



CD281Z

RCCB 2P 80A 30mA AC Class

Technical properties

Architecture

Neutral position	right
Number of poles	2 P

Configuration

Number of modules	2
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Controls and indicators

Ground fault signalisation	no
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Main electrical features

Frequency	50 Hz
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Electric current

Rated residual operating current	30 mA
Rated current	80 A
Withstand not tripping on 8-20 μ s wave	0.25 kA
Breaking and opening capacity	1500 A
Rated conditional short-circuit current I_{nc} 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	74 A

Rating current 65°C	66 A
Rating current 70°C	56 A
Dimensions	
Depth of installed product	70 mm
Height of installed product	83 mm
Width of installed product	35 mm
Construction size (DIN 43880)	1
Frequency	
Frequency	50 Hz
Power	
Total power loss under IN	9.1 W
Power loss per pole at In	4.5 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 rail clip for modular devices	NA
Type of bottom rail clip for modular devices	metallic
Top removability for modular devices	No
Bottom removability for modular devices	No
Equipment	
Quick connect	no
With transparent product label holder	No
Standards	
Standard text	IEC 61008-1
European directive WEEE	not concerned
Safety	
Residual current type	AC
Use conditions	
Operating temperature	-25...40 °C
Degree of pollution according to IEC 60664 / IEC 60947-2	2
Altitude	2000 m
Storage/transport temperature	-55...70 °C