



CDA463SP

### RCCB auto reclosing 3P+N 63A 30mA A 7M PRO

#### Technical Features

##### Architecture

Type of pole	3P+N
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##### Electric current

Rated current	63 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	63 A
Rated current at -20°C	63 A
Rated current -15°C	63 A
Rated current -10°C	63 A
Rated current -5°C	63 A
Rated current at 0°C	63 A
Rated current 5°C	63 A
Rated current 10°C	63 A
Rated current 15°C	63 A
Rated current at 20°C	63 A
Rated current 25°C	63 A
Rated current 30°C	63 A
Rated current 35°C	63 A
Rated current at 40°C	63 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 <sup>2</sup>
Cross-section of input and output with screws, for flexible conductors	1.5 - 35.0 mm <sup>2</sup>

##### Power

Total power loss under $I_N$	12 W
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<b>Use conditions</b>	
Air humidity protection	95%/55°C
Max. Altitude	2000 m
<b>Endurance</b>	
Electric endurance in number of cycles	1000
Number of mechanical operations	4000
<b>Connectivity</b>	
Type of connection	Screw terminal
<b>Dimensions</b>	
Height	106 mm
Width	125 mm
Depth	74 mm