



MDN306P

### MCB 3P 6kA D-6A 3M

#### Technical Features

##### Electric current

Rated current	6 A
Rated current -15°C	7.35 A
Rated current -10°C	7.21 A
Rated current -5°C	7.07 A
Rated current at 0°C	6.93 A
Rated current 5°C	6.78 A
Rated current 10°C	6.63 A
Rated current 15°C	6.48 A
Rated current at 20°C	6.32 A
Rated current 25°C	6.16 A
Rated current 30°C	6 A
Rated current 35°C	5.81 A
Rated current at 40°C	5.61 A
Rated current at 45°C	5.41 A
Rated current at 50°C	5.19 A
Rated current 55°C	4.97 A
Rated current 60°C	4.74 A
Rated current 65°C	4.50 A
Rated current 70°C	4.24 A

##### Architecture

Type of pole	3P
Curve	D

##### Capacity

Number of modules	3
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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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##### 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

##### 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

##### Use conditions

Degree of pollution according to IEC 60664 / IEC 60947-2	2
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##### 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	52.50 mm
Depth	70 mm