



DATA SHEET

auxiliary switches

DHi 11

can be used as auxiliary switches/error signal switches

Article number 09200040



Function

Auxiliary switches report the status of the main devices to which they are fitted. The devices of the DHi 11 series are auxiliary switches or error signal switches for residual current circuit-breakers in the DFS and DHS series, whereby the DHi 11 is suitable for RCCB with blue toggle. They make it possible to indicate the operating status of a residual current circuit-breaker by using additional output devices (e.g. buzzers or indicator lights) or a control system. The function is set via a control element on the DHi. They signal the switch-on and switch-off of the RCCB in "auxiliary switch" operating mode; only tripping is signalled in "error signal switch" operating mode.

Features

auxiliary switch or fault signalling switch function, retro-fittable to DFS and DHS with black lever (DHi 2) or with blue lever (DHi 11), compact design

Mounting

mounting by clamping to the left 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.

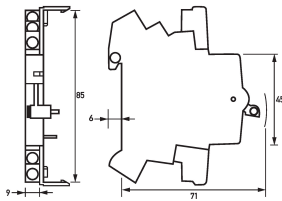
Technical Data

Technical Data	DHi 11
Series	DHi 11
suitable for model range	DFS 2, DFS 4, DHS 2, DHS 4
Mounting side	left
Number of (n.o, n.c., change-over)	0 1 1
Display (switch position)	
Number	1
Type	operating lever (blue)
load circuit	
Specification	switching contact
Rated voltage (AC)	230 V
Rated voltage (DC)	110 V
Rated current (AC)	max. 6 A
Rated current (DC)	max. 1 A
Current heat loss per current path	0.54 W
Short-circuit backup-fuse SCPD	6 A
Back-up fuse type	gL
screw-type terminal top and bottom (load circuit)	
Allowed types of wires	solid conductor, flexible conductor, stranded conductors with ferrule

Subject to technical changes

Technical Data	DHi 11
Connection C1 Maximum number of conductors per terminal	2
Cross section solid	1-wire: 1 mm² ... 1.5 mm²
Tightening torque	max. 0.8 Nm
General data	
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	9 mm
Height	85 mm
Depth	75 mm
Installation depth	68 mm
Module widths	0.5
Weight	0.049 kg
Design requirements/Standards	DIN EN 62019

Dimensions



Dimensional drawing Group view

Wiring example



Wiring diagram