



CF225J

RCCB 2P 25A 300mA A Class

Technical properties

Type of pole	1P+N
Electric current	
Rated current	25 A
Rated residual operating current Idn	300 mA
Breaking and opening capacity Idm	1.50 kA
Rated conditional short-circuit current Inc according to EN61008-1	6 kA
Rated current -25°C	25 A
Rated current at -20°C	25 A
Rated current -15°C	25 A
Rated current -10°C	25 A
Rated current -5°C	25 A
Rated current at 0°C	25 A
Rated current 5°C	25 A
Rated current 10°C	25 A
Rated current 15°C	25 A
Rated current at 20°C	25 A
Rated current 25°C	25 A
Rated current 30°C	25 A
Rated current 35°C	25 A
Rated current at 40°C	25 A
Rated current at 45°C	25 A
Rated current at 50°C	25 A
Rated current 55°C	25 A
Rated current 60°C	25 A
Rated current 65°C	25 A
Rated current 70°C	21 A

Installation, mounting

2.80 - 2.80 Nm
2.80 - 2.80 Nm
Screw terminal
biconnect
2.80 - 2.80 Nm

Voltage

Rated insulation voltage Ui 500 Rated inpulse withstand voltage Uimp 4,000 Max. operating voltage 253 Frequency 50 - 50 H Capacity Number of modules Compatibility Suitable for DIN Rail Suitable for DIN Rail Ye Safety Residual current type Ingress Protection (IP) class IP2 Connection 1 - 25 mm Cross-section of input and output with screws, for flexible conductors 1 - 16 mm Cross-section flexible conductor 16 mm Cross-section rigid conductor 25 mm Power Total power loss under IN 1.30 N Use conditions 2,000 r Max. Altitude 2,000 r Electric endurance in number of cycles 2,000 r Connectivity 1.30 N Type of connection 4,000	Rated operational voltage Ue	230 - 230 V
Rated impulse withstand voltage Uimp 4,000 Max. operating voltage 253 Frequency 50 - 50 H Capacity Number of modules Compatibility Suitable for DIN Rall Suitable for DIN Rall Ye Safety Residual current type Ingress Protection (IP) class IP2 Connection 1 - 25 mm Cross-section of input and output with screws, for flexible conductors 1 - 16 mm Cross-section of linput and output with screws, for flexible conductor 16 mm Cross-section rigid conductor 25 mm Power Total power loss under IN 1.30 N Use conditions 2,000 r Max. Altitude 2,000 r Electric endurance in number of cycles 2,000 r Connectivity 1.30 N Type of connection Screw termina	Type voltage supply	AC
Max. operating voltage 253 Frequency 50 - 50 H Capacity Number of modules Compatibility Suitable for DIN Rail Safety Ye Residual current type Ingress Protection (IP) class Ingress Protection (IP) class IP2 Connection Cross-section of input and output with screws, for flexible conductors Cross-section of input and output with screws, for flexible conductors 1 - 25 mm Cross-section rigid conductor 16 mm Cross-section rigid conductor 16 mm Cross-section rigid conductor 16 mm Cross-section rigid conductor 10 mm Cross-section rigid conductor 10 mm Cross-section rigid conductor 10 mm Cross-section rigid conductor 25 mm Power Image: Conditions Max. Altitude 2,000 f Electric endurance in number of cycles 2,000 f Number of mechanical operations 4,00 Connectivity Type of connection Top connection Screw termini	Rated insulation voltage Ui	500 V
Frequency 50 - 50 H Capacity Number of modules Compatibility Suitable for DIN Rail Suitable for DIN Rail Ye Safety Residual current type Ingress Protection (IP) class IP2 Connection IP2 Conserves, for massive conductors 1 - 25 mm Cross-section of input and output with screws, for flexible conductors 1 - 16 mm Cross-section of input and output with screws, for flexible conductors 1 - 16 mm Cross-section flexible conductors 1 - 16 mm Cross-section rigid conductor 16 mm Cross-section rigid conductor 16 mm Cross-section rigid conductor 2 mm Power Image: Support Suppor	Rated impulse withstand voltage Uimp	4,000 V
Frequency 50 - 50 H Capacity Number of modules Compatibility Suitable for DIN Rail Suitable for DIN Rail Ye Safety Residual current type Ingress Protection (IP) class IP2 Connection Cross-section of input and output with screws, for massive conductors 1 - 25 mm Cross-section of input and output with screws, for flexible conductors 1 - 16 mm Cross-section rigid conductor 25 mm Power 2000 r Total power loss under IN 1.30 m Use conditions 2,000 r Max. Altitude 2,000 r Electric endurance in number of cycles 2.00 Number of mechanical operations 4,00 Connectivity Type of connection Screw termina Top connection alignment for modular 5crew termina	Max. operating voltage	253 V
Capacity Number of modules Compatibility Suitable for DIN Rail Suitable for DIN Rail Safety Residual current type Ingress Protection (IP) class Connection Cross-section of input and output with screws, for massive conductors Cross-section of input and output with screws, for fiexible conductors Cross-section of lexible conductor Cross-section flexible conductor Cross-section flexible conductor Cross-section rigid conductor Power Total power loss under IN Use conditions Max. Altitude Electric endurance in number of cycles Electric endurance in number of cycles Quote of mechanical operations 4,00 Connectivity Type of connection Top connection alignment for modular	Frequency	
Number of modules Compatibility Suitable for DIN Rail Suitable for DIN Rail Ye Safety Residual current type Ingress Protection (IP) class Connection Cross-section of input and output with screws, for massive conductors Cross-section of input and output with screws, for flexible conductors Cross-section flexible conductor Cross-section rigid conductor Dewer Total power loss under IN Max. Altitude 2,000 r Endurance Electric endurance in number of cycles 2,000 r Connectivity 4,00 Type of connection Screw termina Top connection alignment for modular 5	Frequency	50 - 50 Hz
Compatibility Suitable for DIN Rail Suitable for DIN Rail Safety Residual current type Ingress Protection (IP) class Connection Cross-section of input and output with screws, for massive conductors Cross-section of input and output with screws, for flexible conductors Cross-section flexible conductor Cross-section rigid conductor Cross-section rigid conductor Consections Power Total power loss under IN Max. Altitude 2,000 r Electric endurance in number of cycles 2,000 r Electric endurance in number of cycles 2,000 r Ype of connection Screw termina Type of connection Screw termina	Capacity	
Suitable for DIN Rail Ye Safety Residual current type Ingress Protection (IP) class IP2 Connection IP2 Consection of input and output with screws, for massive conductors 1 - 25 mm Cross-section of input and output with screws, for flexible conductors 1 - 16 mm Cross-section flexible conductor 16 mm Cross-section rigid conductor 25 mm Power 25 mm Total power loss under IN 1.30 M Use conditions 2,000 m Max. Altitude 2,000 m Electric endurance in number of cycles 2,000 m Number of mechanical operations 4,00 Connectivity 1 Type of connection Screw termina Top connection alignment for modular 1	Number of modules	2
Safety Residual current type Ingress Protection (IP) class Connection Cross-section of input and output with screws, for massive conductors 1 - 25 mm Cross-section of input and output with screws, for flexible conductors 1 - 16 mm Cross-section flexible conductor Consection rigid conductor Cross-section rigid conductor Power Total power loss under IN Max. Altitude 2,000 m Electric endurance in number of cycles 2,000 m Number of mechanical operations 4,000 Connectivity Type of connection Screw termine Top connection alignment for modular	Compatibility	
Residual current type Ingress Protection (IP) class Connection Cross-section of input and output with screws, for massive conductors Cross-section of input and output with screws, for flexible conductors Cross-section flexible conductor Cross-section flexible conductor Cross-section rigid conductor Connectivity Electric endurance in number of cycles Electric endurance in number of cycles Quote of mechanical operations 4,00 Connectivity Type of connection Screw termine Top connection alignment for modular	Suitable for DIN Rail	Yes
Ingress Protection (IP) class IP2 Connection Cross-section of input and output with screws, for massive conductors 1 - 25 mm Cross-section of input and output with screws, for flexible conductors 1 - 16 mm Cross-section flexible conductor 16 mm Cross-section rigid conductor 25 mm Power Total power loss under IN 1.30 V Use conditions Max. Altitude 2,000 m Endurance Electric endurance in number of cycles 2,000 Number of mechanical operations 4,00 Connectivity Type of connection Top connection alignment for modular	Safety	
Connection Cross-section of input and output with screws, for massive conductors 1 - 25 mm Cross-section of input and output with screws, for flexible conductors 1 - 16 mm Cross-section flexible conductor 16 mm Cross-section rigid conductor 25 mm Power 25 mm Total power loss under IN 1.30 M Use conditions 2,000 m Electric endurance in number of cycles 2,000 m Connectivity 4,00 Connection Screw termine Type of connection Screw termine	Residual current type	A
Cross-section of input and output with screws, for massive conductors 1 - 25 mm Cross-section of input and output with screws, for flexible conductors 1 - 16 mm Cross-section flexible conductor 16 mm Cross-section rigid conductor 25 mm Power 25 mm Total power loss under IN 1.30 M Use conditions 2,000 m Endurance 2,000 m Electric endurance in number of cycles 2,000 m Number of mechanical operations 4,00 Connectivity Type of connection Top connection alignment for modular Screw termina	Ingress Protection (IP) class	IP20
screws, for massive conductors 1 - 25 mm Cross-section of input and output with screws, for flexible conductors 1 - 16 mm Cross-section flexible conductor 16 mm Cross-section rigid conductor 25 mm Power 25 mm Total power loss under IN 1.30 N Use conditions 2,000 m Electric endurance in number of cycles 2,000 m Number of mechanical operations 4,00 Connectivity 1 Type of connection Screw termina Top connection alignment for modular 1	Connection	
screws, for flexible conductors 1 - 16 mm Cross-section flexible conductor 16 mm Cross-section rigid conductor 25 mm Power Total power loss under IN 1.30 M Use conditions Max. Altitude 2,000 m Endurance Electric endurance in number of cycles 2,000 Number of mechanical operations 4,000 Connectivity Type of connection Screw termina Top connection alignment for modular		1 - 25 mm²
Cross-section rigid conductor 25 mm Power Total power loss under IN 1.30 M Use conditions 1.30 M Max. Altitude 2,000 m Endurance 2,000 m Electric endurance in number of cycles 2,000 m Number of mechanical operations 4,00 Connectivity Screw terminal Type of connection Screw terminal Top connection alignment for modular Screw terminal		1 - 16 mm²
Power 1.30 V Total power loss under IN 1.30 V Use conditions 2,000 r Max. Altitude 2,000 r Endurance 2,000 Electric endurance in number of cycles 2,000 Number of mechanical operations 4,00 Connectivity Screw termina Top connection alignment for modular 5	Cross-section flexible conductor	16 mm²
Total power loss under IN 1.30 V Use conditions	Cross-section rigid conductor	25 mm ²
Use conditions Max. Altitude 2,000 m Endurance 2 Electric endurance in number of cycles 2,000 Number of mechanical operations 4,00 Connectivity 3 Type of connection Screw terminal Top connection alignment for modular 3	Power	
Max. Altitude 2,000 m Endurance 2,000 Electric endurance in number of cycles 2,000 Number of mechanical operations 4,000 Connectivity 4,000 Type of connection Screw terminal Top connection alignment for modular 5	Total power loss under IN	1.30 W
Endurance Electric endurance in number of cycles 2,00 Number of mechanical operations 4,00 Connectivity Type of connection Type of connection Screw termina Top connection alignment for modular Screw termina	Use conditions	
Electric endurance in number of cycles 2,00 Number of mechanical operations 4,00 Connectivity Type of connection Screw termina Top connection alignment for modular	Max. Altitude	2,000 m
Number of mechanical operations 4,00 Connectivity Type of connection Type of connection Screw termina Top connection alignment for modular Screw termina	Endurance	
Connectivity Type of connection Screw termina Top connection alignment for modular	Electric endurance in number of cycles	2,000
Type of connection Screw termina Top connection alignment for modular	Number of mechanical operations	4,000
Top connection alignment for modular	Connectivity	
	Type of connection	Screw terminal
devices Aligned termina	Top connection alignment for modular devices	Aligned terminal
Down connection alignment for modular	-	Aligned terminal
Dimensions	Dimensions	
Height 83 mr	Height	83 mm
Width 35 mr	Width	35 mm
Depth 70 mr	Depth	70 mm