



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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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	1.5 kA
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

Frequency

Frequency	50 Hz
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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

Standards

European directive WEEE	not concerned
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Safety

Residual current type	AC
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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