# DUAL THERMOSTAT

## ZR 011 | 01175.0-00




Normally closed (NC) and normally open (NO) thermostats in one casing. Unlike thermostats with changeover contacts, the double thermostat switches independently. This allows heating and cooling devices to be switched in different temperature ranges.

- Normally closed (NC, heating) and normally open (NO, cooling) in one casing
- Snap-action contact enables independent switching
- Temperatures can be adjusted separately
- High switching capacity
- Clip mounting

## OVERVIEW TECHNICAL DATA

| | |
|---|---|
| Device type | Thermostats |
| Setting range | -10 °C - 50 °C |
| Contact type | Snap-action contact |
| Sensor | Thermostatic bimetal |
| Protection type | IP20 |
| Casing | Plastic to UL94 V-0, light grey |
| AC/DC | AC;DC |
| Inrush current | 16 A |
| Inrush current duration | 10 s |
| Switching capacity | AC 250 V: 10 (2) A;<br>AC 120 V: 15 (2) A;<br>DC 24-72 V: 30 W |
| Switching current ohmic | 10 A |
| Switching current 2 ohmic | 15 A |
| Reference voltage ohmic | 250 VAC |
| Reference voltage 2 ohmic | 120 VAC |
| Switching current inductive | 2 A |
| Reference voltage inductive maximum | 250 VAC |
| Reference voltage 2 | 120 VAC |
| Switching current dc ohmic | 1 A |
| Reference voltage dc ohmic | 30 VDC |
| Minimal switching capacity | 0,48 W |
| Reference voltage | 24 V |
| Switching current | 20 mA |
| Service life | >100000 cycles |

| | |
|---|---|
| Setting range 2 | 20 °C - 80 °C |
| Switching differential | 7 K |
| Switching differential tolerance | ± 4 K |
| Operating temperature | -45 °C - 80 °C |
| Operating humidity | ≤90 % RH |
| Storage humidity | ≤90 % RH |
| Storage temperature | -45 °C - 80 °C |
| Torque | 0,5 Nm max. |
| Connection | 4-pole clamp:<br>Rigid wire cable 2.5 mm² (AWG 14)<br>Stranded wire1 1.5 mm² (AWG 16) |
| Design | Normally closed (NC); Normally open (NO) |
| Mounting | Clip for 35 mm DIN rail, EN 60715 |
| Height | 67 mm |
| Width | 50 mm |
| Depth | 46 mm |
| Weight | 90 g |
| Note | CSA approved;01176.0-00 and 01176.0-01 for controlling heat exchangers and fans (e.g. LE 019) and as an alarm or signalling contact for monitoring the internal enclosure temperature. Wire end ferrules must be used for connections with stranded wires. The controller's contact system is exposed to environmental influences, which can change the contact resistance. This can lead to a voltage drop and/or self-heating of the contacts. |
| CCC | CQC |

## TECHNICAL DRAWINGS







