



BD240

Earth leakage add-on block 2P 40A 30mA A high immunity Class

Technical properties

Architecture

Neutral position	left
Number of poles	2 P

Configuration

Number of modules	2
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Main electrical features

Rated operational voltage Ue	230 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	3.5 cm

Frequency

Frequency	50 Hz
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Power

Total power loss under IN	1.8 W
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Tripping

Protected against nuisance tripping	Yes
Short-time delayed tripping	Yes

Endurance

Electric endurance in number of cycles	2000
Number of mechanical operations	2000

Installation, mounting

Tightening torque	2,8Nm
Type of top rail clip for modular devices	NA
Type of bottom rail clip for modular devices	NA
Top removability for modular devices	No
Bottom removability for modular devices	Yes
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	
Standard text	EN 61009-2-1 ; EN 62423
European directive WEEE	concerned
Safety	
Residual current type	A HI
REACH conform	No
RoHS conform	Yes
Halogen free	No
Use conditions	
Operating temperature	-5...40 °C
Degree of pollution according to IEC 60664 / IEC 60947-2	2
Altitude	2000 m
Air humidity protection	Execution I