



CF441J

RCCB 4P 40A 300mA AC Class

Technical properties

Δ	rch	ite	cti	ire	

Neutral position	right
Number of poles	4 P
Functions	
Concurrently switching N-neutral	Yes
Configuration	
Number of modules	4
Main electrical features	
Rated operational voltage Ue	230 / 400 V
Frequency	50 Hz
Voltage	
Rated insulation voltage	500 V
Rated impulse withstand voltage	4000 V
Electric current	
Rated residual operating current	300 mA
Rated current	40 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	40 A
Rating current -20°C	40 A
Rating current -15°C	40 A
Rating current -10°C	40 A
Rating current -5°C	40 A
Rating current 0°C	40 A
Rating current 5°C	40 A
Rating current 10°C	40 A
Rating current 15°C	40 A
Rating current 20°C	40 A
Rating current 25°C	40 A
Rating current 30°C	40 A
Rating current 35°C	40 A

Rating current 50°C 40 A Rating current 70°C 40 A Power acting current 70°C 70 mm Height of installed product 70 mm Width of installed product 70 mm Construction size (DIN 43880) 1 Frequency	Rating current 40°C	40 A
Rating current 55°C 40 A Rating current 60°C 40 A Rating current 60°C 40 A Rating current 60°C 40 A Rating current 70°C 40 A Dimensions Depth of installed product 70 mm Height of installed product 83 mm Width of installed product 70 mm Construction size (DIN 43880) 1 Frequency Frequency 50 Hz Power Total power loss under IN 8.1 W Power loss per pole at In 3.6 W Tripping Protected against nuisance tripping No Short-time delayed tripping No Short-time delayed tripping No Short-time delayed tripping No Installation, mounting Type of top cannection for modular devices with screw 15ghear in group and 11gh for modular devices metallic Type of top rail clip for modular devices metallic Type of Bottom Connection for modular devices metallic Type of Bottom Connection for modular devices No Connection cross-section at output with screw 11gh connection cross-section for middle conductor 11 connection connection connection for modular devices 11 connection cross-section for rigid connection cross-section of the access with screws, for flexible conductor 1, 25 mm² Connection cross-section of access and exit with screws, for flexible conductor 1, 16 mm² Connection cross-section of access and exit with screws, for flexible conductor 1, 16 mm² Connection cross-section of access and exit with screws, for flexible conductor 1, 16 mm² Connection cross-section of access and exit with screws, for flexible conductor 1, 16 mm²	Rating current 45°C	40 A
Rating current 60°C 40 A Rating current 65°C 40 A Rating current 65°C 40 A Rating current 70°C 40 A Rating current 65°C 4	Rating current 50°C	40 A
Rating current 65°C 40 A Rating current 70°C 40 A Dimensions Depth of installed product 70 mm Height of installed product 70 mm Width of installed product 70 mm Construction size (DIN 43880) 1 Frequency Frequency Frequency 50 Hz Power Total power loss under IN 8.1 W Power loss per pole at in 3.6 W Tripping Protected against nuisance tripping No Short-time delayed tripping No Short-time delayed tripping No Short-time delayed tripping No Installation, mounting Type of top connection for modular devices with screw 1 gitten for modular devices metallic Type of Bottom rein clip for modular devices No Bottom rein clip for modular devices No Bottom removability for modular devices No Bottom removability for modular devices No Connection Connection cross-section of the access with screws 1 / 25 mm² Connection cross-section of rigid conductor 1 / 16 mm² Connection cross-section of access and exit with screws, for flexible conductor 1 / 16 mm² Connection cross-section of access and exit with screws, for flexible conductor 1 / 16 mm² Connection cross-section of access and exit with screws, for flexible conductor 1 / 16 mm² Connection cross-section of access and exit with screws, for flexible conductor 1 / 16 mm² Connection cross-section of access and exit with screws, for flexible conductor 1 / 16 mm² Connection cross-section of access and exit with screws, for flexible conductor 1 / 16 mm²	Rating current 55°C	40 A
Rating current 70°C 40 A Dimensions Depth of installed product 70 mm Height of installed product 70 mm Height of installed product 70 mm Height of installed product 70 mm Width of installed product 70 mm Construction size (DIN 43880) 1 Frequency Frequency Frequency 50 Hz Power Total power loss under IN 8.1 W Power loss per pole at In 3.6 W Tripping Protected against nuisance tripping No Short-time delayed tripping No Short-time delayed tripping No Short-time delayed tripping No Installation, mounting 2 Electric endurance in number of cycles 2000 Number of mechanical operations 4000 Installation, mounting 7 Type of top connection for modular devices with screw 12 method 12 met	Rating current 60°C	40 A
Dimensions Depth of installed product 70 mm Height of installed product 70 mm Width of installed product 70 mm Width of installed product 70 mm Construction size (DIN 43880) 1 Frequency 50 Hz Power Total power loss under IN 8.1 W Power loss per pole at In 8.1 W Power loss per pole a	Rating current 65°C	40 A
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Height of installed product 70 mm Width of installed product 70 mm Construction size (DIN 43880) 1 Frequency 50 Hz Power Total power loss under IN 8.1 W Power loss per pole at In 3.6 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 connection for modular devices with screw Tight connection for modular devices metallic Type of Bottom canection for modular devices metallic Type of Bottom connection for modular devices No Bottom removability for modular devices N	Dimensions	
Width of installed product 70 mm Construction size (DIN 43880) 1 Frequency 50 Hz Power Total power loss under IN 8.1 W Power loss per pole at In 3.6 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 connection for modular devices with screw, for fine side light for modular devices No Bottom removability for modular devices No Bottom r	Depth of installed product	70 mm
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Protected against nuisance tripping No Short-time delayed No Short-time delay	Power loss per pole at In	3.6 W
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Electric endurance in number of cycles 2000 Number of mechanical operations 4000 Installation, mounting Type of top connection for modular devices with screw 719he of top rail clip for modular devices NA 729pe of bottom rail clip for modular devices metallic 729pe of Bottom Connection for modular devices Blconnect 73ppe of Bottom Connection for modular devices No 80ttom removability for 80ttom removability	Protected against nuisance tripping	No
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Type of Bottom Connection for modular devices Top removability for modular devices No Bottom removability for modular devices No Connection Connection cross-section at output with screw, for massive conductor Connection cross-sect. flexible conductor Connection cross-sect. rigid cable Connection cross-section for rigid conductor, upstream terminals with screws Connection cross-section of the access with screws, with flexible conductor Connection cross section of access and exit with screws, for flexible conductor Connection cross section of access and exit with screws, for flexible conductor 1/16 mm²	Type of top rail clip for modular devices	NA
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Connection cross-section for rigid conductor, upstream terminals with screws 1 / 25 mm² Connection cross-section of the access with screws, with flexible conductor 1 / 16 mm² Connection cross section of access and exit with screws, for flexible conductor 1 / 16 mm²	Connection cross-sect. flexible conductor	16mm²
conductor, upstream terminals with screws 1 / 25 mm² Connection cross-section of the access with screws, with flexible conductor 1 / 16 mm² Connection cross section of access and exit with screws, for flexible conductor 1 / 16 mm²	Connection cross-sect. rigid cable	25mm²
Connection cross-section of the access with screws, with flexible conductor 1/16 mm² Connection cross section of access and exit with screws, for flexible conductor 1/16 mm²		1 / 25 mm²
Connection cross section of access and exit with screws, for flexible conductor 1 / 16 mm²	Connection cross-section of the access with	<u>·</u>
	Connection cross section of access and exit	
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Standards		
Standard text	IEC 61008-1; EN 61008-1	
Safety		
Residual current type	AC	
REACH conform	No	
RoHS conform	Yes	
Halogen free	No	
Use conditions		
Operating temperature	-2540 °C	
Degree of pollution according to IEC 60664 / IEC 60947-2	2	
Altitude	2000 m	

-55...70 °C

Storage/transport temperature