

10 kA



CDB525E

RCCB 1P+N 25A 30mA B

Technical properties

Architecture	
Neutral position	right
Number of poles	2 P
Type of pole	1P+N
Configuration	
Number of modules	4
Connectivity	

Top connection alignement for modular	
devices	Aligned terminal

Bottom connection alignement for modular Aligned terminal devices

Main electrical features

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

Voltage

Rated insulation voltage	400 V
Max operating voltage	253 V
Rated impulse withstand voltage	4000 V

Electric current

Rated residual operating current	30 mA
Rated current	25 A
Withstand not tripping on 8-20 μs wave	5 kA
Breaking and opening capacity	800 A
Rated conditional short-circuit current Inc	

Electric current / temperature

according to EN 61008-1

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 25°C 25 / Rating current 30°C 25 / Rating current 30°C 25 / Rating current 30°C 25 / Rating current 40°C 25 / Rating current 45°C 25 / Rating current 45°C 25 / Rating current 45°C 25 / Rating current 55°C 25 / Rating current 55°C 25 / Rating current 60°C 25 / Rating current 70°C 2	Rating current 15°C	25 A
Rating current 30°C 25 / Rating current 35°C 25 / Rating current 40°C 25 / Rating current 40°C 25 / Rating current 40°C 25 / Rating current 45°C 25 / Rating current 50°C 25 / Rating current 65°C 25 / Rating current 65°C 25 / Rating current 65°C 25 / Rating current 70°C 2	Rating current 20°C	25 A
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Rating current 50°C 25 / Rating current 50°C 25 / Rating current 60°C 25 / Rating current 70°C 2	Rating current 40°C	25 A
Rating current 55°C 25 A Rating current 60°C 25 A Rating current 60°C 25 A Rating current 60°C 25 A Rating current 70°C 2	Rating current 45°C	25 A
Rating current 60°C 25 / Rating current 65°C 25 / Rating current 70°C 2	Rating current 50°C	25 A
Rating current 65°C 25 / Rating current 70°C 2	Rating current 55°C	25 A
Rating current 70°C 25 / A Dimensions Depth of installed product 70 mm Height of installed product 85 mm Width of installed product 72 mm Construction size (DIN 43880) 1 mm Construction size	Rating current 60°C	25 A
Dimensions Depth of installed product 70 mm Height of installed product 85 mm Width of installed product 72 mm Construction size (DIN 43880) 1 Frequency 50 H Power Total power loss under IN 1.77 W Tripping Short-time delayed tripping No Electrical specifications Deparating voltage for test button circuit 195265 W Number of mechanical operations 20000 Number of mechanical operations 20000 Installation, mounting Type of top connection for modular devices Plastic Type of Bottom Connection for modular devices plastic Type of Bottom Connection for modular devices Plastic Type of Bottom Connection for modular devices Yes Sottom removability for Modular devices Yes S	Rating current 65°C	25 A
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Connection cross-section at output with screw, for massive conductor 1 / 25 mm Connection cross-section for rigid	Connection	
Screw, for massive conductor 1 / 25 mm Connection cross-section for rigid	Connection cross-section at output with screw, for flexible conductor	1 / 16 mm²
	Connection cross-section at output with screw, for massive conductor	1 / 25 mm²
Conductor, upstream terminals with screws 1 / 25 mm	Connection cross-section for rigid	1.425
	conductor, upstream terminals with screws	1 / 25 mm²

В

2

2000 m

-55...70 °C

-25...70 °C

Residual current type

Operating temperature

Storage/transport temperature

Degree of pollution according to IEC 60664 /

Use conditions

IEC 60947-2

Altitude