



ADM406T

RCBO 4P 6kA C-6A 30mA A

Technical properties

Electric current

Rated current	6 A
Rated residual operating current I_{dn}	30 mA
Rated current -25°C	7,30 A
Rated current at -20°C	7,20 A
Rated current -15°C	7,10 A
Rated current -10°C	7 A
Rated current -5°C	6,90 A
Rated current at 0°C	6,80 A
Rated current 5°C	6,60 A
Rated current 10°C	6,50 A
Rated current 15°C	6,40 A
Rated current at 20°C	6,30 A
Rated current 25°C	6,10 A
Rated current 30°C	6 A
Rated current 35°C	5,90 A
Rated current at 40°C	5,70 A
Rated current at 45°C	5,60 A
Rated current at 50°C	5,40 A
Rated current 55°C	5,30 A
Rated current 60°C	5,10 A
Rated short-circuit breaking capacity I_{cn} under 230 V AC according to IEC 61009-1	6 kA

Architecture

Curve	C
Neutral position	Right
Type of pole	4P
Number of protected poles	4

Capacity

Number of modules	4
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Safety

Residual current type	A
Ingress Protection (IP) class	IP20

Voltage

Type voltage supply	AC
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Rated operational voltage Ue	230 - 415 V
Rated insulation voltage Ui	500 V
Dielectric strength value of power frequency	2 kV
Rated impulse withstand voltage Uimp	4000 V
Overvoltage category according to IEC 60947-1	3
Installation, mounting	
Nominal tightening torque top terminal	2 - 2 Nm
Nominal tightening torque down terminal	2 - 2 Nm
Nominal tightening torque	2 - 2 Nm
360° mounting position possible	Yes
Type of top connection for modular devices	Screw terminal
Type of bottom connection for modular devices	biconnect, Bypass
Main electrical attributes	
Rated short-circuit breaking capacity Icn AC according to IEC 60898-1	6 kA
Frequency	
Frequency	50 - 50 Hz
Connection	
Cross-section of input with screws, for flexible conductors	1 - 16 mm²
Cross-section of input with screws, for massive conductors	1 - 25 mm²
Use conditions	
Class of energy limitation I²t	3
Operating temperature	-25 - 40 °C
Dimensions	
Height	84 mm
Width	71 mm
Depth	70 mm
Power	
Total power loss under IN	6,80 W