

## THERMOSTAT - KTO 011/KTS 011

KTO, KTS

01140.0-00

KTO 011 Thermostat, 0-60°C, normally closed

- Simple installation
- Wide regulation range -10 °C to +80 °C
- Cost effective
- UL-approved versions
- \*\* PHASE OUT PRODUCT 2023 - USE KTO 111/KTS 111



### PRODUCT DESCRIPTION

KTO 011 is an electro-magnetic thermostat with one NC contact for regulating, for example, heating elements. KTS 011 is an electro-magnetic thermostat with one NO contact for regulating, for example, filter fans or overheating alarms.

## TECHNICAL DATA

### GENERAL DATA

Control range temperature from	0 °C
Control range temperature to	60 °C
Tolerance switch off	±4K
Tolerance for switch on	±4K
Hysteresis temperature	7K
Mounting	DIN-rail 35mm, quick mount

### RATED OPERATING CONDITIONS

Voltage max	250 V ac
Inrush max	16 A
Breaking capacity	250 VAC, 10 (2) A / 120 VAC, 15 (2) A. DC: 30W @ 24 VDC, up to 72 VDC
Contact resistance	<20 mΩ
Electrical lifetime	> 100 000 operations

<b>Connection type</b>	2-pole 1-strand: 2,5 mm <sup>2</sup> (AWG 14) or multistrand 1,5 mm <sup>2</sup> (AWG 16). Torque 0,8 Nm.
<b>Humidity</b>	<90 % RH (non-condensing)
<b>Operational temperature</b>	-45°C ... +80°C
<b>Storage temperature</b>	-45°C ... +80°C
<b>Life span</b>	> 1000 000 operations

## DIMENSIONS

<b>Height</b>	60 mm
<b>Width</b>	33 mm
<b>Depth</b>	43 mm
<b>Weight</b>	0,04 kg
<b>Material plastic housing</b>	Plastic

## SAFETY & APPROVALS

<b>Plastic cover</b>	Light grey plastic, UL94 V-0
<b>IP class</b>	IP20
<b>Approvals</b>	CE, EAC, RoHS, VDE
<b>Country of origin</b>	Germany

