



BDH380E

### Add-on-block 3P 125A 30mA HI

Product Datasheet

#### Architecture

Neutral position	Left or right
Number of poles	3 P

#### Connectivity

Bottom connection alignment for modular devices	Aligned terminal
Top connection alignment for modular devices	Not applicable

#### Main electrical features

Frequency	50 Hz
Rated operational voltage Ue	230/400 V

#### Voltage

Rated insulation voltage	500 V
Rated impulse withstand voltage	6000 V

#### Electric current

Rated residual operating current	30 mA
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#### Electric current / temperature

Rating current 20°C	125 A
Rating current 30°C	125 A
Rating current 40°C	118,9 A
Rating current 50°C	112,4 A
Rating current 60°C	105,6 A
Rating current 70°C	99,4 A

#### Power

Total power loss under IN	11,25 W
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#### Tripping

Protected against nuisance tripping	yes
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#### Endurance

Electric endurance in number of cycles	1000
Number of mechanical operations	7000

#### Dimensions

Depth of installed product	69 mm
Height of installed product	103 mm
Width of installed product	187 mm

**Installation, mounting**

Tightening torque	3,5Nm
Type of bottom rail clip for modular devices	metallic
Type of top rail clip for modular devices	NA
Type of Bottom Connection for modular devices	with screw
Bottom removability for modular devices	yes
Top removability for modular devices	no

**Connection**

Connection cross-sect. rigid cable	10 / 70 mm <sup>2</sup>
Connection cross-sect. flexible conductor	10 - 50 mm <sup>2</sup>

**Settings**

Rated fault current adjustable	no
Delay adjustable	no

**Standards**

European directive WEEE	concerned
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**Safety**

Protection index IP	IP20
Residual current type	HI

**Use conditions**

Degree of pollution according to IEC 60664 / IEC 60947-2	3
Altitude	2000 m
Storage temperature	-25 to 70 °C
Air humidity protection	for all climates