

DUAL THERMOSTAT

ZR 011



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



OVERVIEW TECHNICAL DATA

Contact type	Snap-action contact
Sensor	Thermostatic bimetal
Protection type	IP20
Casing	Plastic to UL94 V-0, light gray
AC/DC	AC;DC
Inrush current	16 A
Inrush current duration	10 s
Switching capacity	AC 250 V: 10 (2) A; AC 120 V: 15 (2) A; 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

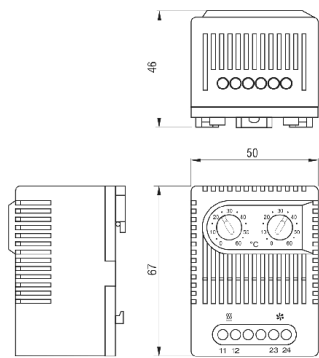


Switching differential	7 K
Switching differential tolerance	± 4 K
Operating temperature	-45 °C - 80 °C
Operating humidity	≤90 % RH
Storage humidity	≤90 % RH
Storage temperature	-45 °C - 80 °C
Torque	0,5 Nm max.
Connection	4-pole clamp: Rigid wire cable 2.5 mm² (AWG 14) Stranded wire 1 1.5 mm² (AWG 16)
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 signaling contact for monitoring the internal temperature of the control cabinet. 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

PRODUCT VARIANTS

Article number	Setting range	Setting range 2	Design
01172.0-00	0 °C - 60 °C	0 °C - 60 °C	Normally closed (NC); Normally open (NO)
01172.0-01	32 °F - 140 °F	32 °F - 140 °F	Normally closed (NC); Normally open (NO)
01175.0-00	-10 °C - 50 °C	20 °C - 80 °C	Normally closed (NC); Normally open (NO)
01176.0-00	0 °C - 60 °C	0 °C - 60 °C	Normally open (NO); Normally closed (NO)

TECHNICAL DRAWINGS



Connection diagram

