



DATA SHEET

Article number : 09200031

auxiliary switches

DHi 12

can be used as auxiliary switches/error signal switches



Function

Auxiliary switches report the status of the main devices to which they are fitted. The DHi 12 auxiliary switch can be retro-fitted on a residual current operated circuit-breaker with integral overcurrent protection from series DRCBO 3 as well as on the arc-fault detection device DAFDD 1. The DHi 12 makes it possible to indicate the operating conditions of a residual current circuit-breaker by using additional output devices, e.g. buzzers or indicator lights. The function is set via a control element on the DHi. It signals 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, compact design

Mounting

snaps on the main device 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

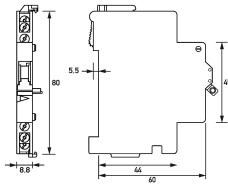
The auxiliary switch does not affect the function of the basic device.

Technical data

Series	DHi 12
suitable for model range	DRCBO 3, DAFDD 1
Mounting side	left
Number of (n.o, n.c., change-over)	0 0 2
	Display (switch position)
Number	1
Type	operating lever (black)
	load circuit
Specification	switching contact
Rated voltage (AC)	250 V (min. 5 V)
Rated voltage (DC)	110 V (min. 5 V)
Rated current (AC)	max. 4 A
Rated current (DC)	max. 4 A
Rated short-circuit current	1 kA
Rated insulation voltage	250 V
Short-circuit backup-fuse SCPD	6 A
Back-up fuse type	gL
Rated voltage AC-15 (fix)	250 V
max. Rated current AC-13 250 V	3 A
max. Rated current AC-15 250 V	2 A
max. Rated current DC-12 110 V	0.5 A
Rated voltage AC-15 (fix)	250 V
	lift terminal, captive top and bottom (load circuit)
Allowed types of wires	solid conductor, flexible conductor, stranded conductors with ferrule
Connection C1 Maximum number of conductors per terminal	2
Cross section solid	1-wire: 0.5 mm ² ... 2.5 mm ²
Tightening torque	0.8 Nm ... 1 Nm
	General data

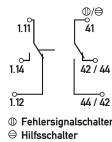
Duty cycle	continuous operation (Duty cycle ≤ 100 %, at Ue)
Operating position	optional
Storage temperature	-40 °C ... 70 °C
Housing type	distribution board housing
Installation type	Mounting rail (35 mm), Device extension
Protection class	IP20 (installed: IP40)
Width	8.8 mm
Height	80 mm
Depth	70 mm
Installation depth	64 mm
Module widths	0.5
Weight	0.044 kg
Design requirements/Standards	EN 62019

Dimensions



Dimensioned drawing auxiliary switches DHi 12

Wiring example



Wiring example auxiliary switches DHi 12