



CDB463F



RCCB 4P 63A 30mA B Class

Technical properties

Architecture

Neutral position	left
Number of poles	4 P

Configuration

Number of modules	4
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Controls and indicators

Ground fault signalisation	yes
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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	63 A
Withstand not tripping on 8-20 μ s wave	3 kA
Breaking and opening capacity	0.63 kA
Rated conditional short-circuit current I _{nc} according to EN 61008-1	10 kA

Electric current / temperature

Rating current 30°C	63 A
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Dimensions

Depth of installed product	70 mm
Height of installed product	85 mm
Construction size (DIN 43880)	1

Frequency

Frequency	50 Hz
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Power

Total power loss under I _N	9.3 W
Power loss per pole at I _N	3.1 W

Tripping

Protected against nuisance tripping	Yes
Short-time delayed tripping	No
Endurance	
Electric endurance in number of cycles	2000
Number of mechanical operations	10000
Installation, mounting	
Type of top connection for modular devices	with screw
Tightening torque	3
Type of Bottom Connection for modular devices	Blconnect
Top removability for modular devices	No
Bottom removability for modular devices	Yes
Connection	
Connection cross-section at output with screw, for massive conductor	1.5 / 50 mm ²
Connection cross-sect. flexible conductor	1,5 / 50mm ²
Connection cross-sect. rigid cable	1,5 / 50mm ²
Connection cross-section for rigid conductor, upstream terminals with screws	1.5 / 50 mm ²
Connection cross-section of the access with screws, with flexible conductor	1.5 / 16 mm ²
Connection cross-section of input and output with screws, for massive conductors	1.5 / 50 mm ²
Connection cross section of access and exit with screws, for flexible conductor	1.5 / 16 mm ²
Type of connection	with screw
Equipment	
With transparent product label holder	Yes
Safety	
Residual current type	B
Use conditions	
Operating temperature	-25...40 °C
Degree of pollution according to IEC 60664 / IEC 60947-2	2
Altitude	2000 m
Storage/transport temperature	-25...40 °C