

# Small, compact Thermostat STO 011 / STS 011



- **Toothed setting wheel**
- **Small hysteresis**
- **High switching capacity**
- **Sensitiv bimetal**
- **Optimized housing for better air flow**

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.

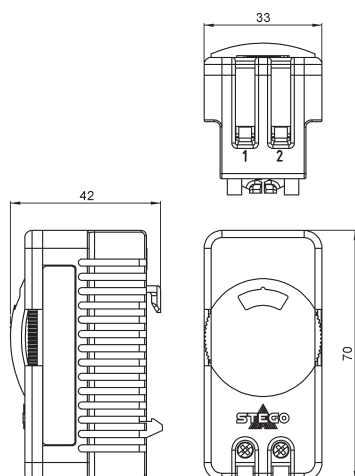
**STO 011:** Thermostat (normally closed); contact breaker for regulating heaters.

**STS 011:** Thermostat (normally open); contact maker for regulating of filter fans and heat exchangers or for switching signal devised when temperature limit has been exceeded.



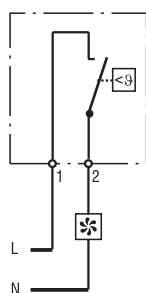
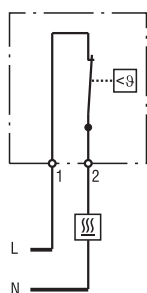
## Technical Data

<b>Switch temperature difference</b>	4K (±3K tolerance)
<b>Sensor element</b>	thermostatic bimetal
<b>Contact type</b>	snap-action contact
<b>Service life</b>	> 100,000 cycles
<b>Max. switching capacity</b>	250VAC, 10 (2) A 120VAC, 15 (2) A
<b>Max. inrush current</b>	30WDC at 24VDC to 72VDC 16A for 10 sec.
<b>Connection</b>	2-pole terminal for 2.5mm <sup>2</sup> (AWG13), torque 1Nm max.
<b>Mounting</b>	clip for 35mm DIN rail, EN60715
<b>Casing</b>	plastic according to UL94 V-0, light grey
<b>Dimensions</b>	70 x 33 x 42mm
<b>Weight</b>	approx. 50g
<b>Fitting position</b>	variable
<b>Operating / Storage temperature</b>	-45 to +80°C (-49 to +176°F)
<b>Operating / Storage humidity</b>	max. 90% RH (non-condensing)
<b>Protection type</b>	IP20

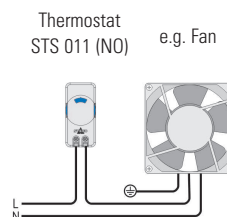
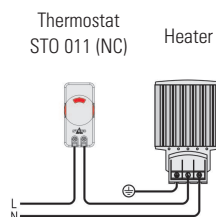
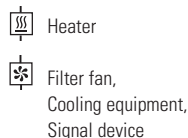


Thermostat  
STO 011 (NC)

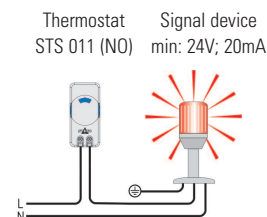
Thermostat  
STS 011 (NO)



Example of connection



Example of connection



Setting range	Art. No. Contact Breaker (NC)	Art. No. Contact Maker (NO)	Approvals
0 to +60°C	01115.0-00	01116.0-00	VDE + UL submitted
+32 to 140°F	01115.9-00	01116.9-00	VDE + UL submitted