



BD441N

Earth leakage add-on block 4P 40A 30mA AC Class

Technical properties

Architecture

Neutral position	right
Number of poles	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	9.2 cm
Height of installed product	7 cm
Width of installed product	4.4 cm

Frequency

Frequency	50 Hz
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Power

Total power loss under IN	35.5 W
Power loss per pole at In	10.7 W

Tripping

Protected against nuisance tripping	No
Short-time delayed tripping	No

Endurance

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

Installation, mounting

Tightening torque	2,9Nm
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	No

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

European directive WEEE	concerned
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Safety

Protection index IP	IP20
Residual current type	AC

Use conditions

Operating temperature	-25...70 °C
Altitude	2000 m
Air humidity protection	for all climates