



# TS16

## Ex-Temperature Switch, bimetal, fixed setpoint:

The electric temperature switch TS16 is designed to switch electrical devices with respect to the ambient temperature. 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 TS16 comes as an opener.

### Types:

- TS 16C Contacts close at temperature rise  
Setpoint ON: 5°C, 10°C, 20°C, 25°C, 30°C, 40°C, 50°C, 60°C, 70°C
- TS 16O Contacts open at temperature rise  
Setpoint OFF: -10°C, 0°C, 10°C, 15°C, 20°C, 30°C, 40°C, 50°C, 60°C, 70°C, 80°C, 100°C, 120°C, 140°C
- TS 16Z Special design – e.g. setpoints different from standard, golden contacts, armoured cable

### Marking:

Gas:	II 2 G Ex d 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:	Silicon cable 3x2,5 mm <sup>2</sup> , 3 m
Weight:	app. 0,6 kg
Ambient Temperature:	T4: -60°C - +80°C / T3: -60°C - +140°C
Operating Temperature:	T4: -60°C - +120°C / T3: -60°C - +180°C
Degree of Protection:	IP 68
Enclosure:	Aluminum, saltwater-proof

