



BDC480E

**Earth leakage add-on-block 4P 125A 30mA type AC**

**Technical properties**

**Architecture**

Neutral position	Left or right
Number of poles	4 P

**Configuration**

Number of modules	6
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**Connectivity**

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

**Main electrical features**

Rated operational voltage Ue	240 / 415 V
Frequency	50 Hz

**Voltage**

Rated insulation voltage	500 V
Rated impulse withstand voltage	6000 V

**Electric current**

Rated residual operating current	30 mA
Rated current	125 A

**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

**Dimensions**

Depth of installed product	69 mm
Height of installed product	103 mm
Width of installed product	213 mm

**Power**

Total power loss under I <sub>N</sub>	15 W
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**Tripping**

Protected against nuisance tripping	No
Short-time delayed tripping	No

### Endurance

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

### Installation, mounting

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

### Connection

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

### Settings

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

### Standards

Standard text	IEC 61009-1 ; EN 61009-1
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### Safety

Residual current type	AC
REACH conform	No
Halogen free	No

### Use conditions

Degree of pollution according to IEC 60664 / IEC 60947-2	3
Altitude	2000 m
Air humidity protection	for all climates