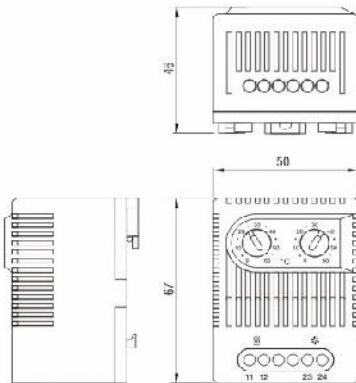




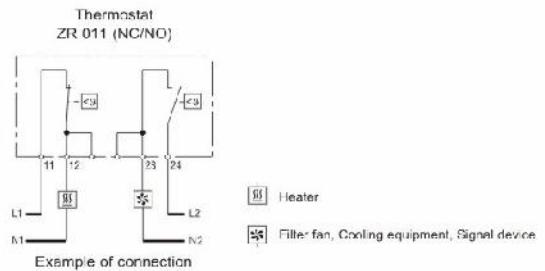
- ◆ NO and NC in one casing
- ◆ Separate adjustable temperatures
- ◆ High switching capacity
- ◆ Terminals easily accessible
- ◆ Clip fixing

Two thermostats in one casing:  
 Thermostat (contact breaker, normally closed) for regulating heaters.  
 Thermostat (contact maker, normally open) for regulating filter fans and heat exchangers or switching signal devices when temperature limit has been exceeded.  
 Heaters and cooling equipment can be switched independently from each other with a temperature offset as opposed to the usual change-over contacts.



• Technical Data

Switch temperature difference	7K (±4K tolerance)
Sensor element	thermostatic bimetal
Contact type	snap-action contact
Contact resistance	< 10 mΩ
Service life	> 100,000 cycles
Max. Switching capacity	250VAC, 10 (2) A 120VAC, 15 (2) A DC 30W
EMC	acc. to EN 55014-1-2, EN 61000-3-2, EN 61000-3-3
Connection	4-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>
Mounting	clip for 35mm DIN rail, EN50322
Casing	plastic according to UL94 V-0, light grey
Dimensions	67 x 50 x 46mm
Weight	approx. 90g
Fitting position	variable
Operating / Storage temperature	-45 to +80°C (-49 to +176°F)
Protection type	IP20
Approvals	UL File No. E164102



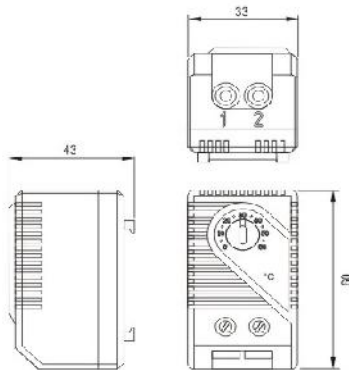


- ◆ Large setting range
- ◆ Small size
- ◆ Simple to mount
- ◆ High switching performance

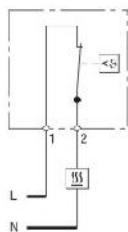
**KTO 011:** Thermostat (normally closed); contact breaker for regulating heaters.  
**KTS 011:** Thermostat (normally open); contact maker for regulating of filter fans and heat exchangers or for switching signal devised when temperature limit has been exceeded.

◆ Technical Data

Switch temperature difference	7K (±4K tolerance)
Sensor element	thermostatic bimetal
Contact type	snap-action contact
Contact resistance	< 10mΩ
Service life	> 100,000 cycles
Max. Switching capacity	250VAC, 10 (2) A
	120VAC, 15 (2) A
	DC 30W
EMC	acc. to EN 55014-1-2, EN 61000-3-2, EN 61000-3-3
Connection	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>
Mounting	clip for 35mm DIN rail, EN50022 (or for exit filter EF 118 Series)
Casing	plastic according to UL94 V-0, light grey
Dimensions	60 x 33 x 43mm
Weight	approx. 40g
Fitting position	variable
Operating / Storage temperature	-45 to +80°C (-49 to +176°F)
Protection type	IP20

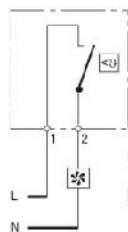


Thermostat KTO 011 (NC)

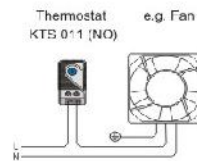
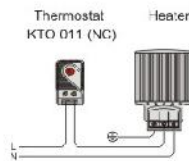


Example of connection

Thermostat KTS 011 (NO)



- Heater
- Filter fan,  
Cooling equipment,  
Signal device



Example of connection

