



AFM475C

RCBO 4P 6kA C-25A 300mA A Class

Technical properties

Electric current

Rated current	25 A
Rated residual operating current I _{dn}	300 mA
Rated short-circuit breaking capacity I _{cn} under 400 V AC according to IEC 60898-1	6 kA
Rated current -25°C	31.70 A
Rated current at -20°C	31.20 A
Rated current -15°C	30.60 A
Rated current -10°C	30 A
Rated current -5°C	29.40 A
Rated current at 0°C	28.90 A
Rated current 5°C	28.30 A
Rated current 10°C	27.60 A
Rated current 15°C	27 A
Rated current at 20°C	26.40 A
Rated current 25°C	25.70 A
Rated current 30°C	25 A
Rated current 35°C	24.30 A
Rated current at 40°C	23.60 A
Rated current at 45°C	22.80 A
Rated current at 50°C	22 A
Rated current 55°C	21.20 A
Rated current 60°C	20.40 A

Architecture

Curve	C
Neutral position	Left, 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 - 400 V
Rated insulation voltage Ui	500 V
Dielectric strength value of power frequency	2 kV
Rated impulse withstand voltage Uimp	4,000 V
Overvoltage category according to IEC 60947-1	3
Main electrical attributes	
Rated short-circuit breaking capacity Icn AC according to IEC 60898-1	6 kA
Nominal tightening torque top terminal	2 - 2 Nm
Nominal tightening torque down terminal	2 - 2 Nm
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
Installation, mounting	
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
Use conditions	
Class of energy limitation I²t	3
Operating temperature	-25 - 40 °C
Dimensions	
Height	84 mm
Width	71 mm
Depth	70 mm
Connectivity	
Type of connection	Screw terminal
Power	
Total power loss under IN	12.30 W