



symbolic image

**DATA SHEET**  
**auxiliary switches**  
**DHi 7**  
**for displaying the operating status**  
 Article number 09917988



**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.) can be used to display the operating status of a miniature circuit-breaker.

**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.

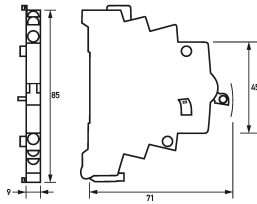
**Technical Data**

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
	<b>load circuit</b>
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 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
	<b>screw-type terminal top and bottom (load circuit)</b>
Allowed types of wires	solid conductor, flexible conductor, stranded conductors with ferrule
Cross section solid	1-wire: 0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Connecting capacity flexible	1-wire: 0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Cross section flexible with ferrule	0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
	<b>General data</b>

Subject to technical changes

Technical Data	DHi 7
Duty cycle	continuous operation (Duty cycle ≤ 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*