



CDF540T

RCCB 1P+N 40A 30mA F

Technical characteristics

Architecture

Neutral position	right
Number of poles	2 P
Type of pole	1P+N
Fixing mode	DIN rail type O (symmetrical)

Configuration

Number of modules	2
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Connectivity

Top connection alignment for modular devices	Aligned terminal
Bottom connection alignment for modular devices	Aligned terminal

Main electrical features

Rated operational voltage Ue	230 V - 240 V
Type of supply voltage	AC
Frequency	50 Hz

Voltage

Rated insulation voltage	500 V
Max operating voltage	253 V
Rated impulse withstand voltage	4000 V

Electric current

Rated residual operating current	30 mA
Rated current	40 A
Withstand not tripping on 8-20 μ s wave	5 kA
Breaking and opening capacity	1250 A
Rated conditional short-circuit current Inc according to EN 61008-1	10 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 30°C	40 A
Rating current 35°C	40 A
Rating current 40°C	40 A
Rating current 45°C	40 A
Rating current 50°C	40 A

Rating current 55°C	40 A
Rating current 60°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	85 mm
Width of installed product	36 mm
Construction size (DIN 43880)	1
Frequency	
Frequency	50 Hz
Power	
Total power loss under IN	3,31 W
Tripping	
Short-time delayed tripping	
Electrical specifications	
Operating voltage for test button circuit	195...265 V
Endurance	
Electric endurance in number of cycles	10000
Number of mechanical operations	20000
Installation, mounting	
Type of top connection for modular devices	with screw
Type of top rail clip for modular devices	Plastic
Type of bottom rail clip for modular devices	metallic
Type of Bottom Connection for modular devices	Blconnect + bypass
Top removability for modular devices	
Bottom removability for modular devices	
Connection	
Connection cross-section at output with screw, for flexible conductor	1 / 16 mm ²
Connection cross-section at output with screw, for massive conductor	1 / 25 mm ²
Connection cross-section for rigid conductor, upstream terminals with screws	1 / 25 mm ²
Connection cross-section of the access with screws, with flexible conductor	1 / 16 mm ²
Equipment	
Quick connect	no
Type selective	
Can be accessorized	
With transparent product label holder	
Standards	
Standard text	IEC 61008-1 IEC 62423 AS/NZS 61008-1
European directive WEEE	not concerned
Safety	
Protection index IP	IP20

Subject to technical modifications

Residual current type	F
Use conditions	
Operating temperature	-25...70 °C
Degree of pollution according to IEC 60664 / IEC 60947-2	2
Altitude	2000 m
Storage/transport temperature	-55...70 °C