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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.

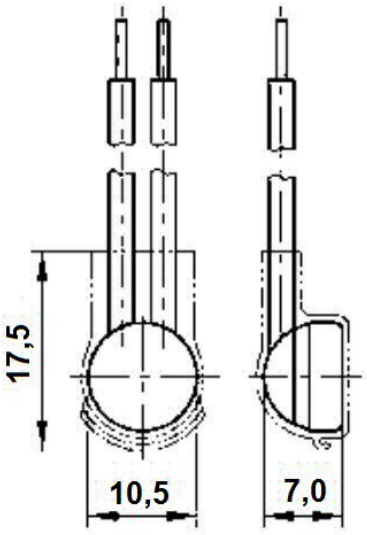
## Technical data

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

**Rated voltage AC:** 250 V

**Rated current AC cosφ = 1** 10 A
**Rated current AC cosφ = 0,6** 6,3 A

**Max. switching current AC cos ϕ = 1,0** 25 A




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

**Lead cross-section:** 0,75 mm²

**Lead length:** 300 mm

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

**Suitabe for installation in protection class:** I + II

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