



MDN316P

## MCB 3P 6kA D-16A 3M

### Technical properties

#### Electric current

Rated current	16 A
Rated current -15°C	19,56 A
Rated current -10°C	19,20 A
Rated current -5°C	18,83 A
Rated current at 0°C	18,45 A
Rated current 5°C	18,07 A
Rated current 10°C	17,67 A
Rated current 15°C	17,27 A
Rated current at 20°C	16,86 A
Rated current 25°C	16,43 A
Rated current 30°C	16 A
Rated current 35°C	15,48 A
Rated current at 40°C	14,94 A
Rated current at 45°C	14,38 A
Rated current at 50°C	13,80 A
Rated current 55°C	13,19 A
Rated current 60°C	12,56 A
Rated current 65°C	11,89 A
Rated current 70°C	11,18 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
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

<b>Frequency</b>	
Frequency	50-60 Hz
<b>Connection</b>	
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>
<b>Installation, mounting</b>	
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
<b>Safety</b>	
Ingress Protection (IP) class	IP20
<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	52,50 mm
Depth	70 mm