



symbolic image

DATA SHEET

DHi 7
 for displaying the operating status
 Article number 09917988



[Internetlink](#)

Function

Auxiliary switches report the status of the main devices to which they are fitted. Auxiliary switches DHi 3 to DHi 8 can be retro-fitted to miniature circuit-breakers from series DLS 6 h, hsl or i. The auxiliary switch activates in parallel to the DLS 6 miniature circuit-breaker when switched off by hand or because of overload or short-circuit. Other indicators (buzzers, indicator light, etc.) or the Dupline bus system can be used to display the operating status of a miniature circuit-breaker or use it 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

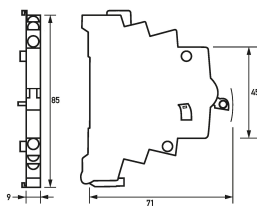
The auxiliary switch does not affect the function of the basic device.

Technical Data

Technical Data	DHi 7
Series	DHi 7
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)	4.8 A
Rated power	min. 0.1 VA
Allowed utilization category	AC-15, DC-13
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	massive conductors, flexible conductors, stranded conductors
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
	General data
Duty cycle	continuous operation (Duty cycle ≤ 100 %, at U _e)
Operating position	any

Technical Data	DHi 7
Housing type	Distributor housing
Mounting type	Mounting rail, Device extension
Protection class	IP20 (installed: IP40)
Width	8.8 mm
Height	87 mm
Depth	68.3 mm
Installation depth	72.8 mm
Width (modules)	0.5
Design requirements/Standards	EN 60947-5-1, VDE 0660-200

Dimensions



Dimensional drawing Group view

Wiring example



Wiring diagram