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THERMOSTAT - KTO 111/KTS 111

KTO 111, KTS 111

11100.0-00
KTO 111 Thermostat, 0…+60°C, normally closed, heating, 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	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

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	4 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

