TAMPER-PROOF DUAL THERMOSTAT - FTD 011

FTD

01163.0-00
FTD 011 15°C / 5°C (off/on), 50°C / 40°C (on/off)
NC/NO

- NO and NC thermostats in one housing
- Small size
- Preset values
- Simple installation

PRODUCT DESCRIPTION

FTD 011 is two thermostats in the same casing. Available with one NO contact and one NC contact or with two NO contacts.

Normally closed - Contact breaks (red casing) for regulating heaters or for switching signal devices when temperature has fallen below the minimum value. The contact opens when temperature is rising.

Normally open - Contact makes(blue casing) for regulating filter fans, heat exchangers, cooling devices or for switching signal devices when temperature limit has been exceeded. The contact closes when temperaure is rising.

The thermostat with one NO contact and one NC contact is used, for example, for controlling both a heater and fan.

The thermostat has two NO contacts, good for controlling two fans. One of the thermostats activates first and a smaller fan, for example, is activated. If this fan is unable to cool sufficiently and the temperature thus increases, the other thermostat activates and a larger fan can be started.

TECHNICAL DATA

GENERAL DATA

Switch on temperature NC	5 °C
Switch off temperature NC	15 °C
Switch on temperature NC	41 °F
Switch off temperature NC	59 °F
Switch on temperature NO	40 °C
Switch off temperature NO	50 °C
Switch on temperature NO	104 °F
Switch off temperature NO	122 °F
Tolerance switch off	±7K

Tolerance for switch on	±6K
Detection	Bimetallic
Contact type	1 x N/O, 1 x N/C

RATED OPERATING CONDITIONS

Voltage max	250 V ac
Inrush max	16 A
Breaking capacity	<250 VAC, 5 (1,6) A / 120 VAC, 10 (2) A. DC: 30W
Contact resistance	<20 mΩ
Operational temperature	-40°C ... +80°C
Storage temperature	-45°C ... +80°C
Life span	> 1000 000 cycles

DIMENSIONS

Height	47 mm
Width	63 mm
Depth	33 mm
Weight	0,04 kg
Material plastic housing	Plastic

SAFETY & APPROVALS

IP class	IP20
Approvals	CE, cULus, EAC, EMC, RoHS, UL E164102, VDE