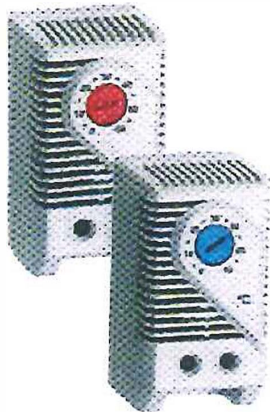


Front  
Isometric  
View

# Small, compact Thermostat KTO 011 / KTS 011



**Large setting range**

**Small size**

**Simple to mount**

**High switching performance**

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

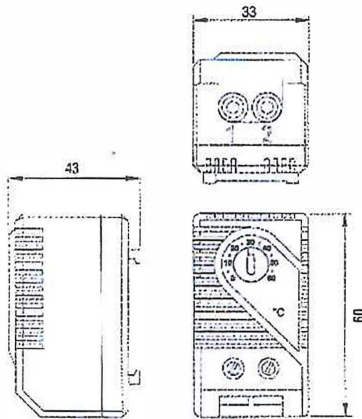
**KTS 011:** Thermostat (normally open); contact maker for regulating of filter fans and heat exchangers or for switching signal devised when temperature limit has been exceeded.

Regulating and Monitoring



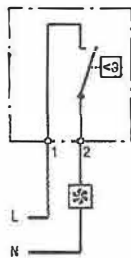
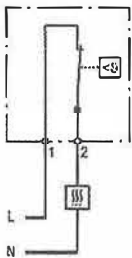
## Technical Data

<b>Switch temperature difference</b>	7K (± 4k tolerance)
<b>Sensor element</b>	Thermostatic bimetal
<b>Contact type</b>	Snap-action contact
<b>Contact resistance</b>	<10m Ω
<b>Service life</b>	>100,000 cycles
<b>Max. Switching capacity</b>	250VAC, 10(2) A 120VAC, 15(2) A DC 30W
<b>EMC</b>	Acc. To EN 55014-1-2, EN 61000-3-2, EN 61000-3-3
<b>Connection</b>	2-pole terminal, clamping torque 0.5Nm max.: Rigid wire 2.5mm <sup>2</sup> Stranded wire (with wire end ferrule) 1.5mm <sup>2</sup>
<b>Mounting</b>	Clip for 35mm DIN rail, En50022 (or for exit filter EF 11B Series)
<b>Casing</b>	plastic according to UL94-HB, black
<b>Dimensions</b>	60 x 33 x 43mm
<b>Weight</b>	Approx. 40g
<b>Fitting position</b>	Variable
<b>Operating / Storage temperature</b>	-45 to +80°C (-49 to +176° F)
<b>Protection type</b>	IP20



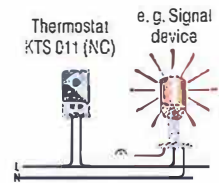
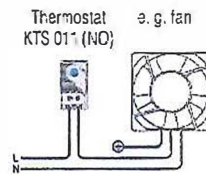
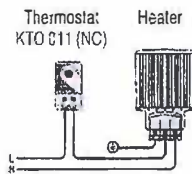
Thermostat: KTO 011 (NC)

Thermostat: KTS 011 (NO)



Example of connection

- Heater
- Filter fan, Cooling equipment
- Signal device



Example of connection

Setting range	Art. No. Contact Breaker (NC)	Art. No. Contact Maker (NO)
0 to +60°C	01140.0-00	01141.0-00
-10 to +50°C	01142.0-00	01143.0-00
+20 to -60°C	01159.0-00	01158.0-00
+30 to +140° F	01140.9-00	01141.9-00
+14 to +122° F	01142.9-00	01143.9-00
0 to +60°C	01146.9-00	01147.9-00