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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

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	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		







