



MMN216

### Magnetic MCB 2P 20kA 16A 400V access. indicator IEC 947-2

#### Technical Features

##### Electric current

Rated current	16 A
Rated ultimate short-circuit breaking capacity Icu under 230 V AC IEC 60947-2	20 kA
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	20 kA
Rated current 30°C	17.30 A
Rated current 35°C	16.60 A
Rated current at 40°C	16 A
Rated current at 45°C	15.40 A
Rated current at 50°C	14.70 A
Rated current 55°C	14.10 A
Rated current 60°C	13.40 A
Rated current 70°C	12.20 A

##### Architecture

Type of pole	2P
Curve	Mag

##### Capacity

Number of modules	2
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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	230 - 400 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

##### Safety

Ingress Protection (IP) class	IP20
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##### Use conditions

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

##### Power

Total power loss under I <sub>N</sub>	0.82 W
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##### Endurance

Electric endurance in number of cycles	10000
Number of mechanical operations	20000

**Connectivity**

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

**Dimensions**

Height	83 mm
Width	35 mm
Depth	70 mm

**Illustrations | Drawings**

