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Bimetallic switches / thermal protectors
Type: S01

Description

Opener: Normally closed - If overheating occurs, the bimetallic switch promptly opens the load circuit.

Function: As soon as the bimetallic disc reaches its rated switching temperature, it snaps to its reverse position. The contacts that were closed before are opened suddenly - the circuit is interrupted. 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 closed again.

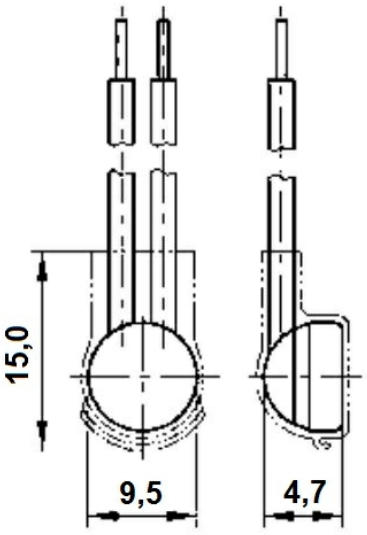
Automatic reset: When the temperature falls below the defined reset-temperature, the switch returns to its stable starting position.

Technical data

Nominal switching temperature (NST):	60° to 200°C
Tolerance:	+/- 5°C
Rated voltage AC:	250 V
Rated current AC cosφ = 1	2,5 A
Rated current AC cosφ = 0,6	1,6 A
Max. switching current AC cos ϕ = 1,0	6,3 A

Dimensions

Diameter:	9,5 mm
Height:	4,7 mm
Length:	15,0 mm



Lead cross-section:	0,25 mm²
Lead length:	300 mm
Insulation / High voltage resistance:	Mylar / 2,0kV
Suitable for installation in protection class:	I + II
Applications:	Smallest dimension, for use even in confined spaces. Ideal for installation in or on windings of electric motors, transformers or ballasts.