



BTH380E

Add-on-block 3P 125A Adjustable 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 U _e	230/400 V

Voltage

Rated insulation voltage	500 V
Rated impulse withstand voltage	6000 V

Electric current

Rated residual operating current	300/500 mA/1 A
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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 I _N	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 ²
Connection cross-sect. flexible conductor	10 - 50 mm ²

Settings

Rated fault current adjustable	yes
Delay adjustable	yes
Time delay of residual current	0/60/150 ms

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