



RCCB 2P 40A 30mA A

CDA240T

Architecture

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

Main electrical features

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

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
Withstand not tripping on 8-20 μ s 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 -15°C	40 A
Rating current -20°C	40 A
Rating current 0°C	40 A
Rating current 10°C	40 A
Rating current -10°C	40 A
Rating current 15°C	40 A
Rating current 20°C	40 A
Rating current 25°C	40 A
Rating current -25°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	38 A
Rating current 5°C	40 A

Technical Properties

Rating current -5°C	40 A
Rating current 50°C	37 A
Rating current 55°C	34 A
Rating current 60°C	30 A
Rating current 65°C	26 A
Rating current 70°C	21 A

Power

Total power loss under IN	6,24 W
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Tripping

Short-time delayed tripping	no
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Endurance

Electric endurance in number of cycles	2000
Number of mechanical operations	4000

Dimensions

Depth of installed product	70 mm
Height of installed product	83 mm
Width of installed product	35 mm
Construction size (DIN 43880)	1

Installation, mounting

Tightening torque	2,8Nm
Type of bottom rail clip for modular devices	plastic
Type of top rail clip for modular devices	NA

Connection

Connection cross-sect. rigid cable	25mm ²
Connection cross-sect. flexible conductor	16mm ²
Type of connection	with screw

Equipment

Type selective	no
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Standards

Standard text	IEC 61008-1, AS/NZS 61008-1
European directive WEEE	not concerned

Safety

Protection index IP	IP20
Residual current type	A

Use conditions

Degree of pollution according to IEC 60664 / IEC 60947-2	2
Altitude	2000 m
Storage temperature	-55 to 70 °C