



CD464J

RCCB 4P 63A 30mA AC Class

Technical properties

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Neutral position	right
Number of poles	4 P
Fixing mode	DIN rail type O (symmetrical)
Functions	
Concurrently switching N-neutral	Yes
concurrency sweeting N-neutral	163
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
Flactuic comment	
Electric current	20 mA
Rated residual operating current	30 mA
Rated current	63 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	63 A
Rating current -20°C	63 A
Rating current -15°C	63 A
Rating current -10°C	63 A
Rating current -5°C	63 A
Rating current 0°C	63 A
Rating current 5°C	63 A
Rating current 10°C	63 A
Rating current 15°C	63 A
Rating current 20°C	63 A
Rating current 25°C	63 A
Rating current 30°C	63 A

Rating current 40°C 63 A Rating current 50°C 58 A Rating current 50°C 55 A Rating current 50°C 45 A Rating current 60°C 45 A Rating current 60°C 45 A Rating current 70°C 45 A Depth of installed product 70 mm Height of installed product 70 mm Construction size (DIN 43880) 1 Frequency Frequency 50 Hz Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency Frequency <td< th=""><th>Rating current 45°C 50 A Rating current 50°C 58 A Rating current 50°C 55 A Rating current 50°C 55 A Rating current 60°C 51 A Rating current 60°C 48 A Rating current 70°C 45 A S A Dimensions Depth of installed product 70 mm Width of installed product 83 mm Width of installed product 70 mm Construction size (DIN 43880) 1 Prequency 50 Hz Prequency 50 Hz Prequency 50 Hz Producted against nuisance tripping No Short-time delayed No Short-time delayed No Short-time delayed No Short</th><th>Rating current 35°C</th><th>63 A</th></td<>	Rating current 45°C 50 A Rating current 50°C 58 A Rating current 50°C 55 A Rating current 50°C 55 A Rating current 60°C 51 A Rating current 60°C 48 A Rating current 70°C 45 A S A Dimensions Depth of installed product 70 mm Width of installed product 83 mm Width of installed product 70 mm Construction size (DIN 43880) 1 Prequency 50 Hz Prequency 50 Hz Prequency 50 Hz Producted against nuisance tripping No Short-time delayed No Short-time delayed No Short-time delayed No Short	Rating current 35°C	63 A
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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 719h top rail clip for modular devices NA 729h of bottom rail clip for modular devices metallic 729h of Bottom Connection for modular devices No 8400 bottom rail clip for modular devices Mounted Revices No 8600 bottom removability for modular devices No 8600 bottom removability for modular devices No 8600 bottom removability for modular devices No 8600 bottom cross-section at output with screw, for massive conductor 1/25 mm² 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	Electric endurance in number of cycles 2000 Number of mechanical operations 4000 Installation, mounting Type of top connection for modular devices with screw 719 top rail clip for modular devices NAType of bottom rail clip for modular devices metallic 729 top 180 top rail clip for modular devices MAType of Bottom Connection for modular devices Mounted 730 top removability for modular devices No 84 Bottom removability for modular devices No 85 Bottom removability for modular devices No 86 Bottom removability for modular devices No 87 Connection Connection cross-section at output with screw, for massive conductor 16 mm² 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 section of access and exit with screws, for flexible conductor 1/16 mm²	Protected against nuisance tripping	No
Electric endurance in number of cycles Number of mechanical operations Installation, mounting Type of top connection for modular devices Tightening torque 2,8Nm Type of top rail clip for modular devices NA Type of bottom rail clip for modular devices metallic Type of Bottom Connection for modular devices Blconnect 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-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	Electric endurance in number of cycles Number of mechanical operations Installation, mounting Type of top connection for modular devices Tightening torque 2,8Nm Type of top rail clip for modular devices NA Type of bottom rail clip for modular devices metallic Type of Bottom Connection for modular devices Blconnect 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-section of the access with screws, with flexible conductor Connection cross-section of the access with screws, with flexible conductor Connection cross section of access and exit with screws, for flexible conductor 1 / 16 mm²	Short-time delayed tripping	No
Electric endurance in number of cycles Number of mechanical operations Installation, mounting Type of top connection for modular devices Tightening torque 2,8Nm Type of top rail clip for modular devices NA Type of bottom rail clip for modular devices metallic Type of Bottom Connection for modular devices Blconnect 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-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	Electric endurance in number of cycles Number of mechanical operations Installation, mounting Type of top connection for modular devices Tightening torque 2,8Nm Type of top rail clip for modular devices NA Type of bottom rail clip for modular devices metallic Type of Bottom Connection for modular devices Blconnect 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-section of the access with screws, with flexible conductor Connection cross-section of the access with screws, with flexible conductor Connection cross section of access and exit with screws, for flexible conductor 1 / 16 mm²	Endurance	
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Tightening torque 2,8Nm Type of top rail clip for modular devices NA Type of bottom rail clip for modular devices metallic Type of Bottom Connection for modular devices Blconnect Top removability for modular devices No Bottom removability for modular devices No Connection Connection Connection cross-section at output with screw, for massive conductor 1/25 mm² Connection cross-sect. flexible conductor 16mm² 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	Tightening torque 2,8Nm Type of top rail clip for modular devices NA Type of bottom rail clip for modular devices metallic Type of Bottom Connection for modular devices Blconnect Top removability for modular devices No Bottom removability for modular devices No Connection Connection Connection cross-section at output with screw, for massive conductor 1/25 mm² Connection cross-sect. flexible conductor 16mm² 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	Installation, mounting	
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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 1 / 25 mm² 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 1 / 16 mm²	Type of Bottom Connection for modular devices Top removability for modular devices No Bottom removability for modular devices No Connection Connection Connection cross-section at output with screw, for massive conductor Connection cross-sect. flexible conductor 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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Bottom removability for modular devices Connection Connection cross-section at output with screw, for massive conductor Connection cross-sect. flexible conductor 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 the access with screws, with flexible conductor Connection cross section of access and exit with screws, for flexible conductor 1 / 16 mm²	Bottom removability for modular devices Connection Connection cross-section at output with screw, for massive conductor Connection cross-sect. flexible conductor 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 1/16 mm²		Blconnect
Connection Connection cross-section at output with screw, for massive conductor Connection cross-sect. flexible conductor 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 1/16 mm²	Connection Connection cross-section at output with screw, for massive conductor Connection cross-sect. flexible conductor 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 1/16 mm²	Top removability for modular devices	No
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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-section of the access with screws, with flexible conductor Connection cross section of access and exit with screws, for flexible conductor 1 / 25 mm² 1 / 25 mm² 1 / 16 mm² 1 / 16 mm²	Connection cross-sect. flexible conductor	16mm²
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-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 access and exit with screws, for flexible conductor 1 / 16 mm ²	Connection cross-section of the access with	1 / 16 mm²
· · · · · · · · · · · · · · · · · · ·		Connection cross section of access and exit	<u>`</u>
1. ma at assume ation	Type of connection with screw	·	•

Standards	
European directive WEEE	concerned
Safety	
Protection index IP	IP20
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

Storage/transport temperature

-55...70 °C