



DATA SHEET

auxiliary switches

DHi 11

can be used as auxiliary switches/error signal switches
 Article number 09200040



[Internetlink](#)

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

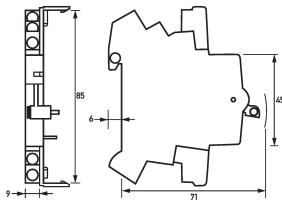
The auxiliary switch does not affect the function of the basic device.

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
suitable for	DFS 2/4 und DHS 2/4
Type	Display switch position operating lever (blue)
Specification	load circuit switching contact
Rated voltage (AC)	230 V
Rated voltage (DC)	110 V
Rated current (AC)	*UNDEFINED TEXT*
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
Allowed types of wires	screw-type terminal top and bottom (load circuit) solid conductor, flexible conductor, multiple wire conductor

Technical Data	DHi 11
Connection C1 Maximum number of conductors per terminal	2
Cross section solid	1-wire: 1 mm ² ... 1.5 mm ²
Tightening torque	max. 0.8 Nm
	General data
Duty cycle	continuous operation (Duty cycle ≤ 100 %, at U _e)
Operating position	optional
Housing type	distribution board housing
Mounting 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
Width (modules)	0.5
Design requirements/Standards	DIN EN 62019

Dimensions



Wiring example



Wiring diagram

Dimensional drawing Group view

STEP file