



CDA440SP

RCCB auto reclosing 3P+N 40A 30mA A 7M PRO

Technical Features

Architecture

Type of pole	3P+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	3 - 3 Nm
Nominal tightening torque down terminal	3 - 3 Nm

Voltage

Rated operational voltage U_e	400 - 400 V
Type voltage supply	AC
Rated insulation voltage U_i	500 V
Rated impulse withstand voltage U_{imp}	4000 V
Max. operating voltage	440 V

Frequency

Frequency	50 - 50 Hz
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Capacity

Number of modules	7
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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

Type of top connection for modular devices	Screw terminal
Type of bottom connection for modular devices	Screw terminal
Nominal tightening torque	3 - 3 Nm

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	6 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
Dimensions	
Height	106 mm
Width	125 mm
Depth	74 mm