



MJT706

MCB 1P+N 4.5/6kA C-6A 1M

Technical Features

Architecture

Type of pole	1P+N
Curve	C

Voltage

Rated operational voltage U_e	230 - 240 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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Electric current

Rated current	6 A
Rated service breaking capacity I_{cs} AC according to IEC 60898-1	4.50 kA
Rated service breaking capacity I_{cs} under 230 V AC according to IEC 60947-2	4.5 kA
Rated short-circuit breaking capacity I_{cn} under 230 V AC according to IEC 60898-1	4.50 kA
Rated ultimate short-circuit breaking capacity I_{cu} under 230 V AC IEC 60947-2	6 kA

Main electrical attributes

Rated short-circuit breaking capacity I_{cn} AC according to IEC 60898-1	4.50 kA
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Installation, mounting

Type of top connection for modular devices	Screw terminal
Type of bottom connection for modular devices	Screw terminal

Power

Total power loss under I_N	1.40 W
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Endurance

Electric endurance in number of cycles	4000
Number of mechanical operations	20000

Connection

Cross-section of input and output with screws, for massive conductors	0.75 - 16.0 mm ²
Cross-section of input and output with screws, for flexible conductors	0.75 - 10.0 mm ²

Use conditions

Degree of pollution according to IEC 60664 / IEC 60947-2	3
Class of energy limitation I^2t	3
Air humidity protection	For all climates
Operating temperature	-25 - 60 °C

Safety

Ingress Protection (IP) class	IP20
Grid distance	60 mm

Capacity

Number of modules	1
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Connectivity

Type of connection	Screw terminal
Top connection alignment for modular devices	Shifted terminal
Down connection alignment for modular devices	Shifted terminal

Sustainability

RoHS conform	Yes
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Illustrations | Drawings

