

# Thermostat TK24 (-45°C - +10°C)

Thermostat TK24 (DIN EN 60730-1) is temperature sensitive device, with cyclic operation. It is assigned for maintaining the needed temperature, between two predetermined temperature limits, automatically controlling-the on and off of the electrical circuit.

The choice of its operation position is free.

**APPLICATIONS.** Temperature regulation, control, temperature limiting and indication in domestic and industrial electric appliances, etc.

## BASIC TECHNICAL DATA

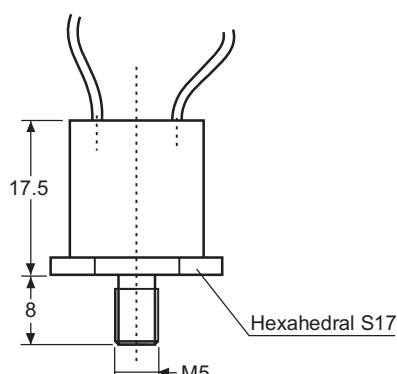
Parameters name	Value
Nominal voltage, V, not more	~250
Nominal current, A, at power coeff. 0,95, not more	16
Nominal current, A, at power coeff. 0,6, not more	10
Switching cycles, at nominal current 16 A and power coeff. 0,95, not less	30 000
Temperature range, °C	-45 - +10
Tolerance of operation temperature, °C, not less than	±3
Reset temperature, lower than operation temperature, °C, on	10 ±3; 15 ±5
Contact resistance, Ω, not more	0,01; 0,05
Electric strength of insulation, V, not less than	1500
Insulation resistance, MΩ, not less than	50
Heating speed, K/min	minimum-0,1, maximum-1,0
Degree of protection provided by enclosure	IP64
Weight, g, not more	9,5

**Note:** The customer can also give orders according to required parameters, which should be agreed with the manufacturer.

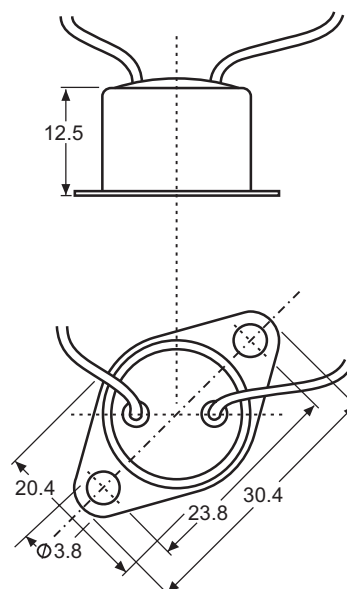
The outer appearance, its installation and tightening, is classified as per its assembling requirements.

The design, volume, and assembling sizes, are all described in the drawings.

Switch-off Contact **TK24-11-1**  
Switch-on Contact **TK24-11-2**



Switch-off Contact **TK24-12-1**  
Switch-on Contact **TK24-12-2**



## Vratné termostaty bimetalové: K2411, K2412

Rozsah pracovních teplot:	<b>-45°C +10°C</b>
Jmenovité napětí [V]	250ac
Jmenovitý proud [A]	16ac
Počet spínacích cyklů	(16A,cos Φ=0,95) 30000
Tolerance teploty [%]	+/-3
Teplota návratu [°C]	10+/-3; 15+/-5
Odpor kontaktu [mΩ]	10; 50
Dielektrická pevnost [V]	1500
Izolační odpor [MΩ]	50
Rychlost ohřívání [°K/min]	min- 0,1; max- 1
Stupeň ochrany pouzdra	IP64
Hmotnost [g]	9,5