

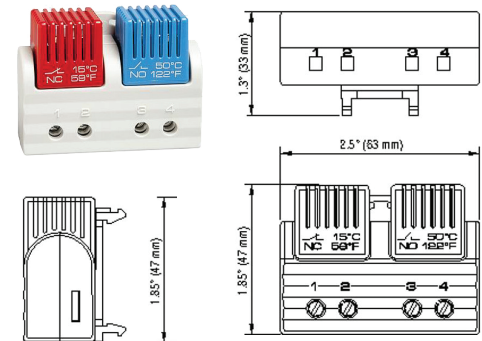
### TAMPERPROOF DUAL THERMOSTAT

Two thermostats in one housing:

Tamperproof (Pre-set) **Thermostat NC** (normally closed): opens on temperature rise (red module housing) - for regulating heaters or for switching signal devices when temperature has fallen below the minimum value.

Tamperproof (Pre-set) **Thermostat NO** (normally open): closes on temperature rise (blue module housing) - for regulating filter fans, heat exchangers, cooling devices or for switching signal devices when temperature limit has been exceeded.

|                                      |  |
|--------------------------------------|--|
| <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>       | 10 A resistive / 2 A inductive @ AC 120 V<br>5 A resistive / 1.6 A inductive @ AC 250 V<br>DC 30 W   |
| <b>Max. Inrush Current</b>           | AC 16 A for 10 sec.  |
| <b>Connection</b>                    | 4-pole terminal,<br>clamping torque 0.8 Nm max.<br>solid wire - AWG 14 max. (2.5 mm <sup>2</sup> )<br>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>Operating/Storage Temperature</b> | -40 to +176 °F (-40 to +80 °C)<br>-49 to +176 °F (-45 to +80 °C)   |
| <b>Operating/Storage Humidity</b>    | max. 90 % RH (non-condensing)  |
| <b>Dimensions</b>                    | 1.85 x 2.5 x 1.3" (47 x 63 x 33 mm)  |
| <b>Weight</b>                        | approx. 14.1 oz. (40 g)  |
| <b>Protection Type</b>               | IP20   |
| <b>Approvals</b>                     | UL File No. E164102 / VDE / EAC  |



*Dimensioned Drawings.*

- NC/NO or NO/NO in one unit
- Fixed set points
- Color coded modules
- DIN rail mountable



*\*When connecting with stranded wires, wire end ferrules must be used.*

| Part No.   | NC - Open On Rise                           |   | NO - Close On Rise                          |   |
|------------|---|---|---|---|
|            | Switch-Off Temperature                      | Switch-On Temperature                         | Switch-On Temperature                       | Switch-Off Temperature                        |
| 01163.0-00 | 59 °F / 15 °C<br>(± 9 °F / 5 K tolerance)   | 41 °F / 5 °C<br>(± 9 °F / 5 K tolerance)      | 122 °F / 50 °C<br>(± 11 °F / 7 K tolerance) | 104 °F / 40 °C<br>(± 12.6 °F / 6 K tolerance) |
| 01163.0-01 | 77 °F / 25 °C<br>(± 9 °F / 5 K tolerance)   | 59 °F / 15 °C<br>(± 9 °F / 5 K tolerance)     | 140 °F / 60 °C<br>(± 11 °F / 7 K tolerance) | 122 °F / 50 °C<br>(± 12.6 °F / 7 K tolerance) |
| 01163.0-02 | 59 °F / 15 °C<br>(± 9 °F / 5 K tolerance)   | 41 °F / 5 °C<br>(± 9 °F / 5 K tolerance)      | 95 °F / 35 °C<br>(± 11 °F / 7 K tolerance)  | 77 °F / 25 °C<br>(± 12.6 °F / 6 K tolerance)  |
| 01163.0-03 | 77 °F / 25 °C<br>(± 9 °F / 5 K tolerance)   | 59 °F / 15 °C<br>(± 9 °F / 5 K tolerance)     | 122 °F / 50 °C<br>(± 11 °F / 7 K tolerance) | 104 °F / 40 °C<br>(± 12.6 °F / 6 K tolerance) |
| Part No.   | NO - Close On Rise                          |   | NO - Close On Rise                          |   |
|            | Switch-On Temperature                       | Switch-Off Temperature                        | Switch-On Temperature                       | Switch-Off Temperature                        |
| 01164.0-00 | 122 °F / 50 °C<br>(± 11 °F / 7 K tolerance) | 104 °F / 40 °C<br>(± 12.6 °F / 6 K tolerance) | 140 °F / 60 °C<br>(± 11 °F / 7 K tolerance) | 122 °F / 50 °C<br>(± 12.6 °F / 7 K tolerance) |