



CD463S

RCCB 4P 63A 30mA AC Class 60Hz

Technical characteristics

Architecture

Neutral position	right
Number of poles	4 P
Fixing mode	Din-Rail

Configuration

Number of modules	4
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Main electrical features

Rated operational voltage Ue	230 / 400 V
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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 µs wave	0.25 kA
Breaking and opening capacity	1.5 kA
Rated conditional short-circuit current Inc according to EN 61008-1	6 kA

Electric current / temperature

Rating current -25°C	63 A
Rating current -20°C	63 A
Rating current -15°C	63 A
Rating current -10°C	63 A
Rating current -5°C	63 A
Rating current 0°C	63 A
Rating current 5°C	63 A
Rating current 10°C	63 A
Rating current 15°C	63 A
Rating current 20°C	63 A
Rating current 25°C	63 A
Rating current 30°C	63 A
Rating current 35°C	63 A
Rating current 40°C	63 A
Rating current 45°C	60 A
Rating current 50°C	58 A

Rating current 55°C	55 A
Rating current 60°C	51 A
Rating current 65°C	48 A
Rating current 70°C	45 A
Dimensions	
Depth of installed product	70 mm
Height of installed product	83 mm
Width of installed product	70 mm
Construction size (DIN 43880)	1
Frequency	
Frequency	60 Hz
Power	
Total power loss under IN	18.5 W
Power loss per pole at In	7.9 W
Tripping	
Protected against nuisance tripping	No
Short-time delayed tripping	No
Endurance	
Electric endurance in number of cycles	2000
Number of mechanical operations	4000
Installation, mounting	
Type of top connection for modular devices	with screw
Tightening torque	2,8Nm
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	Blconnect
Top removability for modular devices	No
Bottom removability for modular devices	No
Connection	
Connection cross-section at output with screw, for massive conductor	1 / 25 mm ²
Connection cross-sect. flexible conductor	16mm ²
Connection cross-section for rigid conductor, upstream terminals with screws	1 / 25 mm ²
Connection cross-section of the access with screws, with flexible conductor	1 / 16 mm ²
Connection cross section of access and exit with screws, for flexible conductor	1 / 16 mm ²
Standards	
European directive WEEE	not concerned
Safety	
Protection index IP	IP20

Subject to technical modifications

Residual current type	AC
Use conditions	
Operating temperature	-25...40 °C
Altitude	2000 m
Storage/transport temperature	-55...70 °C