



MJT716

MCB 1P+N 4.5/6kA C-16A 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 |
|-----------|------------|

Electric current

| | |
|--|---------|
| Rated current | 16 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 |
|--|---------|

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 | 3.80 W |
|------------------------------|--------|

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 |
|-------------------|---|

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 |
|--------------|-----|

Illustrations | Drawings

