



DATA SHEET
trip-indicating auxiliary contact
DHi-S10
for displaying the operating status upon switch-off
 Article number 09917990



Function

Auxiliary switches report the status of the main devices to which they are fitted. Fault signal auxiliary switches DHi-S can be retro-fitted to miniature circuit-breakers from series DLS 6 (h, hsl or i). The fault signal switch only activates when the miniature circuit-breaker has switched off due to overload or short-circuit. Other signal devices (buzzers, indicator light, etc.) or the Dupline bus system can then be used to indicate the operating status of the fault signal switch or for other control processes.

Features

auxiliary switch function for DLS 6, different contact designs available, compact design (0.5 module width units), complies with IEC 60947-5-1, EN 60947-5-1 and VDE 0660-200

Mounting

mounting by clamping to the right of the basic device , quick fastening to mounting rail, any installation position

Applications

These devices are suitable for querying the operating status of power supplies to residential and purpose-built buildings as well as to industrial facilities.

Notes

The auxiliary switch does not affect the function of the basic device.

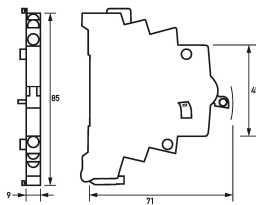
Technical Data

Technical Data	DHi-S10
Series	DHi-S10
suitable for model range	DLS 6
Mounting side	right
Number of (n.o, n.c.,change-over)	0 0 1
	load circuit
Specification	switching contact
Rated voltage (AC)	230 V
Rated current (AC)	max. 4.8 A
Rated power	min. 0.1 VA
Allowed utilization category	AC-15, DC-13
max. Rated current thermal	16 A
max. Rated current AC-15 120 V	9.6 A
max. Rated current AC-15 230 V	4.8 A
max. Rated current DC-13 125 V	3.5 A
max. Rated current DC-13 250 V	1.8 A
	screw-type terminal top and bottom (load circuit)
Allowed types of wires	solid conductor, flexible conductor, stranded conductors with ferrule
Cross section solid	1-wire: 0.5 mm ² ... 2.5 mm ²
Connecting capacity flexible	1-wire: 0.5 mm ² ... 1.5 mm ²
Cross section flexible with ferrule	0.5 mm ² ... 1.5 mm ²

Subject to technical changes

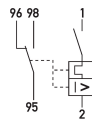
Technical Data	DHi-S10
	General data
Duty cycle	continuous operation (Duty cycle \leq 100 %, at Ue)
Operating position	optional
Housing type	distribution board housing
Installation type	Mounting rail (35 mm), Device extension
Protection class	IP20 (installed: IP40)
Width	8.8 mm
Height	87 mm
Depth	68.3 mm
Installation depth	72.8 mm
Module widths	0.5
Weight	0.046 kg
Design requirements/Standards	EN 60947-5-1, VDE 0660-200

Dimensions



Dimensional drawing Group view

Wiring example



Wiring diagram