

## THERMOSTAT - KTO 011/KTS 011

KTO, KTS

01143.9-00

KTS 011 Thermostat, 14°F...122°F, normally open

- 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 | 14 °F                      |
| Control range temperature to   | 122 °F                     |
| 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                          |
| Contact resistance  | <20 mΩ                        |
| Electrical lifetime | > 100 000 operations          |
| Humidity            | Max. 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, CSA, cULus, EAC, RoHS, UL E164102, VDE |
| <b>Country of origin</b> | Germany                                    |

