

## THERMOSTAT - STO 011/STS 011

STO, STS

01115.0-00

STO 011 Thermostat, 0-60°C, normally closed

- Thumbwheel setting dial
- Small hysteresis
- High switching capacity
- Anti frost assurance
- Optimized housing for better air flow



### PRODUCT DESCRIPTION

The mechanical thermostat is a two state regulator with small hysteresis. The setting wheel has an anti frost assurance. The housing ensures an optimized air circulation around the bimetal.

STO 011: Thermostat (NC); contact breaker for regulating heaters. The contact opens when temperature is rising.

STS 011: Thermostat (NO); contact maker for regulating of filter fans and heat exchangers or for switching signal devices when temperature limit has been exceeded. The contact closes when temperature is rising.

### SPECIFICATIONS

Approvals	CE, cULus, EAC, RoHS, UL E164102, VDE
Contact resistance	<10 mΩ
Control range temperature from	0 °C
Control range temperature to	60 °C
Depth	42 mm
Height	70 mm
Hysteresis Temperature	4K
Inrush Max	16 A
IP Class	IP20
Material Plastic Housing	Plastic
Operational Temperature	-45°C ... +80°C

<b>Storage temperature</b>	-45°C ... +80°C
<b>Tolerance for switch on</b>	±3K
<b>Tolerance switch off</b>	±3K
<b>Weight</b>	0,05 kg
<b>Width</b>	33 mm



The anti frost assurance is a symbol on the setting scale of the NC thermostat (STO 011) at +11 °C. This setting assures closing of the switching contact before 0 °C. With this setting hysteresis and tolerance are considered.

