



CD480S

RCCB 4P 80A 30mA AC Class 60Hz

Technical characteristics

Architecture

Neutral position	right
Number of poles	4 P
Type of pole	4 P
Fixing mode	DIN rail type O (symmetrical)

Configuration

Number of modules	4
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Main electrical features

Type of supply voltage	AC
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Voltage

Rated impulse withstand voltage	4000 V
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Electric current

Rated residual operating current	30 mA
Rated current	80 A
Withstand not tripping on 8-20 µs wave	0.25 kA
Breaking and opening capacity	1500 A
Rated conditional short-circuit current Inc according to EN 61008-1	6 kA

Electric current / temperature

Rating current -25°C	80 A
Rating current -20°C	80 A
Rating current -15°C	80 A
Rating current -10°C	80 A
Rating current -5°C	80 A
Rating current 0°C	80 A
Rating current 5°C	80 A
Rating current 10°C	80 A
Rating current 15°C	80 A
Rating current 20°C	80 A
Rating current 25°C	80 A
Rating current 30°C	80 A
Rating current 35°C	80 A
Rating current 40°C	80 A
Rating current 45°C	80 A
Rating current 50°C	80 A

Rating current 55°C	80 A
Rating current 60°C	75 A
Rating current 65°C	71 A
Rating current 70°C	59 A
Dimensions	
Depth of installed product	70 mm
Height of installed product	86 mm
Width of installed product	70 mm
Construction size (DIN 43880)	3
Frequency	
Frequency	60 Hz
Power	
Total power loss under IN	19.7 W
Tripping	
Short-time delayed tripping	No
Endurance	
Electric endurance in number of cycles	2000
Number of mechanical operations	4000
Installation, mounting	
Type of bottom rail clip for modular devices	metallic
Top removability for modular devices	No
Bottom removability for modular devices	No
Equipment	
Type selective	No
Can be accessorized	Yes
With transparent product label holder	No
Standards	
European directive WEEE	not concerned
Safety	
Protection index IP	IP20
Residual current type	AC
Use conditions	
Operating temperature	-25...40 °C
Altitude	2000 m
Storage/transport temperature	-55...70 °C