



## TAMPER-PROOF THERMOSTAT - FTO 011/FTS 011

FTO, FTS

01161.0-02  
 FTS 011 Thermostat, 35°C / 25°C (on/off), normally open

- Small size
- Preset values
- Simple installation
- Innovative design



### PRODUCT DESCRIPTION

Tamper-proof (Pre-set) Thermostat FTO 011: 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.

Tamper-proof (Pre-set) Thermostat FTS 011: 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 temperature is rising.

### TECHNICAL DATA

#### GENERAL DATA

Control range temperature from	25 °C
Control range temperature to	35 °C
Control range temperature from	77 °F
Control range temperature to	95 °F
Switch on temperature NO	25 °C
Switch off temperature NO	35 °C
Switch on temperature NO	77 °F
Switch off temperature NO	95 °F
Tolerance switch off	±7K
Tolerance for switch on	±6K
Mounting	DIN-rail, quick mount

#### RATED OPERATING CONDITIONS

<b>Voltage max</b>	250 V ac
<b>Inrush max</b>	16 A
<b>Breaking capacity</b>	<250 VAC, 5 (1,6) A / 120 VAC, 10 (2) A. DC: 30W
<b>Contact resistance</b>	<20 mΩ
<b>Electrical lifetime</b>	>100 000 operations
<b>Connection type</b>	2-pole rigid: 2,5 mm <sup>2</sup> (AWG 14) or stranded 1,5 mm <sup>2</sup> (AWG 16). Torque 0,8 Nm.
<b>Humidity</b>	<90 % RH (non-condensing)
<b>Operational temperature</b>	-40°C ... +80°C
<b>Storage temperature</b>	-45°C ... +80°C
<b>Life span</b>	> 1 000 000 operations

## DIMENSIONS

<b>Height</b>	47 mm
<b>Width</b>	33 mm
<b>Depth</b>	33 mm
<b>Weight</b>	0,023 kg
<b>Material plastic housing</b>	Plastic

## SAFETY & APPROVALS

<b>Plastic cover</b>	Light grey, UL94 V-0
<b>IP class</b>	IP20
<b>Approvals</b>	CE, CSA, cULus, EAC, EMC, RoHS, UL E164102, VDE
<b>Country of origin</b>	Germany



