



TS16K

Ex-Temperature Switch, bimetal, fixed setpoint:

The electric temperature switch TS16K is designed to switch electrical devices with respect to the ambient temperature. The switch is integrated into the device cable. The switching point depends on the chosen bimetal switch. The setpoint as well as the functional principle, meaning opening or closing, have to be defined during order and will be preset during production phase. As a standard the TS16K comes as an opener.

Options and Accessories:

- TS 16C Contacts close at temperature rise (e.g. fan control)
Setpoint (maximum): 10°C, 20°C, 25°C, 30°C, 35°C, 40°C, 50°C, 60°C, 70°C
- TS 16O Contacts open at temperature rise (e.g. heater control)
Setpoint (minimum): 10°C, 15°C, 20°C, 30°C, 40°C, 50°C, 60°C, 70°C, 80°C
- TS 16Z Special design – e.g. setpoints different from standard, golden contacts, armoured cable

Marking:

Gas:	II 2 G Ex db IIC T4 / T3 Gb
Dust:	II 2 D Ex tb IIIC T135°C / T200°C Db
EC Type Examination Certificate:	EPS 15 ATEX 1042
IECEX Certificate:	IECEX EPS 15.0056
EAC Ex Certificate:	RU C-DE.EX01.B.00032/19

Technical Data:

Setpoint:	Defined with order
Tolerance:	+/- 3°C for setpoints up to 80°C, +/- 5°C for setpoints over 80°C
Rated Voltage:	250VAC
Rated Current:	16A
Connection Cable:	Silicone cable of the device, 0,5m behind the heater
Weight:	app. 0,8 kg
Ambient Temperature:	T4: -60°C - +80°C / T3: -60°C - +140°C
Degree of Protection:	IP 68
Enclosure:	Aluminum, saltwater-proof
Cable Glands	M25 x 1,5, Nickel Plated Brass

