



MT220A

### MCB 2P 6kA B-20A 2M

#### Technical Features

##### Electric current

Rated current	20 A
Rated current -15°C	23.20 A
Rated current -10°C	22.80 A
Rated current -5°C	22.50 A
Rated current at 0°C	22.20 A
Rated current 5°C	21.80 A
Rated current 10°C	21.50 A
Rated current 15°C	21.10 A
Rated current at 20°C	20.70 A
Rated current 25°C	20.40 A
Rated current 30°C	20 A
Rated current 35°C	19.60 A
Rated current at 40°C	19.20 A
Rated current at 45°C	18.80 A
Rated current at 50°C	18.40 A
Rated current 55°C	18 A
Rated current 60°C	17.60 A
Rated current 65°C	17.20 A
Rated current 70°C	16.80 A

##### Architecture

Type of pole	2P
Curve	B

##### Capacity

Number of modules	2
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##### Main electrical attributes

Rated short-circuit breaking capacity Icn 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 Ue	400 - 400 V
Rated insulation voltage Ui	500 V
Rated impulse withstand voltage Uimp	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 <sup>2</sup>
Cross-section of input and output with screws, for flexible conductors	1 - 25 mm <sup>2</sup>
Cross-section of input with screws, for flexible conductors	1 - 25 mm <sup>2</sup>
Cross-section of input with screws, for massive conductors	1 - 35 mm <sup>2</sup>
Cross-section flexible conductor	1 - 25 mm <sup>2</sup>
Cross-section rigid conductor	1 - 35 mm <sup>2</sup>

##### 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

##### Safety

Ingress Protection (IP) class	IP20
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# Product Datasheet

## MT220A

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<b>Use conditions</b>	
Degree of pollution according to IEC 60664 / IEC 60947-2	2
Class of energy limitation I <sup>2</sup> t	3
Air humidity protection	For all climates
Operating temperature	-25 - 70 °C
<b>Power</b>	
Total power loss under IN	5.50 W
<b>Connectivity</b>	
Type of connection	Screw terminal
Top connection alignment for modular devices	Aligned terminal
Down connection alignment for modular devices	Aligned terminal
<b>Dimensions</b>	
Height	83 mm
Width	35 mm
Depth	70 mm
<b>Sustainability</b>	
RoHS conform	Yes