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## Bimetallic switches / thermal protectors Type: S08

## **Description**

**Closer:** Normally open - If overheating occurs, the bimetallic switch promptly closes and activates a circuit e.g. for a signalling device.

**Function:** As soon as the bimetallic disc reaches its rated switching temperature, it snaps to its reverse position. The contacts that were open before are closed suddenly - the circuit is now activated. When the temperature drops again to a defined switch-back temperature, the bimetallic disc snaps back to its original position - the contacts and the circuit are open again.

**Automatic reset:** When the temperature falls below the defined reset-temperature, the switch returns to its stable starting position.

## **Technical data**

**Nominal switching** 

temperature (NST): 70° to 200°C Tolerance: +/- 5°C

Rated voltage AC: 250 V

Rated current AC  $\cos \varphi = 1$  10 A Rated current AC  $\cos \varphi = 0.6$  6,3 A

Max. switching current

AC  $\cos \phi = 1.0$  25 A

**Dimensions** 

Diameter: 10,5 mm Height: 7,0 mm Length: 17,5 mm

**Lead cross-section:** 0,75 mm<sup>2</sup>

Lead length: 300 mm

**Insulation / High voltage resistance:** Mylar / 2,0kV

Suitabe for installation in protection class: | + ||

**Applications:** Ideal for installation in or on windings of electric motors,

transformers or ballasts.

