



BDH840

Earth leakage add-on-block with double output 4P 40A 30mA A high immunity class

Technical properties

Architecture

Neutral position	left
Number of poles	4 P
Type of pole	4 P

Configuration

Number of modules	3
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Main electrical features

Rated operational voltage Ue	230 / 400 V
Frequency	50 Hz

Voltage

Rated insulation voltage	500 V
Rated impulse withstand voltage	4000 V

Electric current

Rated residual operating current	30 mA
Rated current	40 A

Electric current / temperature

Rating current 40°C	40 A
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Dimensions

Depth of installed product	70 mm
Height of installed product	102 mm
Width of installed product	52.5 mm

Frequency

Frequency	50 Hz
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Power

Total power loss under IN	3.6 W
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Tripping

Protected against nuisance tripping	Yes
Short-time delayed tripping	Yes

Endurance

Electric endurance in number of cycles	1000
Number of mechanical operations	6000

Installation, mounting

Tightening torque	top : 2,5Nm ; bottom : 2,6Nm
Type of top rail clip for modular devices	Plastic
Type of bottom rail clip for modular devices	NA
Top removability for modular devices	Yes
Bottom removability for modular devices	Yes

Connection

Connection cross-sect. flexible conductor	16mm ²
Connection cross-sect. rigid cable	25mm ²

Settings

Rated fault current adjustable	No
Delay adjustable	No
Time delay of residual current	0 s

Standards

Standard text	EN 61009-2-1 ; EN 62423
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Safety

Residual current type	A HI
REACH conform	No
RoHS conform	Yes
Halogen free	No

Use conditions

Operating temperature	-25...40 °C
Degree of pollution according to IEC 60664 / IEC 60947-2	2
Altitude	2000 m
Air humidity protection	Execution I