

MCB 1P 6kA B-25A 1M

Technical Features

Electric current

Rated current	25 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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Main electrical attributes

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

Voltage

Rated operational voltage U _e	230 - 400 V
Rated insulation voltage U _i	500 V
Rated impulse withstand voltage U _{imp}	4000 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

Installation, mounting

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

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

Connectivity

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

Dimensions

Height	83 mm
Width	17.50 mm
Depth	70 mm