



CF284C

RCCB 2P 100A 300mA A Class

Technical properties

Δ	rc	h	iŧ	0	cti	111	re

Number of poles 2 P Fixing mode DIN rail type O (symmetrical) Configuration 2 Number of modules 2 Main electrical features 2 Frequency 50 Hz Electric current 300 mA Rated residual operating current 300 mA Rated current 100 A Withstand not tripping on 8-20 µs wave 0.25 kA Breaking and opening capacity 1.5 kA Rated conditional short-circuit current Inc according to EN 61008-1 6 kA Electric current / temperature 4 Rating current -25°C 100 A Rating current -10°C 100 A Rating current -10°C 100 A Rating current 5°C 100 A Rating current 3°C 100 A Rating current 3°C 100 A <th></th> <th></th>		
Configuration Number of modules 2 Main electrical features Frequency 50 Hz Electric current 300 mA Rated residual operating current 300 mA Rated current 100 A Withstand not tripping on 8-20 μs wave 0.25 kA Breaking and opening capacity 1.5 kA Rated conditional short-circuit current Inc according to EN 61008-1 6 kA Electric current / temperature 300 mA Rating current -25°C 100 A Rating current -15°C 100 A Rating current -10°C 100 A Rating current 5°C 100 A Rating current 5°C 100 A Rating current 10°C 100 A Rating current 5°C 100 A Rating current 5°C 100 A Rating current 3°C 100 A Rating current 4°C 100 A	Neutral position	right
Configuration Number of modules 2 Main electrical features Frequency 50 Hz Electric current 300 mA Rated residual operating current 300 mA Rated current 100 A Withstand not tripping on 8-20 µs wave 0.25 kA Breaking and opening capacity 1.5 kA Rated conditional short-circuit current Inc according to EN 61008-1 6 kA Electric current / temperature 8 Rating current -25°C 100 A Rating current -10°C 100 A Rating current -10°C 100 A Rating current 5°C 100 A Rating current 10°C 100 A Rating current 10°C 100 A Rating current 10°C 100 A Rating current 15°C 100 A Rating current 30°C 100 A Rating current 30°C 100 A Rating current 35°C 100 A Rating current 40°C 100 A Rating current 40°C 100 A Rating current 50°C 40 A Rating	Number of poles	2 P
Main electrical features Frequency 50 Hz Electric current 300 mA Rated residual operating current 300 mA Rated current 100 A Withstand not tripping on 8-20 µs wave 0.25 kA Breaking and opening capacity 1.5 kA Rated conditional short-circuit current Inc according to EN 61008-1 6 kA Electric current / temperature 8 Rating current -25°C 100 A Rating current -15°C 100 A Rating current -10°C 100 A Rating current -10°C 100 A Rating current 5°C 100 A Rating current 10°C 100 A Rating current 5°C 100 A Rating current 3°C 100 A Rating current 4°C 100 A Rating current 5°C 88 A	Fixing mode	DIN rail type O (symmetrical)
Main electrical features Frequency 50 Hz Electric current 300 mA Rated residual operating current 300 mA Rated current 100 A Withstand not tripping on 8-20 µs wave 0.25 kA Breaking and opening capacity 1.5 kA Rated conditional short-circuit current Inc according to EN 61008-1 6 kA Electric current / temperature 4 kA Electric current - 15°C 100 A Rating current - 20°C 100 A Rating current - 10°C 100 A Rating current - 10°C 100 A Rating current 0°C 100 A Rating current 10°C 100 A Rating current 10°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 55°C 88 A Rating current 55°C 81 A Rating current 55°C 81 A Rating current 55°C 81 A </td <td>Configuration</td> <td></td>	Configuration	
Electric current 300 mA Rated residual operating current 300 mA Rated current 100 A Withstand not tripping on 8-20 µs wave 0.25 kA Breaking and opening capacity 1.5 kA Rated conditional short-circuit current Inc according to EN 61008-1 6 kA Electric current / temperature 8 Rating current -25°C 100 A Rating current -20°C 100 A Rating current -15°C 100 A Rating current -0°C 100 A Rating current 0°C 100 A Rating current 5°C 100 A Rating current 15°C 100 A Rating current 5°C 100 A Rating current 5°C 100 A Rating current 10°C 100 A Rating current 20°C 100 A Rating current 30°C 100 A Rating current 30°C 100 A Rating current 40°C 100 A Rating current 50°C 88 A Rating current 50°C 88 A Rating current 50°C 88 A Rating current 50°C 81		2
Electric current 300 mA Rated residual operating current 300 mA Rated current 100 A Withstand not tripping on 8-20 µs wave 0.25 kA Breaking and opening capacity 1.5 kA Rated conditional short-circuit current Inc according to EN 61008-1 6 kA Electric current / temperature 8 Rating current -25°C 100 A Rating current -20°C 100 A Rating current -15°C 100 A Rating current -0°C 100 A Rating current 0°C 100 A Rating current 5°C 100 A Rating current 15°C 100 A Rating current 5°C 100 A Rating current 5°C 100 A Rating current 10°C 100 A Rating current 20°C 100 A Rating current 30°C 100 A Rating current 30°C 100 A Rating current 40°C 100 A Rating current 50°C 88 A Rating current 50°C 88 A Rating current 50°C 88 A Rating current 50°C 81		
Electric current Rated residual operating current Rated current 100 A Withstand not tripping on 8-20 µs wave 0.25 kA Breaking and opening capacity 1.5 kA Rated conditional short-circuit current Inc according to EN 61008-1 Electric current / temperature Rating current -25°C 100 A Rating current -20°C 100 A Rating current -15°C 100 A Rating current -5°C 100 A Rating current 5°C 100 A Rating current 10°C Rating current 5°C 100 A	Main electrical features	
Rated residual operating current 300 mA Rated current 100 A Withstand not tripping on 8-20 µs wave 0.25 kA Breaking and opening capacity 1.5 kA Rated conditional short-circuit current Inc according to EN 61008-1 6 kA Electric current / temperature 8 Rating current -25°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 10°C 100 A Rating current 10°C 100 A Rating current 25°C 100 A Rating current 30°C 100 A Rating current 30°C 100 A Rating current 35°C 100 A Rating current 40°C 100 A Rating current 40°C 100 A Rating current 50°C 88 A Rating current 50°C 88 A Rating current 50°C 81 A Rating current 60°C 74 A	Frequency	50 Hz
Rated current 100 A Withstand not tripping on 8-20 μs wave 0.25 kA Breaking and opening capacity 1.5 kA Rated conditional short-circuit current Inc 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 -5°C 100 A Rating current 0°C 100 A Rating current 5°C 100 A Rating current 10°C 100 A Rating current 25°C 100 A Rating current 35°C 100 A Rating current 35°C 100 A Rating current 35°C 100 A Rating current 40°C 100 A Rating current 40°C 100 A Rating current 45°C 94 A Rating current 50°C 88 A Rating current 50°C 81 A Rating current 50°C 81 A Rating current 50°C 74 A	Electric current	
Withstand not tripping on 8-20 μs wave 0.25 kA Breaking and opening capacity 1.5 kA Rated conditional short-circuit current Inc according to EN 61008-1 6 kA Electric current / temperature Rating current -25°C 100 A Rating current -20°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 20°C 100 A Rating current 20°C 100 A Rating current 30°C 100 A Rating current 30°C 100 A Rating current 30°C 100 A Rating current 40°C 100 A Rating current 40°C 100 A Rating current 50°C 88 A Rating current 50°C 88 A Rating current 50°C 81 A Rating current 60°C 74 A	Rated residual operating current	300 mA
Breaking and opening capacity 1.5 kA Rated conditional short-circuit current Inc according to EN 61008-1 6 kA Electric current / temperature 100 A Rating current -25°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 20°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 40°C 94 A Rating current 50°C 94 A Rating current 50°C 88 A Rating current 55°C 81 A Rating current 60°C 74 A	Rated current	100 A
Rated conditional short-circuit current Inc according to EN 61008-1 6 kA Electric current / temperature 100 A Rating current -25°C 100 A Rating current -10°C 100 A Rating current -10°C 100 A Rating current 0°C 100 A Rating current 5°C 100 A Rating current 10°C 100 A Rating current 10°C 100 A Rating current 20°C 100 A Rating current 20°C 100 A Rating current 30°C 100 A Rating current 30°C 100 A Rating current 40°C 100 A Rating current 50°C 94 A Rating current 50°C 94 A Rating current 50°C 88 A Rating current 60°C 74 A	Withstand not tripping on 8-20 μs wave	0.25 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 30°C 100 A Rating current 30°C 100 A Rating current 40°C 100 A Rating current 40°C 100 A Rating current 55°C 94 A Rating current 50°C 88 A Rating current 60°C 74 A	Breaking and opening capacity	1.5 kA
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 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 55°C 81 A Rating current 60°C 74 A		6 kA
Rating current -20°C 100 A Rating current -15°C 100 A Rating current -10°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	Electric current / temperature	
Rating current -15°C 100 A Rating current -10°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 40°C 100 A Rating current 40°C 100 A Rating current 55°C 88 A Rating current 55°C 81 A Rating current 60°C 74 A	Rating current -25°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 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 -20°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 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 94 A Rating current 50°C 88 A Rating current 55°C 81 A Rating current 60°C 74 A	Rating current -15°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 40°C 100 A Rating current 40°C 100 A Rating current 50°C 94 A Rating current 50°C 88 A Rating current 55°C 81 A Rating current 60°C 74 A	Rating current -10°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 -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 40°C 100 A Rating current 45°C 94 A Rating current 50°C 88 A Rating current 50°C 88 A Rating current 55°C 81 A Rating current 60°C 74 A	Rating current 0°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 40°C 100 A Rating current 45°C 94 A Rating current 50°C 88 A Rating current 50°C 88 A Rating current 50°C 81 A Rating current 60°C 74 A	Rating current 5°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 40°C 94 A Rating current 50°C 88 A Rating current 50°C 88 A Rating current 50°C 81 A Rating current 60°C 74 A	Rating current 10°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 15°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 20°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 25°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 30°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 35°C	100 A
Rating current 50°C 88 A Rating current 55°C 81 A Rating current 60°C 74 A	Rating current 40°C	100 A
Rating current 55°C 81 A Rating current 60°C 74 A	Rating current 45°C	94 A
Rating current 60°C 74 A	Rating current 50°C	88 A
	Rating current 55°C	81 A
Rating current 65°C 66 A	Rating current 60°C	74 A
	Rating current 65°C	66 A

Rating current 70°C	56 A
Dimensions	
Depth of installed product	70 mm
Height of installed product	83 mm
Width of installed product	35 mm
Construction size (DIN 43880)	1
Frequency	
Frequency	50 Hz
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
Standards	
Standard text	EN 61008-1
European directive WEEE	concerned
Safety	
Protection index IP	IP20
Residual current type	А
Use conditions	
Operating temperature	-2540 °C
Altitude	2000 m
Storage/transport temperature	-5570 °C