

Product Datasheet

MMN310



MMN310

Magnetic MCB 3P 25kA 10A 400V access. indicator IEC 947-2

Technical Features

Electric current

Rated current	10 A
Rated ultimate short-circuit breaking capacity Icu under 230 V AC IEC 60947-2	25 kA
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	25 kA
Rated current 30°C	10.80 A
Rated current 35°C	10.40 A
Rated current at 40°C	10 A
Rated current at 45°C	9.60 A
Rated current at 50°C	9.20 A
Rated current 55°C	8.80 A
Rated current 60°C	8.40 A
Rated current 70°C	7.60 A

Architecture

Type of pole	3P
Curve	Mag

Capacity

Number of modules	3
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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 ²
Cross-section of input and output with screws, for flexible conductors	1 - 25 mm ²
Cross-section of input with screws, for flexible conductors	1 - 25 mm ²
Cross-section of input with screws, for massive conductors	1 - 35 mm ²

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 ² t	3
Air humidity protection	For all climates
Operating temperature	-25 - 70 °C

Power

Total power loss under IN	1.08 W
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Endurance

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

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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	83 mm
Width	52.50 mm
Depth	70 mm

Illustrations | Drawings

