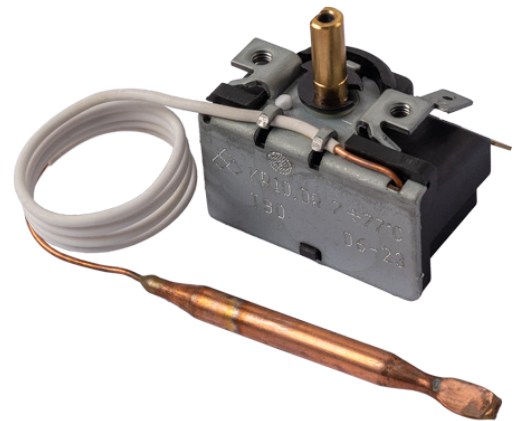


Capillary thermostat

KR XX.NN

The KR capillary thermostat uses a single-pole temperature control operated by liquid dilation. It has two basic units: the switching head and the capillary tube sensor. The switching head ensures a micro-break of the live wire. The thermostat is available as a normally closed (NC) unit with or without an alarm output terminal that can indicate a micro-break in the load.



Application

The thermostat is intended for single-phase voltage powered home appliances and similar applications regulated by ČSN EN 60335-1. Other applications require consulting with the manufacturer. The thermostat is intended for the isolation of electrical appliances from the AC mains.

Product features

- The temperature sensor position can be repositioned from the switching head
- The switching head can be installed in any position
- The capillary tubes can be bent to shape and conform to the installation configuration
- Does not consume electrical power
- Low operating and maintenance costs

Specifications

Model	KR 10 (KR 11)	KR 20 (KR 21)
Control setting range	7 - 77°C	35 - 95°C
Maximum trip temperature drift	±6°C	±4°C
Switching difference	2 - 6 K	2 - 6 K
Rated current	16/10 A	16/10 A
Alarm line rated current	2 A	2 A
Load type	0,95 Φ	0,95 Φ
Rated voltage	240/400 V AC	240/400 V AC
Temperature range (switching head)	0 - 90°C	0 - 90°C
Max. sensor temperature	90°C	110°C
Ingress protection rating	IP00	IP00
Protection class	I	I
Endurance class	100 000	100 000
Automatic operation type	2 BL	2 BL
Capillary tube length	500 or 1000 mm	500 or 1000 mm
Min. capillary tube bending radius	5 mm	5 mm
Connection terminals	Tab, 6.3 x 0.8 (ČSN EN 61210)	Tab, 6.3 x 0.8 (ČSN EN 61210)

Type designation

KRXXNN

X	Operating range	1	0 – 15°C to 20 – 90°C
		2	20 – 45°C to 90 – 99°C
X	Terminal	0	W/o alarm output terminal
		1	W/alarm output terminal

NN Custom version designation per agreed technical specifications

