



MW120

**MCB 1P 3kA C-20A 1M**

**Technical Features**

**Electric current**

Rated current	20 A
Rated short-circuit breaking capacity $lcn$ under 230 V AC according to IEC 60898-1	3 kA

**Architecture**

Type of pole	1P
Curve	C

**Capacity**

Number of modules	1
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**Main electrical attributes**

Rated short-circuit breaking capacity $lcn$ 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 $Ue$	230 - 400 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>

**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	2.10 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

**Dimensions**

Height	83 mm
Width	17.50 mm
Depth	70 mm

# Product Datasheet

## MW120

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Sustainability	
RoHS conform	Yes