

# Temperature Limiter TK32

Temperature limiter TK32 (DIN EN 60730-1) is temperature sensitive device, with manual reset, assigned to maintain the temperature in its lower limits. The reset is achieved by pressing manually the button.

The choice of its operation position is free.

TK32 has open contacts.

**APPLICATIONS.** The device is used for temperature limiting, alarm connections, 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 than	10 000
Temperature range, °C	30 - 170
Tolerance of operation temperature, %	$\pm 1$ ; $\pm 3$ , but not less than, °C $\pm 1$ ; $\pm 3$
Contact resistance, $\Omega$ , not more	0,05
Electric strength of insulation, V, not less than	1500
Insulation resistance, $M\Omega$ , not less than	50
Heating speed, K/min	minimum-0,1, maximum-1,0
Degree of protection provided by enclosure	IP4X
Weight, g, not more	6,8

**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.

