

# SMALL THERMOSTAT

## STANDARD FEATURES

- Compact Design
- Wide adjustment range
- Available with °F or °C scale
- Color coded temperature dials
- DIN rail mountable

Mod	Contact type	Scale
KSSTC1F	Normally Closed	32-140°F
KSST1F	Normally Open	32-140°F
KSSTC1	Normally Closed	0-60°C
KSST1	Normally Open	0-60°C



## TECHNICAL DATA

Sensor element:	Thermostatic bi-metal
Maximum tolerance:	±7.2°F (4K)
Switching difference (hysteresis):	12.6°F ± 5.4°F (7K ± 3K)
Max. operating voltage, frequency range	AC 250V, 50-60 Hz
Max. inrush current	AC 16 A for 10 sec.
Service life:	100,000 cycles
Switching capacity (max. load):	15A resistive/2A inductive @ 120 VAC 10A resistive/2A inductive @ 250 VAC DC 30W 24-72 V
EMI/EMC compliance:	EN 55014-1-2, EN 61000-3-2, EN 61000-3-3
Connections:	2 Push-In clamps Rigid wire 2.5 mm <sup>2</sup> (AWG 14) Stranded wire 1.5 mm <sup>2</sup> (AWG 14)
Mounting:	Clip for 35 mm DIN rail (EN 60715)
Housing:	Plastic, UL94V-0
Weight:	1.4 oz (40 g)
Protection type:	IP 20
Operating/storage temperature:	-49 to 176°F (-45 to 80°C)
Operating/Storage humidity	Max. 90% RH (non-condensing)

**Thermostat “NC” (normally closed):** Thermostat opens at temperature rise. Comes with a **red** temperature dial.

**Thermostat “NO” (normally open):** Thermostat closes at temperature rise. Comes with a **blue** temperature dial.

## DRAWINGS

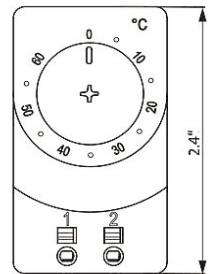
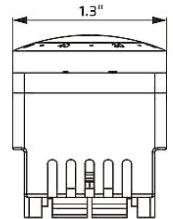
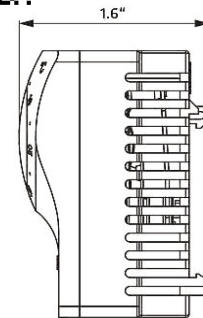
Dimensions, inches [mm], are for reference only and are subject to change.

Find additional information on this model at [kooltronic.com](http://kooltronic.com), or use the Technical Documents QR code below.

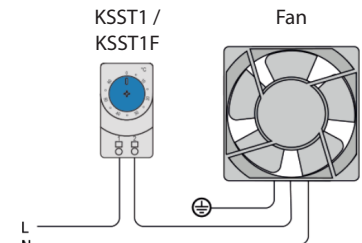
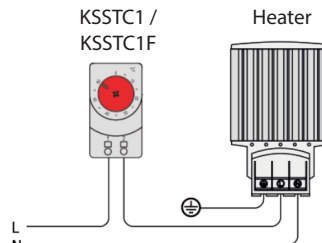
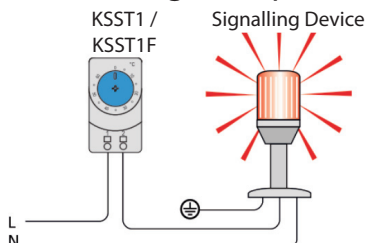
Technical Documents



**HOW TO ORDER**  
Specify model number.



## Wiring Examples



Specifications are subject to change without notice. Suitability of this product for its intended use and any associated risks must be determined by the end customer/buyer in its final application.

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