



CD285Z

## RCCB 2P 100A 30mA AC Class

### Technical characteristics

#### Architecture

Neutral position	right
Number of poles	2 P
Fixing mode	Din-Rail

#### 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	100 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	100 A
Rating current -20°C	100 A
Rating current -15°C	100 A
Rating current -10°C	100 A
Rating current -5°C	100 A
Rating current 0°C	100 A
Rating current 5°C	100 A
Rating current 10°C	100 A
Rating current 15°C	100 A
Rating current 20°C	100 A
Rating current 25°C	100 A
Rating current 30°C	100 A
Rating current 35°C	100 A
Rating current 40°C	100 A
Rating current 45°C	94 A
Rating current 50°C	88 A
Rating current 55°C	81 A
Rating current 60°C	74 A
Rating current 65°C	66 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	14.3 W
Power loss per pole at In	7.6 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**

European directive WEEE	not concerned
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**Safety**

Protection index IP	IP20
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