



CPA584U

RCCB 1P+N 100A 300mA A S

Technical characteristics

Architecture

Neutral position	right
Number of poles	2 P
Type of pole	1P+N
Fixing mode	DIN rail type O (symmetrical)

Main electrical features

Rated operational voltage U_e	230 V
Frequency	50 Hz
Rated current	100 A
Type of supply voltage	AC

Voltage

Rated insulation voltage	500 V
Max operating voltage	253 V
Rated impulse withstand voltage	4000 V

Electric current

Rated residual operating current	300 mA
Rated conditional short-circuit current I_{nc} according to EN 61008-1	10 kA

Electric current / temperature

Rating current 30°C	100 A
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Dimensions

Depth of installed product	70 mm
Height of installed product	85 mm
Width of installed product	36 mm

Power

Total power loss under IN	13,89 W
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Tripping

Short-time delayed tripping	Yes
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Endurance

Electric endurance in number of cycles	10000
Number of mechanical operations	20000

Capacity

Number of modules	2
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Equipment

Quick connect	no
Can be accessorized	Yes

Standards

Standard text	EN 61008-1
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European directive WEEE	concerned
Safety	
Protection index IP	IP20
Residual current type	A SEL
Use conditions	
Operating temperature	-25...50 °C