



MDN225P

**MCB 2P 6kA D-25A 2M**

**Technical Features**

**Electric current**

Rated current	25 A
Rated current -15°C	31.35 A
Rated current -10°C	30.64 A
Rated current -5°C	29.94 A
Rated current at 0°C	29.23 A
Rated current 5°C	28.53 A
Rated current 10°C	27.82 A
Rated current 15°C	27.12 A
Rated current at 20°C	26.41 A
Rated current 25°C	25.71 A
Rated current 30°C	25 A
Rated current 35°C	24.29 A
Rated current at 40°C	23.59 A
Rated current at 45°C	22.88 A
Rated current at 50°C	22.18 A
Rated current 55°C	21.47 A
Rated current 60°C	20.77 A
Rated current 65°C	20.06 A
Rated current 70°C	19.36 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 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	415 - 415 V
Type voltage supply	AC
Rated insulation voltage Ui	500 V
Rated impulse withstand voltage Uimp	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

## MDN225P

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### Use conditions

Degree of pollution according to IEC 60664 / IEC 60947-2	2
Operating temperature	-25 - 70 °C

### Connectivity

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

### Dimensions

Height	84.60 mm
Width	35 mm
Depth	70 mm

### Sustainability

RoHS conform	Yes
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