



MJT740

### MCB 1P+N 4.5/6kA C-40A 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	40 A
Rated service breaking capacity $I_{cs}$ AC according to IEC 60898-1	4.50 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 $I_N$	8.30 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 <sup>2</sup>
Cross-section of input and output with screws, for flexible conductors	0.75 - 10.0 mm <sup>2</sup>

##### 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

