



MW440

## MCB 4P 3kA C-40A 4M

### Technical Features

#### Electric current

Rated current	40 A
Rated short-circuit breaking capacity $lc_n$ under 230 V AC according to IEC 60898-1	3 kA
Rated ultimate short-circuit breaking capacity $lc_u$ under 230 V AC IEC 60947-2	3 kA
Rated ultimate short-circuit breaking capacity $lc_u$ under 400 V AC IEC 60947-2	3 kA

#### Architecture

Type of pole	4P
Curve	C

#### Capacity

Number of modules	4
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#### Main electrical attributes

Rated short-circuit breaking capacity $lc_n$ AC according to IEC 60898-1	3 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 $U_e$	400 - 400 V
Type voltage supply	AC
Rated insulation voltage $U_i$	500 V
Rated impulse withstand voltage $U_{imp}$	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>

#### 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
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#### 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	21.30 W
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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

# Product Datasheet

## MW440

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### Dimensions

Height	83 mm
Width	70 mm
Depth	70 mm

### Sustainability

RoHS conform	Yes
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