



MDN220P

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

#### Technical Features

##### Electric current

Rated current	20 A
Rated current -15°C	24.24 A
Rated current -10°C	23.80 A
Rated current -5°C	23.36 A
Rated current at 0°C	22.91 A
Rated current 5°C	22.45 A
Rated current 10°C	21.98 A
Rated current 15°C	21.51 A
Rated current at 20°C	21.02 A
Rated current 25°C	20.51 A
Rated current 30°C	20 A
Rated current 35°C	19.47 A
Rated current at 40°C	18.93 A
Rated current at 45°C	18.37 A
Rated current at 50°C	17.80 A
Rated current 55°C	17.20 A
Rated current 60°C	16.58 A
Rated current 65°C	15.94 A
Rated current 70°C	15.28 A

##### Architecture

Type of pole	2P
Curve	D

##### Capacity

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

Rated short-circuit breaking capacity I <sub>cn</sub> 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 <sub>e</sub>	415 - 415 V
Type voltage supply	AC
Rated insulation voltage U <sub>i</sub>	500 V
Rated impulse withstand voltage U <sub>imp</sub>	6000 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>

##### 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
Grid distance	60 mm

# Product Datasheet

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<b>Use conditions</b>	
Degree of pollution according to IEC 60664 / IEC 60947-2	2
Operating temperature	-25-70 °C
<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	84.60 mm
Width	35 mm
Depth	70 mm
<b>Sustainability</b>	
RoHS conform	Yes