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hager MW106 Modular Circuit Breakers User Manual



MCB 1P 3kA C-6A 1M

Technical characteristics

Electric current

Rated current: 6 A

Rated short-circuit breaking capacity Icn under 230 V AC according to IEC 60898-1; 3 kA

Architecture

Type of pole; 1P

Curve ; C

Capacity

Number of modules; 1

Installation, mounting

Nominal tightening torque top terminal; 2.80 – 2.80 Nm

Nominal tightening torque down terminal; 2.80 – 2.80 Nm

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

Main electrical attributes

Rated short-circuit breaking capacity Icn AC according to IEC 60898-1 ;3 kA

Voltage

Rated operational voltage Ue ; 230 – 400 V

Type voltage supply ;AC

Rated insulation voltage Ui ;500 V

Rated impulse withstand voltage Uimp; 4,000 V

Frequency

Frequency; 50 – 60 Hz

Connection

Cross-section of input and output with screws, for massive conductors ;1 – 35

mm²

Cross-section of input and output with screws, for flexible conductors; 1 – 25 mm²

Cross-section of input with screws, for flexible conductors; 1 – 25 mm²

Cross-section of input with screws, for massive conductors; 1 – 35 mm²

Safety

Ingress Protection (IP) class; IP20

Use conditions

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

Class of energy limitation I²t; 3

Air humidity protection ; For all climates

Operating temperature ; -25 – 70 °C

Power

Total power loss under IN; 1.19 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 ; 83 mm

Width ; 17.50 mm

Depth; 70 mm



Documents / Resources



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1P 3kA C-6A, MW106 Modular Circuit Breakers, MW106, Modular Circuit Breakers, Circuit Breakers, Breakers

References

- [User Manual](#)

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1P 3kA C-6A, Breakers, Circuit Breakers, hager, Modular Circuit Breakers, MW106, MW106 Modular Circuit Breakers

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