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
Storage temperature	-45°C ... +80°C
Tolerance for switch on	±3K
Tolerance switch off	±3K
Weight	0.05 kg

Width	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.

