



MCN410

### MCB 4P 6kA C-10A 4M

#### Technical Features

##### Electric current

Rated current	10 A
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	6 kA
Rated current -15°C	12.8 A
Rated current -10°C	12.5 A
Rated current -5°C	12.2 A
Rated current at 0°C	11.9 A
Rated current 5°C	11.6 A
Rated current 10°C	11.3 A
Rated current 15°C	11 A
Rated current at 20°C	10.7 A
Rated current 25°C	10.4 A
Rated current 30°C	10 A
Rated current 35°C	9.6 A
Rated current at 40°C	9.3 A
Rated current at 45°C	8.9 A
Rated current at 50°C	8.4 A
Rated current 55°C	8 A
Rated current 60°C	7.5 A
Rated current 65°C	7 A
Rated current 70°C	6.5 A

##### Architecture

Type of pole	4P
Curve	C

##### Capacity

Number of modules	4
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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	4000 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>
Cross-section flexible conductor	1 - 25 mm <sup>2</sup>
Cross-section rigid conductor	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

**Use conditions**

Degree of pollution according to IEC 60664 / IEC 60947-2

2

Class of energy limitation  $I^2t$

3

Air humidity protection

For all climates

Operating temperature

-25 - 70 °C

**Power**

Total power loss under IN

7.82 W

**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

70 mm

Depth

70 mm

**Sustainability**

RoHS conform

Yes

**Illustrations | Drawings**

