



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 <sup>2</sup>
Connection cross-sect. rigid cable	25mm <sup>2</sup>

**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