

Electromechnical capillary thermostat

TK

Description

The electromechanical capillary thermostat TK, three available ranges, is suitable for most of temperature control requirements for heating and cooling applications. The thermostats are available with external, internal range knob and with fix temperature calibration.

Technical specifications

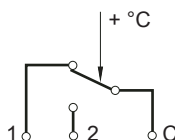
Measurement range	see schedule
Differential	see schedule
Tolerance	Min. temp. $\pm 5^{\circ}\text{C}$, min. temp. $\pm 3^{\circ}\text{C}$
Electrical rating	16 (4) A, 250 V AC - 6 (1) A, 400 V AC
Max. housing temperature	T 85
Max. bulb temperature	T 120
Temperature gradient	1 $^{\circ}\text{C}/\text{min}$
Isolation class	I
Overvoltage category	II
Nominal impulse voltage	4 kV
Dimensions	84 x 84 x 36 mm
Standards	CE-conformity



Models	Range $^{\circ}\text{C}$	Protection (*)	Differential	Internal knob	External knob	Reset	Capillary length mm
TK1	0...+60	IP43	3 \pm 1 $^{\circ}\text{C}$		•		1000
TK1S	0...+60	IP55	3 \pm 1 $^{\circ}\text{C}$	•			1000
TK2	0...+90	IP43	4 \pm 2 $^{\circ}\text{C}$		•		1000
TK2S	0...+90	IP55	4 \pm 2 $^{\circ}\text{C}$	•			1000
TK3	-35...+35	IP43	2 \pm 1 $^{\circ}\text{C}$		•		1500
TKL100	fissa 100 $^{\circ}\text{C}$	IP55				manual	1000
TKL1	+90...+110	IP55		•		manual	1000

(*)The degree of protection is ensured by placing the unit horizontally or vertically with the cable entry facing down.

Electrical wirings



Dimensions (mm)

