



MB106A

MCB 1P 6kA B-6A 1M

Technical characteristics

Electric current

Rated current	6 A
Rated short-circuit breaking capacity I_{cn} under 230 V AC according to IEC 60898-1	6 kA

Architecture

Type of pole	1P
Curve	B

Capacity

Number of modules	1
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Installation, mounting

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

Main electrical attributes

Rated short-circuit breaking capacity I_{cn} AC according to IEC 60898-1	6 kA
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Voltage

Rated operational voltage U_e	230 - 400 V
Type voltage supply	AC
Rated insulation voltage U_i	500 V
Rated impulse withstand voltage U_{imp}	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
Cross-section of input and output with screws, for flexible conductors	1 - 25 mm ²
Cross-section of input with screws, for flexible conductors	1 - 25 mm ²
Cross-section of input with screws, for massive conductors	1 - 35 mm ²

Cross-section flexible conductor	1 - 25 mm ²
Cross-section rigid conductor	1 - 35 mm ²
Safety	
Ingress Protection (IP) class	IP20
Use conditions	
Degree of pollution according to IEC 60664 / IEC 60947-2	2
Class of energy limitation I ² t	3
Air humidity protection	For all climates
Operating temperature	-25 - 70 °C
Power	
Total power loss under IN	1.64 W
Connectivity	
Type of connection	Screw terminal
Top connection alignment for modular devices	Aligned terminal
Down connection alignment for modular devices	Aligned terminal
Dimensions	
Height	83 mm
Width	17.50 mm
Depth	70 mm