



CDA240SC

RCCB auto reclosing 1P+N 40A 30mA A 3M

Technical Features

Architecture

Type of pole	1P+N
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Electric current

Rated current	40 A
Rated residual operating current I_{dn}	30 mA
Breaking and opening capacity I_{dm}	0.63 kA
Rated conditional short-circuit current I_{nc} according to EN61008-1	6 kA
Rated current -25°C	40 A
Rated current at -20°C	40 A
Rated current -15°C	40 A
Rated current -10°C	40 A
Rated current -5°C	40 A
Rated current at 0°C	40 A
Rated current 5°C	40 A
Rated current 10°C	40 A
Rated current 15°C	40 A
Rated current at 20°C	40 A
Rated current 25°C	40 A
Rated current 30°C	40 A
Rated current 35°C	40 A
Rated current at 40°C	40 A

Installation, mounting

Nominal tightening torque top terminal	2 - 2 Nm
Nominal tightening torque down terminal	2 - 2 Nm

Voltage

Rated operational voltage U_e	230 - 230 V
Type voltage supply	AC
Rated insulation voltage U_i	500 V
Rated impulse withstand voltage U_{imp}	4000 V
Max. operating voltage	253 V

Frequency

Frequency	50 - 50 Hz
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Capacity

Number of modules	3
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Compatibility

Suitable for DIN Rail	Yes
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Safety

Residual current type	A
Ingress Protection (IP) class	IP20

Installation, mounting

Nominal tightening torque	2 - 2 Nm
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Connection

Cross-section of input and output with screws, for massive conductors	1.5 - 35.0 mm ²
Cross-section of input and output with screws, for flexible conductors	1.5 - 35.0 mm ²

Power

Total power loss under I_N	5.40 W
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Use conditions

Air humidity protection	95%/55°C
Max. Altitude	2000 m

Endurance

Electric endurance in number of cycles	1000
Number of mechanical operations	4000

Connectivity

Type of connection	Screw terminal
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Dimensions

Height	106 mm
Width	54 mm
Depth	75 mm