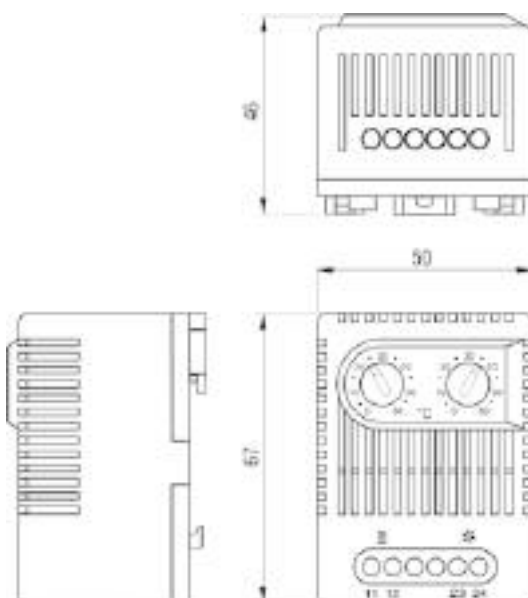
#### Important note:

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

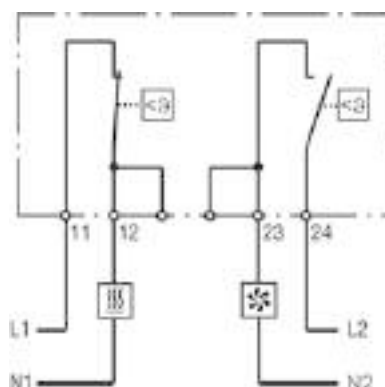


### Dimensions



### Wiring Diagram

CTD11 (NC/NO)



 Heater

 Filter fan, Cooling equipment, Signal device