

63 A



## RCCB 2P 63A 300mA AC Class

## **Technical characteristics**

Architecture	
Neutral position	right
Number of poles	2 P
Fixing mode	Din-Rail
Configuration	
Number of modules	2
Controls and indicators	
Ground fault signalisation	no
Main electrical features	
Rated operational voltage Ue	240 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	63 A
Withstand not tripping on 8-20 μs wave	0.25 kA
Breaking and opening capacity	1500 A
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
Pating current 20°C	62.4

Rating current 30°C

Rating current 40°C Rating current 45°C Rating current 50°C Rating current 50°C Rating current 50°C Rating current 50°C Rating current 60°C Rating current 60°C Rating current 60°C Rating current 65°C Rating current 60°C Rating current 70°C Dimensions Depth of installed product Reight of installed product Reig	Rating current 35°C	63 A
Rating current 45°C 63 A Rating current 50°C 63 A Rating current 50°C 63 A Rating current 50°C 56 A Rating current 60°C 56 A Rating current 60°C 49 A Rating current 65°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 83 mm Width of installed product 35 mm Construction size (DIN 43880) 1  Frequency 50 H  Prequency 50 H  Power  Total power loss under IN 8.7 W Power loss per pole at In 4.6 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 Type of bottom rail clip for modular devices Plastic Type of Bottom Connection for modular devices No Bottom removability for modular devices No Connection cross-section of rigid conductor (1/25 mm² Connection cross-section of the access with screws (1/25 mm² Connection cross-section of the access with screws, with flexible conductor (20 mm² Connection cross-section of rigid conductor (3/16 mm² Connection cross-section of the access with screws (1/26 mm² Connection cross-section of access and exit		
Rating current 50°C 63 A Rating current 50°C 63 A Rating current 60°C 56 A Rating current 60°C 49 A Rating current 60°C 49 A Rating current 60°C 49 A Rating current 70°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 35 mm Construction size (DIN 43880) 1  Frequency Frequency Frequency 50 H Power  Total power loss under IN 8.7 W Power loss per pole at In 4.6 W Tripping Protected against nuisance tripping Nc Short-time delayed tripping Nc Endurance Electric endurance in number of cycles 2000 Number of mechanical operations 4000 Installation, mounting Type of top connection for modular devices with screw 71ppe of Bottom connection for modular devices plastic Type of Bottom rail clip for modular devices Nc Bottom removability for modular devices Nc Bottom removability for modular devices Yes Bottom removability for modular devices Nc Bottom removability for modular devices Yes Connection cross-section of ripid conductor, upstream terminals with screws 1/25 mm² Connection cross-section for ripid conductor, upstream terminals with screws 1/25 mm² Connection cross-section of the access with screws 1/16 mm² Connection cross-section of the access with screws 1/16 mm² Connection cross-section of secess and exit		
Rating current 55°C		
Rating current 60°C 49 A Rating current 65°C 49 A Rating current 65°C 40 A Rating current 70°C 70 mm Height of installed product 83 mm Width of installed product 35 mm Consection cross-section of the access with screws Connection cross-section for rigid conductor Connection cross-section of the access with screws Connection cross-section of access and exit		
Rating current 65°C 49.4 A Rating current 70°C 40.4 A Rating current 70°C 70 mm Height of installed product 83 mm Width of installed product 35 mm Construction size (DIN 43880) 1  Frequency 50 Hz  Power 50 Frequency 50 Hz  Power 10sts under IN 8.7 W 70 mm A 4.6 W 70 mm A 5.7 W 70 mm A		
Rating current 70°C 40 A  Dimensions  Depth of installed product 70 mm Height of installed product 33 mm Width of installed product 35 mm Construction size (DIN 43880) 1  Frequency  Frequency  Frequency 50 Hz  Power  Total power loss under IN 8.7 W Power loss per pole at In 4.6 W  Tripping  Protected against nuisance tripping Nc  Endurance  Electric endurance in number of cycles 2000 Number of mechanical operations 4000  Installation, mounting  Type of top connection for modular devices with screw 17 per of Bottom Connection for modular devices plastic Type of Bottom Connection for modular devices Nc Bottom removability		
Dimensions  Depth of installed product 70 mm Height of installed product 33 mm Width of installed product 35 mm Construction size (DIN 43880) 1  Frequency  Frequency  Frequency 50 Hz  Power  Total power loss under IN 8.7 w Power loss per pole at In 4.6 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 17 per of Bottom can call clip for modular devices plastic Type of Bottom Connection for modular devices No Bottom removability for modular devices No Bottom removability for modular devices Yes  Connection  Connection 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 trigid conductor, upstream terminals with screws 1/25 mm² Connection cross-section of access with screws, with screws, com sasive conductor 1/25 mm² Connection cross-section of trigid 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		
Depth of installed product 83 mm Height of installed product 83 mm Width of installed product 35 mm Construction size (DIN 43880) 1  Frequency 50 Hz  Power Total power loss under IN 8.7 W Power loss per pole at In 4.6 W  Tripping Protected against nuisance tripping Nc Short-time delayed tripping Nc  Endurance Electric endurance in number of cycles 2000 Number of mechanical operations 4000 Installation, mounting Type of top connection for modular devices with screw Tightening torque 2.8 Nm Type of Bottom Connection for modular devices plastic Type of Bottom Connection for modular devices Nc Bottom removability for modula	Rating current 70°C	40 A
Height of installed product 33 mm Width of installed product 35 mm Construction size (DIN 43880) 1  Frequency 50 Hz  Power Total power loss under IN 8.7 W Power loss per pole at In 4.6 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 11ghe of Bottom randular devices plastic Type of Bottom rail clip for modular devices plastic Type of Bottom Connection for modular devices No Bottom removability for modular devices No Bott	Dimensions	
Width of installed product 35 mm  Construction size (DIN 43880) 1  Frequency 50 Hz  Power  Total power loss under IN 8.7 W Power loss per pole at In 4.6 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 11ghe of Bottom ramodular devices plastic  Type of Bottom Connection for modular devices No Bottom removability for modular devices No Bottom removability for modular devices No Bottom removability for modular devices No Connection cross-section at output with screw, for massive 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 1/16 mm²  Connection cross-section of the access with screws, with flexible conductor 1/16 mm²  Connection cross-section of access and exit	Depth of installed product	70 mm
Frequency Frequency Frequency Frequency Frequency Frequency Fower Total power loss under IN Fripping Freteted against nuisance tripping Freteted against nuisance tripping Frotected against public against public against public against public again	Height of installed product	83 mm
Frequency 50 Hz  Power  Total power loss under IN 8.7 W Power loss per pole at In 4.6 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 179 per of top rail clip for modular devices plastic 179 per of bottom rail clip for modular devices plastic 179 per of bottom rail clip for modular devices No Bottom removability for modular devices	Width of installed product	35 mm
Power Total power loss under IN 8.7 W Power loss per pole at In 4.6 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 Type of bottom rail clip for modular devices plastic Type of bottom rail clip for modular devices plastic Type of Bottom Connection for modular devices Plastic Top removability for modular devices No Bottom removability for modular devices Yes Connection Connection 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 the access with screws, with flexible conductor 1/16 mm² Connection cross-section of the access with screws, with 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	Construction size (DIN 43880)	1
Power Total power loss under IN 8.7 W Power loss per pole at In 4.6 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 Type of top rail clip for modular devices NA Type of bottom rail clip for modular devices plastic Type of Bottom Connection for modular devices Na Type of Bottom Connection for modular devices Plastic Type of Bottom Connection for modular devices Na Connection Connection 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 the access with screws, with 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	Frequency	
Total power loss under IN 4.6 W Power loss per pole at In 4.6 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 179e of bottom rail clip for modular devices plastic  Type of bottom rail clip for modular devices plastic  Type of Bottom Connection for modular devices No Bottom removability for modular devices No Bottom removability for modular devices Yes  Connection  Connection cross-section at output with screw, for massive conductor 1,25 mm² Connection cross-section for rigid conductor 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	Frequency	50 Hz
Total power loss under IN 4.6 W Power loss per pole at In 4.6 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 179e of bottom rail clip for modular devices plastic  Type of bottom rail clip for modular devices plastic  Type of Bottom Connection for modular devices No Bottom removability for modular devices No Bottom removability for modular devices Yes  Connection  Connection cross-section at output with screw, for massive conductor 1,25 mm² Connection cross-section for rigid conductor 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	Power	
Tripping  Protected against nuisance tripping  No Short-time delayed tripping  No Endurance  Electric endurance in number of cycles  Rumber of mechanical operations  Installation, mounting  Type of top connection for modular devices  With screw Tightening torque  7,8Nm Type of top rail clip for modular devices  No Type of bottom rail clip for modular devices  Ruppe of Bottom Connection for modular devices  Type of Bottom Connection for modular devices  Robottom removability for modular devices  Robottom removability for modular devices  Connection  Connection  Connection cross-section at output with screw, for massive 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	Total power loss under IN	8.7 W
Protected against nuisance tripping  No Short-time delayed tripping  No Endurance  Electric endurance in number of cycles  Number of mechanical operations  Installation, mounting  Type of top connection for modular devices  Tightening torque  Type of top rail clip for modular devices  Na Type of bottom rail clip for modular devices  Type of Bottom Connection for modular devices  No Bottom removability for modular devices  No Bottom removability for modular devices  Connection  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	Power loss per pole at In	4.6 W
Protected against nuisance tripping  No Short-time delayed tripping  No Endurance  Electric endurance in number of cycles  Number of mechanical operations  Installation, mounting  Type of top connection for modular devices  Tightening torque  Type of top rail clip for modular devices  Number of bottom rail clip for modular devices  Type of bottom rail clip for modular devices  Type of Bottom Connection for modular devices  No Bottom 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	Tripping	
Endurance  Electric endurance in number of cycles 2000 Number of mechanical operations 4000  Installation, mounting  Type of top connection for modular devices with screw 2,8Nm Type of top rail clip for modular devices NA Type of bottom rail clip for modular devices plastic Type of Bottom Connection for modular devices Blconnect Top removability for modular devices Na Bottom removability for modular devices Yes  Connection  Connection  Connection cross-section at output with screw, for massive conductor 1/25 mm Connection cross-section for rigid conductor, upstream terminals with screws 1/25 mm Connection cross-section of the access with screws, with flexible conductor 1/16 mm Connection cross-section of access and exit		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  Type of Bottom Connection for modular devices  Blconnect  Top removability for modular devices  Bottom removability for modular devices  Connection  Connection cross-section at output with screw, for massive 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	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  Type of Bottom Connection for modular devices  Blconnect  Top removability for modular devices  Bottom removability for modular devices  Connection  Connection cross-section at output with screw, for massive 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		
Number of mechanical operations  Installation, mounting  Type of top connection for modular devices with screws inghtening torque 2,8Nm  Type of top rail clip for modular devices NA  Type of bottom rail clip for modular devices plastic  Type of Bottom Connection for modular devices plastic  Type of Bottom Connection for modular devices Blconnect  Top removability for modular devices Nc  Bottom removability for modular devices Yes  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		
Installation, mounting  Type of top connection for modular devices with screw Tightening torque 2,8Nm  Type of top rail clip for modular devices NA  Type of bottom rail clip for modular devices plastic  Type of Bottom Connection for modular devices Blconnect  Top removability for modular devices Nc  Bottom removability for modular devices Yes  Connection  Connection cross-section at output with screw, for massive 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 1/16 mm²  Connection cross-section of access and exit	Electric endurance in number of cycles	2000
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  Type of Bottom Connection for modular devices  Top removability for modular devices  Bottom removability for modular devices  Yes  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	Number of mechanical operations	4000
Tightening torque 2,8Nm Type of top rail clip for modular devices NA Type of bottom rail clip for modular devices plastic Type of Bottom Connection for modular devices Blconnect Top removability for modular devices Nc Bottom removability for modular devices Yes  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	Installation, mounting	
Type of top rail clip for modular devices  Type of bottom rail clip for modular devices  Type of Bottom Connection for modular devices  Blconnect  Top removability for modular devices  Bottom removability for modular devices  Yes  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	Type of top connection for modular devices	with screw
Type of bottom rail clip for modular devices plastic  Type of Bottom Connection for modular devices Blconnect  Top removability for modular devices No  Bottom removability for modular devices Yes  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	Tightening torque	2,8Nm
Type of Bottom Connection for modular devices  Top removability for modular devices  Bottom removability for modular devices  Yes  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	Type of top rail clip for modular devices	N.A
devices  Top removability for modular devices  Bottom removability for modular devices  Yes  Connection  Connection cross-section at output with screw, for massive conductor  Connection cross-sect. flexible 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	Type of bottom rail clip for modular devices	plastic
Top removability for modular devices  Bottom removability for modular devices  Yes  Connection  Connection cross-section at output with screw, for massive conductor  Connection cross-sect. flexible 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		
Bottom removability for modular devices  Connection  Connection cross-section at output with screw, for massive conductor  Connection cross-sect. flexible 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		
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	Type of Bottom Connection for modular devices	Blconnect
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	devices Top removability for modular devices	No
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		No
Connection cross-section for rigid conductor, upstream terminals with screws 1 / 25 mm <sup>2</sup> Connection cross-section of the access with screws, with flexible conductor 1 / 16 mm <sup>2</sup> Connection cross section of access and exit	Top removability for modular devices  Bottom removability for modular devices	No
conductor, upstream terminals with screws 1 / 25 mm <sup>2</sup> Connection cross-section of the access with screws, with flexible conductor 1 / 16 mm <sup>2</sup> Connection cross section of access and exit	devices Top removability for modular devices	No Yes
screws, with flexible conductor 1 / 16 mm <sup>2</sup> Connection cross section of access and exit	Top removability for modular devices  Bottom removability for modular devices  Connection  Connection cross-section at output with screw, for massive conductor	1 / 25 mm <sup>2</sup>
Connection cross section of access and exit	devices  Top removability for modular devices  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	1 / 25 mm <sup>2</sup>
	devices  Top removability for modular devices  Bottom removability for modular devices  Connection  Connection cross-section at output with	

With transparent product label holder	Yes
Standards	
Standard text	IEC 61008-1
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
Altitude	2000 m
Storage/transport temperature	-5570 °C