



MU110A

MCB 1P 6kA C-10A 1M

Technical properties

Electric current

Rated current	10 A
Rated short-circuit breaking capacity I_{cn} under 230 V AC according to IEC 60898-1	6 kA
Rated current -15°C	12.80 A
Rated current -10°C	12.54 A
Rated current -5°C	12.21 A
Rated current at 0°C	11.91 A
Rated current 5°C	11.61 A
Rated current 10°C	11.31 A
Rated current 15°C	11.01 A
Rated current at 20°C	10.72 A
Rated current 25°C	10.42 A
Rated current 30°C	10 A
Rated current 35°C	9.82 A
Rated current at 40°C	9.52 A
Rated current at 45°C	9.22 A
Rated current at 50°C	9 A
Rated current 55°C	8.63 A
Rated current 60°C	8.33 A
Rated current 65°C	8.03 A
Rated current 70°C	7.73 A

Architecture

Type of pole	1P
Curve	C

Capacity

Number of modules	1
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Main electrical attributes

Rated short-circuit breaking capacity I_{cn} AC according to IEC 60898-1	6 kA
Nominal tightening torque top terminal	2.80 - 2.80 Nm
Nominal tightening torque down terminal	2.80 - 2.80 Nm

Voltage

Rated operational voltage U_e	230 - 400 V
Type voltage supply	AC
Rated insulation voltage U_i	500 V

Rated impulse withstand voltage Uimp

4,000 V

Frequency

Frequency	50 - 60 Hz
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Connection

Cross-section of input and output with screws, for massive conductors	1 - 35 mm ²
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Cross-section of input and output with screws, for flexible conductors	1 - 25 mm ²
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Cross-section of input with screws, for flexible conductors	1 - 25 mm ²
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Cross-section of input with screws, for massive conductors	1 - 35 mm ²
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Installation, mounting

Nominal tightening torque	2.80 - 2.80 Nm
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Type of bottom connection for modular devices	biconnect
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Type of top connection for modular devices	Screw terminal
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360° mounting position possible	Yes
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Safety

Ingress Protection (IP) class	IP20
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Use conditions

Degree of pollution according to IEC 60664 / IEC 60947-2	2
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Class of energy limitation I ² t	3
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Air humidity protection	For all climates
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Operating temperature	-25 - 70 °C
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Power

Total power loss under IN	1.63 W
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Connectivity

Type of connection	Screw terminal
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Top connection alignment for modular devices	Aligned terminal
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Down connection alignment for modular devices	Aligned terminal
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Dimensions

Height	83 mm
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Width	17.50 mm
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Depth	70 mm
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