

25 A



## RCCB 2P 25A 300mA AC Class

## **Technical characteristics**

Architecture	
Neutral position	right
Number of poles	2 P
Functions	
Concurrently switching N-neutral	Yes
Configuration	
Number of modules	2
Main electrical features	
Rated operational voltage Ue	230 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	25 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	25 A
Rating current -20°C	25 A
Rating current -15°C	25 A
Rating current -10°C	25 A
Rating current -5°C	25 A
Rating current 0°C	25 A
Rating current 5°C	25 A
Rating current 10°C	25 A
Rating current 15°C	25 A
Rating current 20°C	25 A
Rating current 25°C	25 A
Rating current 30°C	25 A

Rating current 35°C

Rating current 50°C 25 Rating current 60°C 25 Rating current 65°C 25 Rating current 65°C 25 Rating current 65°C 25 Rating current 70°C 21  Dimensions  Depth of installed product 70 mm Height of installed product 83 mm Width of installed product 35 mm Construction size (DIN 43880)  Frequency 50 mm Total power loss under IN 1.3 Mm Power loss per pole at In 0.7 Mm	Rating current 40°C	25 A
Rating current 55°C 25 Rating current 60°C 25 Rating current 60°C 25 Rating current 65°C 25 Rating current 70°C 21  Dimensions  Depth of installed product 70 mm Height of installed product 83 mm Width of installed product 35 mm Construction size (DIN 43880)  Frequency Frequency 50 F Power  Total power loss under IN 1.3 mm Power loss per pole at In 0.7 mm Tripping Protected against nuisance tripping N 1.3 mm Short-time delayed tripping N 1.3 mm Endurance Electric endurance in number of cycles 200 Number of mechanical operations 400  Installation, mounting Type of top connection for modular devices with scree 11 mm Type of bottom rail clip for modular devices metall Cype of bottom rail clip for modular devices N 1.5 mm Bottom removability for modular devices N 1.5 mm Connection cross-section at output with scree 1.6 mm Connection cross-sect, flexible conductor 1.7 mm Connection cross-section of the access with screes 1.7 mm Connection cross-section of rigid conductor 1.7 mm Connection cross-section of cacess and exit	Rating current 45°C	25 A
Rating current 60°C 25 Rating current 65°C 25 Rating current 70°C 21  Dimensions  Depth of installed product 70 m Height of installed product 33 m Width of installed product 35 m Width of installed product No. 1 m Width of installed product No. 1 m Width of installed No. 2 m Widt	Rating current 50°C	25 A
Rating current 65°C 25 Rating current 70°C 21  Dimensions  Depth of installed product 70 m modular devices metall clip for modular devices Blotomerowability for modular devices Southern of modular devices Normaction cross-section at output with screw, of messive conductor 1,25 mm Connection cross-section for rigid conductor, upstream terminals with screws Connection cross-section of access and exit Connection cross-section	Rating current 55°C	25 A
Rating current 70°C 21  Dimensions  Depth of installed product 70 m Height of installed product 33 m Width of installed product 35 m Construction size (DIN 43880)  Frequency  Frequency  Frequency 50 h  Power  Total power loss under IN 1.3 1.3 1.7 1.7 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	Rating current 60°C	25 A
Dimensions  Depth of installed product 83 mm Width of installed product 35 mm Width of installed product 35 mm Width of installed product 35 mm Construction size (DIN 43880)  Frequency Frequency Frequency 50 H Power  Total power loss under IN 1.3 mm Power loss per pole at In 0.7 mm Tripping Protected against nuisance tripping N Short-time delayed tripping N Endurance Electric endurance in number of cycles 200 Number of mechanical operations 400 Installation, mounting Type of top connection for modular devices with scree 51ghtening torque 2.8Nm Type of Bottom Connection for modular devices metall Type of Bottom rail clip for modular devices metall Type of Bottom rail clip for modular devices MB Bottom removability for modular devices N Bottom removability for modular devices 1/25 mm Connection cross-section at output with scree, 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 1/25 mm Connection cross-section of the access with screws 1/25 mm Connection cross-section of the access with screws 1/25 mm Connection cross-section of the access with screws 1/25 mm Connection cross-section of the access with screws 1/25 mm Connection cross-section of access and exit	Rating current 65°C	25 A
Depth of installed product Height of installed product 83 mm Width of installed product Construction size (DIN 43880)  Frequency Frequency Frequency  Fower Total power loss under IN Tripping Protected against nuisance tripping Notestallation, mounting  Endurance Electric endurance in number of cycles Rough of the product of the produc	Rating current 70°C	21 A
Height of installed product 35 mi Width of installed product 35 mi Width of installed product 35 mi Construction size (DIN 43880)  Frequency  F	Dimensions	
Width of installed product  Construction size (DIN 43880)  Frequency  Frequency  Frequency  Fower  Total power loss under IN  Power loss per pole at In  O, 7 V  Tripping  Protected against nuisance tripping  Note that the delayed tripping  Findurance  Electric endurance in number of cycles  Electric endurance in number of cycles  Number of mechanical operations  Installation, mounting  Type of top connection for modular devices  With scree  Tightening torque  Type of top rail clip for modular devices  Number of Bottom Connection for modular devices  Type of Bottom connection for modular devices  Type of Bottom connection for modular devices  Top removability for modular devices  Note that the screen of the	Depth of installed product	70 mm
Frequency Freque	Height of installed product	83 mm
Frequency 50 F  Power  Total power loss under IN 1.3 I  Power loss per pole at In 0.7 I  Tripping  Protected against nuisance tripping N  Short-time delayed tripping N  Endurance  Electric endurance in number of cycles 200  Number of mechanical operations 400  Installation, mounting  Type of top connection for modular devices with scree 11ghtening torque 2,8Ni  Type of top rail clip for modular devices metall Type of bottom rail clip for modular devices metall Type of Bottom Connection for modular devices M  Endurance III for modular devices M  Type of Bottom Connection for modular devices M  Electric endurance III for modular devices M  Type of top rail clip for modular devices M  Type of top rail clip for modular devices M  Type of Bottom rail clip for modular devices M  Type of Bottom rail clip for modular devices M  Electric III for modular devices M  Connection cross-section at output with screw, for massive conductor 1/25 mm  Connection cross-sect. flexible conductor 16mm  Connection cross-section for rigid conductor, upstream terminals with screws 1/25 mm  Connection cross-section of the access with screws, with flexible conductor 1/25 mm  Connection cross-section of the access with screws, with flexible conductor 1/16 mm  Connection cross-section of the access with screws, with flexible conductor 1/16 mm	Width of installed product	35 mm
Power Total power loss under IN Tripping Protected against nuisance tripping Protected against nuisance tripping Protected against nuisance tripping N Short-time delayed tripping N Endurance Electric endurance in number of cycles Rumber of mechanical operations Royal to the connection for modular devices Royal to the rail clip for modular devices Royal Bottom rail clip for modular devices Royal Bottom rail clip for modular devices Royal Bottom Connection for modular devices Royal Bottom rail clip for modular devices Royal Bottom removability for modular devices Royal Bottom removability for modular devices Royal Bottom removability for modular devices Royal R	Construction size (DIN 43880)	1
Power Total power loss under IN Tripping Protected against nuisance tripping Short-time delayed tripping N Short-time delayed	Frequency	
Total power loss under IN 1.3 M Power loss per pole at In 0.7 M  Tripping  Protected against nuisance tripping N Short-time delayed tripping N  Endurance  Electric endurance in number of cycles 200 Number of mechanical operations 400  Installation, mounting  Type of top connection for modular devices with scree Tightening torque 2,8Nr Type of top rail clip for modular devices Metall Type of bottom rail clip for modular devices metall Type of Bottom Connection for modular devices M  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 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 the access with screws, with flexible conductor 1/16 mm  Connection cross-section of access and exit	Frequency	50 Hz
Prower loss per pole at In 0.7 No. 17 Tripping  Protected against nuisance tripping No. 18 Short-time delayed No. 18 S	Power	
Tripping  Protected against nuisance tripping  Short-time delayed tripping  Endurance  Electric endurance in number of cycles  Electric endurance in number of cycles  Number of mechanical operations  Installation, mounting  Type of top connection for modular devices  With scree  Tightening torque  2,8Ni  Type of top rail clip for modular devices  Number of Bottom Connection for modular devices  Type of Bottom Connection for modular devices  Top removability for modular devices  Number of mechanical operations  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 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	1.3 W
Protected against nuisance tripping  Short-time delayed tripping  Endurance  Electric endurance in number of cycles  Number of mechanical operations  Installation, mounting  Type of top connection for modular devices  With scree  Tightening torque  2,8Nr  Type of bottom rail clip for modular devices  metall  Type of bottom rail clip for modular devices  metall  Type of Bottom Connection for modular devices  Top removability for modular devices  No  Connection  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	Power loss per pole at in	0.7 W
Endurance  Electric endurance in number of cycles 200  Number of mechanical operations 400  Installation, mounting  Type of top connection for modular devices with scree 719 top rail clip for modular devices 719 top rail clip for modular devices 719 top foot prail clip for modular devices 719 top of bottom rail clip for modular devices 719 top of Bottom Connection for modular devices 719 top removability for modular devices 710 top removabilit	Tripping	
Electric endurance in number of cycles 200 Number of mechanical operations 400  Installation, mounting Type of top connection for modular devices with scree 2,8Nr Type of top rail clip for modular devices Nr Type of top rail clip for modular devices metall Type of bottom rail clip for modular devices metall Type of Bottom Connection for modular devices Blconnect Top removability for modular devices Nr Bottom removability for modular devices Nr Connection Connection cross-section at output with screw, for massive conductor 1/25 mm Connection cross-sect. rigid cable 25mn 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 the access with screws, with flexible conductor 1/16 mm Connection cross-section of access and exit	Protected against nuisance tripping	No
Number of mechanical operations  Installation, mounting  Type of top connection for modular devices with scree Tightening torque 2,8Nr Type of top rail clip for modular devices N Type of bottom rail clip for modular devices metall Type of Bottom Connection for modular devices metall Type of Bottom Connection for modular devices N Bottom removability for modular devices N  Connection  Connection  Connection cross-section at output with screw, for massive conductor 1/25 mm  Connection cross-sect. flexible conductor 1/25 mm  Connection cross-sect. rigid cable 25mm  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		
Installation, mounting  Type of top connection for modular devices with scree Tightening torque 2,8Nr  Type of top rail clip for modular devices Not Type of bottom rail clip for modular devices metallication of the screen scre	Electric endurance in number of cycles	2000
Type of top connection for modular devices  Tightening torque  2,8Nr  Type of top rail clip for modular devices  N  Type of bottom rail clip for modular devices  Type of Bottom Connection for modular devices  Top removability for modular devices  Blconnect  Top removability for modular devices  N  Connection  Connection  Connection cross-section at output with screw, for massive conductor  Connection cross-sect. rigid cable  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	Number of mechanical operations	4000
Tightening torque 2,8Nr Type of top rail clip for modular devices N Type of bottom rail clip for modular devices metall Type of Bottom Connection for modular devices Blconnec Top removability for modular devices N Bottom removability for modular devices N  Connection  Connection cross-section at output with screw, for massive conductor 1/25 mm  Connection cross-sect. flexible conductor 16mm  Connection cross-sect. rigid cable 25mm  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	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  Top removability for modular devices  Note that the following states of the following	Type of top connection for modular devices	with screw
Type of Bottom Connection for modular devices  Type of Bottom Connection for modular devices  Blconnection Top removability for modular devices  Bottom removability for modular devices  Note that the screw, for massive conductor  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 the access with screws, with flexible conductor  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  Note that the following stream terminals with screws and connection cross-section of the access with screws, with flexible conductor and connection cross-section of access and exit  Type of Bottom Connection for modular devices  Note that the following stream terminals with screws and connection cross-section at output with screws and connection cross-section for rigid conductor and connection cross-section of the access with screws, with flexible conductor and connection cross-section of access and exit	Type of top rail clip for modular devices	NA
Top removability for modular devices  Bottom removability for modular devices  Note that the following state of the access with screws, with flexible conductor  Connection cross-section of access and exit  Blconnection  Note that the following state of the access and exit  Note that the following state of the access and exit  Note that the following state of the access and exit  Note that the following state of the screws of the scr	Type of bottom rail clip for modular devices	metallic
Bottom removability for modular devices  Connection  Connection cross-section at output with screw, for massive conductor  Connection cross-sect. flexible conductor  Connection cross-sect. rigid cable  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		Blconnect
Connection  Connection cross-section at output with screw, for massive conductor 1 / 25 mm  Connection cross-sect. flexible conductor 16mm  Connection cross-sect. rigid cable 25mm  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	Top removability for modular devices	No
Connection cross-section at output with screw, for massive conductor 1/25 mm  Connection cross-sect. flexible conductor 16mm  Connection cross-sect. rigid cable 25mm  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	Bottom removability for modular devices	No
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	Connection	
Connection cross-sect. rigid cable 25mm  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	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 mm  Connection cross-section of the access with screws, with flexible conductor 1 / 16 mm  Connection cross section of access and exit	Connection cross-sect. flexible conductor	16mm²
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	Connection cross-sect. rigid cable	25mm²
screws, with flexible conductor 1 / 16 mm Connection cross section of access and exit		1 / 25 mm²
		1 / 16 mm²
		1 / 16 mm²
Standards	Standards	

Standard text	IEC 61008-1 ; EN 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
Degree of pollution according to IEC 60664 / IEC 60947-2	2
Altitude	2000 m
Storage/transport temperature	-5570 °C