



CF484G

RCCB 4P 100A 300mA A Class

Technical properties

Architecture

Type of pole	4P
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Electric current

Rated current	100 A
Rated residual operating current I_{dn}	300 mA
Breaking and opening capacity I_{dm}	1.50 kA
Rated conditional short-circuit current I_{nc} according to EN61008-1	6 kA
Rated current -25°C	100 A
Rated current at -20°C	100 A
Rated current -15°C	100 A
Rated current -10°C	100 A
Rated current -5°C	100 A
Rated current at 0°C	100 A
Rated current 5°C	100 A
Rated current 10°C	100 A
Rated current 15°C	100 A
Rated current at 20°C	100 A
Rated current 25°C	100 A
Rated current 30°C	100 A
Rated current 35°C	100 A
Rated current at 40°C	100 A

Main electrical attributes

Nominal tightening torque top terminal	3.30 - 3.30 Nm
Nominal tightening torque down terminal	3.30 - 3.30 Nm

Voltage

Rated operational voltage U_e	230 - 400 V
Type voltage supply	AC
Rated insulation voltage U_i	500 V
Rated impulse withstand voltage U_{imp}	4,000 V
Max. operating voltage	440 V

Frequency

Frequency	50 - 50 Hz
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Capacity

Number of modules	4
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Safety	
Residual current type	A
Ingress Protection (IP) class	IP20
Installation, mounting	
Type of top connection for modular devices	Screw terminal
Type of bottom connection for modular devices	Screw terminal
Nominal tightening torque	3.30 - 3.30 Nm
Connection	
Cross-section of input and output with screws, for massive conductors	1 - 50 mm ²
Cross-section of input and output with screws, for flexible conductors	1 - 35 mm ²
Power	
Total power loss under IN	30.20 W
Use conditions	
Max. Altitude	2,000 m
Endurance	
Electric endurance in number of cycles	2,000
Number of mechanical operations	4,000
Connectivity	
Type of connection	Screw terminal
Top connection alignment for modular devices	Aligned terminal
Down connection alignment for modular devices	Aligned terminal
Dimensions	
Height	86 mm
Width	70 mm
Depth	70 mm