



CF481Z

## RCCB 4P 80A 300mA AC Class

### Technical properties

#### Architecture

Neutral position	right
Number of poles	4 P

#### Configuration

Number of modules	4
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#### Main electrical features

Frequency	50 Hz
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#### Electric current

Rated residual operating current	300 mA
Rated current	80 A
Withstand not tripping on 8-20 $\mu$ 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	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)	1

**Frequency**

Frequency	50 Hz
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**Power**

Total power loss under IN	19.7 W
Power loss per pole at In	7.4 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

**Connection**

Type of connection	with screw
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**Standards**

Standard text	IEC 61008-1
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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