

# ZR 011

## THERMOSTATS

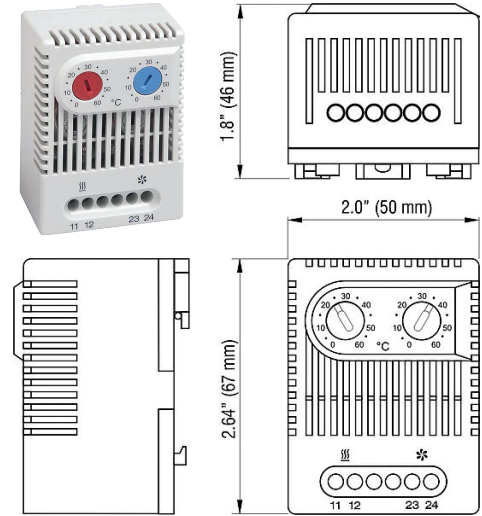
### DUAL THERMOSTAT

The ZR 011 houses two separate thermostats, allowing the independent control of heating and cooling or other equipment.

**Thermostat NC** (normally closed): Thermostat opens at temperature rise - for regulating heaters or for switching signal devices. Comes with red temperature dial.

**Thermostat NO** (normally open): Thermostat closes at temperature rise - for regulating filter fans and heat exchangers or for switching signal devices. Comes with blue temperature dial.

<b>Switch Temperature Difference</b>	12.6 °F ± 7 °F tolerance (7 K ± 4 K)
<b>Sensor Element</b>	thermostatic bimetal
<b>Contact Type</b>	snap-action contact
<b>Service Life</b>	>100,000 cycles verified
<b>Max. Switching Capacity</b>	NC: 10 A resistive / 2 A inductive @ AC 250 V NO: 5 A resistive / 2 A inductive @ AC 250 V 15 A resistive / 2 A inductive @ AC 120 V DC 30 W (DC 24-72 V)
<b>Max. Inrush Current</b>	AC 16 A for 10 sec.
<b>Connection*</b>	4-pole terminal, clamping torque 0.5 Nm max.: solid wire - AWG 14 max. (2.5 mm <sup>2</sup> ) stranded wire* - AWG 16 max. (1.5 mm <sup>2</sup> )
<b>Housing</b>	plastic, UL 94V-0, light grey
<b>Mounting</b>	clip for 35 mm DIN rail, EN 60715
<b>Mounting Position</b>	vertical
<b>Dimensions</b>	2.6 x 2.0 x 1.8" (67 x 50 x 46 mm)
<b>Weight</b>	approx. 3.2 oz. (90 g)
<b>Operating/Storage Temperature</b>	-49 to +176 °F (-45 to +80 °C)
<b>Operating/Storage Humidity</b>	max. 90 % RH (non-condensing)
<b>Protection Type</b>	IP20
<b>Approvals</b>	UL File No. E164102 / CSA / VDE / EAC



*Dimensioned Drawings.*

- NC/NO or NO/NO in one unit
- Separate adjustable temperatures
- Color coded temperature dials
- DIN rail mountable

\*When connecting with stranded 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.



Part No.	Setting Range		Setting Range	
01172.0-00	NC - open on rise	0 to +60 °C	NO - close on rise	0 to +60 °C
01172.0-01	NC - open on rise	+32 to +140 °F	NO - close on rise	+32 to +140 °F
01175.0-00	NC - open on rise	-10 to +50 °C	NO - close on rise	+20 to +80 °C
01175.0-01	NC - open on rise	+14 to +122 °F	NO - close on rise	+68 to +176 °F
01176.0-00**	NO - close on rise	0 to +60 °C	NO - close on rise	0 to +60 °C
01176.0-01**	NO - close on rise	+32 to +140 °F	NO - close on rise	+32 to +140 °F

\*\*For regulating heat exchangers and fans (e. g. LE 019) and as an alarm contact for monitoring the interior temperature of electronic enclosures.