



CD281Z

**RCCB 2P 80A 30mA AC Class**

**Technical characteristics**

**Architecture**

Neutral position	right
Number of poles	2 P
Fixing mode	DIN rail type O (symmetrical)

**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 $\mu$ 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
<b>Dimensions</b>	
Depth of installed product	70 mm
Height of installed product	83 mm
Width of installed product	35 mm
Construction size (DIN 43880)	1
<b>Frequency</b>	
Frequency	50 Hz
<b>Power</b>	
Total power loss under IN	9.1 W
Power loss per pole at In	4.5 W
<b>Tripping</b>	
Protected against nuisance tripping	No
Short-time delayed tripping	No
<b>Endurance</b>	
Electric endurance in number of cycles	2000
Number of mechanical operations	4000
<b>Installation, mounting</b>	
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
<b>Connection</b>	
Type of connection	with screw
<b>Equipment</b>	
Quick connect	no
With transparent product label holder	No
<b>Standards</b>	
Standard text	IEC 61008-1
European directive WEEE	not concerned
<b>Safety</b>	
Protection index IP	IP20
Residual current type	AC
<b>Use conditions</b>	
Operating temperature	-25...40 °C
Degree of pollution according to IEC 60664 / IEC 60947-2	2
Altitude	2000 m

