

**MCB 3P 6kA B-10A 3M**

**Technical Features**

**Electric current**

|                       |         |
|-----------------------|---------|
| Rated current         | 10 A    |
| Rated current at 20°C | 10.80 A |
| Rated current 30°C    | 10 A    |
| Rated current 35°C    | 9.60 A  |
| Rated current at 40°C | 9.20 A  |
| Rated current at 45°C | 8.80 A  |
| Rated current at 50°C | 8.40 A  |
| Rated current 55°C    | 8 A     |
| Rated current 60°C    | 7.60 A  |
| Rated current 70°C    | 6.80 A  |

**Architecture**

|              |    |
|--------------|----|
| Type of pole | 3P |
| Curve        | B  |

**Capacity**

|                   |   |
|-------------------|---|
| Number of modules | 3 |
|-------------------|---|

**Main electrical attributes**

|   |      |
|---|------|
| Rated short-circuit breaking capacity I <sub>cn</sub> AC according to IEC 60898-1 | 6 kA |
|---|------|

**Voltage**

|  |             |
|--|-------------|
| Rated operational voltage U <sub>e</sub>         | 230 - 400 V |
| Rated insulation voltage U <sub>i</sub>          | 500 V       |
| Rated impulse withstand voltage U <sub>imp</sub> | 4000 V      |

**Frequency**

|           |            |
|-----------|------------|
| Frequency | 50 - 60 Hz |
|-----------|------------|

**Connection**

|  |                        |
|--|------------------------|
| Cross-section of input and output with screws, for massive conductors  | 1 - 25 mm <sup>2</sup> |
| Cross-section of input and output with screws, for flexible conductors | 1 - 16 mm <sup>2</sup> |

**Installation, mounting**

|                           |                |
|---------------------------|----------------|
| Nominal tightening torque | 2.80 - 2.80 Nm |
|---------------------------|----------------|

**Use conditions**

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

**Power**

|                                       |        |
|---------------------------------------|--------|
| Total power loss under I <sub>N</sub> | 5.40 W |
|---------------------------------------|--------|

**Connectivity**

|                    |                |
|--------------------|----------------|
| Type of connection | Screw terminal |
|--------------------|----------------|

**Dimensions**

|        |          |
|--------|----------|
| Height | 83 mm    |
| Width  | 52.50 mm |
| Depth  | 70 mm    |

**Sustainability**

|              |     |
|--------------|-----|
| RoHS conform | Yes |
|--------------|-----|