

Bimetallic switches / thermal protectors Type: S01

Description

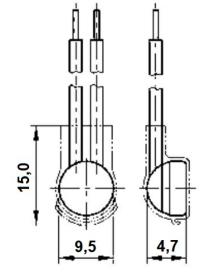
Opener: Normally closed - If overheating occurs, the bimetallic switch promptly opens the load circuit.

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): Tolerance:	60° to 200°C +/- 5°C		
Rated voltage AC:	250 V		
Rated current AC cosφ = 1 Rated current AC cosφ = 0,6		2,5 A 1,6 A	
Max. switching currer AC cos φ = 1,0	nt	6,3 A	15.0
Dimensions Diameter: Height: Length:	9,5 mm 4,7 mm 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: | + ||

Applications: Smallest dimension, for use even in confined spaces. Ideal for installation in or on windings of electric motors, transformers or ballasts.