

THERMOSTAT - KTO 111/KTS 111

KTO 111, KTS 111

11101.0-02

KTS 111 Thermostat, +20°C...+80°C, normally open, cooling, Push In terminals

- Push-In Terminals
- Adjustable ranges from -10 °C to +80 °C
- Quick installation
- Improved air intakes for ventilation
- UL Approved as standard



PRODUCT DESCRIPTION

KTO111 and KTS111 are a new generation of thermostats from Stego with Push-In connection. The Push-In connection speeds up the installation time by around 30%, while providing a secure connection with constant pressure against the conductor.

KTO111 and KTS111 respond quickly to temperature changes, due to innovative air vents for better air circulation around the temperature sensor.

The large colour coded dial used for setting the temperature, requires a screwdriver to help protect against accidental adjustment.

KTO 111 is an electromechanical thermostat with 1 NC contact usually used for switching heaters. The contact opens when the temperature rises to the set temperature on the red dial.

KTS 111 is an electromechanical thermostat with 1 NO contact usually used for switching cooling fans or to give a signal (switch on) when the temperature is too high. The contact closes if the temperature rises above the set value on the blue dial.

TECHNICAL DATA

GENERAL DATA

| | |
|--------------------------------|----------------------------|
| Control range temperature from | 20 °C |
| Control range temperature to | 80 °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, 3 (2) A / 120 VAC, 3 (2) A. DC: 30W @ 24 VDC, up to 72 VDC |
| Contact resistance | <20 mΩ |
| Electrical lifetime | > 100 000 operations |
| Connection type | 2 push in terminals for 2.5mm solid, 1.5mm stranded |
| Humidity | <90 % RH (non-condensing) |
| Operational temperature | -45°C ... +80°C |
| Storage temperature | -45°C ... +80°C |

DIMENSIONS

| | |
|---------------------------------|----------|
| Height | 60 mm |
| Width | 33 mm |
| Depth | 41 mm |
| Weight | 0.04 kg |
| Material plastic housing | UL94 V-0 |
| Material of body | Plastic |

SAFETY & APPROVALS

| | |
|--------------------------|---------------------------------------|
| Plastic cover | Light grey plastic, UL94 V-0 |
| IP class | IP20 |
| Approvals | CE, cULus, EAC, RoHS, UL E164102, VDE |
| Country of origin | Germany |



