



## RCCB 4P 100A 30mA AC

CD485Z

### Architecture

Neutral position	right
Number of poles	4 P
Fixing mode	Din-Rail

### Controls and indicators

Ground fault signalisation	no
With fault indicator	yes

### Main electrical features

Frequency	50 Hz
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### Electric current

Rated residual operating current	30 mA
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 -15°C	100 A
Rating current -20°C	100 A
Rating current 0°C	100 A
Rating current 10°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 -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	99 A
Rating current 5°C	100 A
Rating current -5°C	100 A
Rating current 50°C	94 A
Rating current 55°C	90 A
Rating current 60°C	83 A

Technical Properties

Rating current 65°C	72 A
Rating current 70°C	59 A

**Power**

Power loss per pole at In	11,9 W
Total power loss under IN	30,2 W

**Tripping**

Short-time delayed tripping	no
Protected against nuisance tripping	no

**Endurance**

Electric endurance in number of cycles	2000
Number of mechanical operations	4000

**Dimensions**

Depth of installed product	70 mm
Height of installed product	86 mm
Width of installed product	70 mm
Construction size (DIN 43880)	1

**Installation, mounting**

Type of bottom rail clip for modular devices	metallic
Type of top rail clip for modular devices	NA
Bottom removability for modular devices	no
Top removability for modular devices	no

**Connection**

Type of connection	with screw
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**Equipment**

Quick connect	no
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**Standards**

Standard text	IEC 61008-1
European directive WEEE	not concerned

**Safety**

Protection index IP	IP20
Residual current type	AC

**Use conditions**

Degree of pollution according to IEC 60664 / IEC 60947-2	2
Altitude	2000 m
Storage temperature	-55 to 70 °C