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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

Connection type	2-pole 1-strand: 2,5 mm² (AWG 14) or multistrand 1,5 mm² (AWG 16). Torque 0,8 Nm.
Humidity	<90 % RH (non-condensing)
Operational temperature	-45°C ... +80°C
Storage temperature	-45°C ... +80°C
Life span	> 1000 000 operations

DIMENSIONS

Height	60 mm
Width	33 mm
Depth	43 mm
Weight	0.04 kg
Material plastic housing	Plastic

SAFETY & APPROVALS

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

