



# 24VDC ELECTRONIC THERMOSTAT

The KS7ET is an electronic thermostat designed to switch the potentially high loads (amps) of DC 24 V operated equipment. With its potential-free change-over contact, a wide variety of products can be switched, i.e. heating/cooling equipment as well as signal devices.

A relatively small hysteresis sets the KS7ET Thermostat apart from less accurate mechanical thermostats.



## STANDARD FEATURES

- 16 Amp switching capacity
- Low hysteresis
- Adjustable temperature
- Available in °F or °C scale
- Change-over contact
- DIN rail mountable

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

Technical Documents



## Model No.    Temperature range

KS7ET	0-60°C
KS7ETF	32-140°F

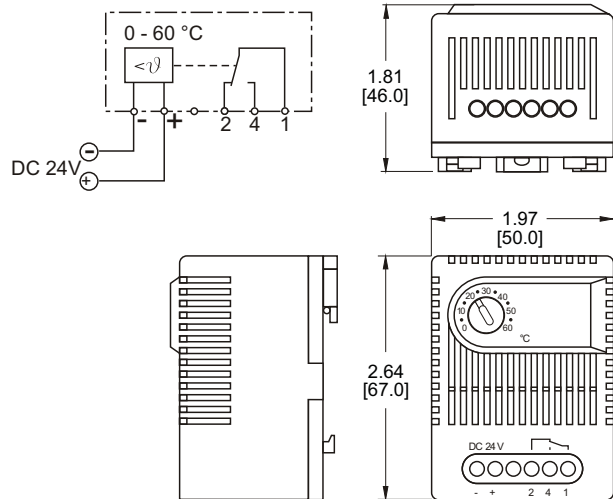


## TECHNICAL DATA

- Switching difference (hysteresis): Approx. 5.4°F (3K)
- Sensor element: PTC
- Contact type: Change-over
- Contact resistance: < 10mΩ
- Service life: > 100,000 cycles
- Max. switching capacity: 16A @ DC 28 V (resistive load)
- Minimum current required: 20mA
- EMI/EMC compliance: EN 55014-1-2, EN 61000-3-2, EN 61000-3-3
- Connection: 5-pole terminal for AWG 14 max. (2.5 mm<sup>2</sup>)
- Mounting: Clip for 35 mm DIN rail (EN 50022)
- Housing: Plastic, UL94V-0
- Weight: Approx. 2.8 oz. (80 g)
- Mounting position: Vertical
- Operating/storage temperature: -49 to 158°F (-45 to 70°C)
- Protection type: IP 20

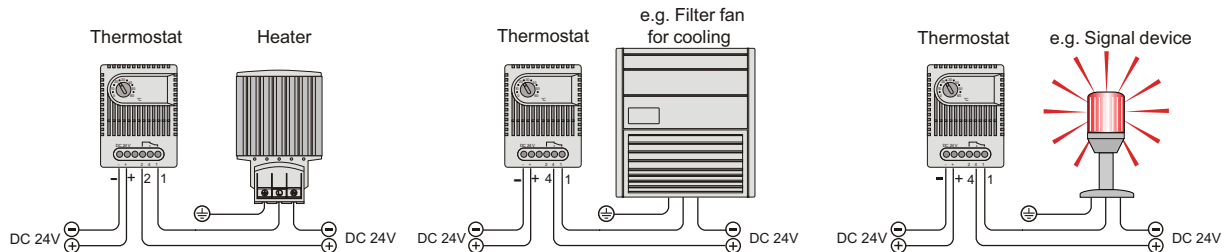
## DRAWINGS

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



## 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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