



MU232A

## MCB 2P 6kA C-32A 2M

### Technical properties

#### Electric current

|   |         |
|---|---------|
| Rated current   | 32 A    |
| Rated service breaking capacity Ics under 230 V AC according to IEC 60947-2       | 7.50 kA |
| Rated short-circuit breaking capacity Icn under 230 V AC according to IEC 60898-1 | 6 kA    |
| Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2     | 10 kA   |
| Rated current -15°C   | 37.50 A |
| Rated current -10°C   | 37 A    |
| Rated current -5°C  | 36.40 A |
| Rated current at 0°C  | 35.80 A |
| Rated current 5°C   | 35.20 A |
| Rated current 10°C  | 34.60 A |
| Rated current 15°C  | 33.90 A |
| Rated current at 20°C   | 33.30 A |
| Rated current 25°C  | 32.70 A |
| Rated current 30°C  | 32 A    |
| Rated current 35°C  | 31.30 A |
| Rated current at 40°C   | 30.60 A |
| Rated current at 45°C   | 29.90 A |
| Rated current at 50°C   | 29.20 A |
| Rated current 55°C  | 28.50 A |
| Rated current 60°C  | 27.70 A |
| Rated current 65°C  | 27 A    |
| Rated current 70°C  | 26.30 A |

#### Architecture

|              |    |
|--------------|----|
| Type of pole | 2P |
| Curve        | C  |

#### Capacity

|                   |   |
|-------------------|---|
| Number of modules | 2 |
|-------------------|---|

#### Main electrical attributes

|   |                |
|---|----------------|
| Rated short-circuit breaking capacity Icn AC according to IEC 60898-1 | 6 kA           |
| Nominal tightening torque top terminal                                | 2.80 - 2.80 Nm |
| Nominal tightening torque down terminal                               | 2.80 - 2.80 Nm |

#### Voltage

|  |                        |
|--|------------------------|
| Rated operational voltage Ue   | 400 - 400 V            |
| Type voltage supply  | AC                     |
| Rated insulation voltage Ui  | 500 V                  |
| Rated impulse withstand voltage Uimp                                   | 4,000 V                |
| <b>Frequency</b>   |                        |
| Frequency  | 50 - 60 Hz             |
| <b>Connection</b>  |                        |
| Cross-section of input and output with screws, for massive conductors  | 1 - 35 mm <sup>2</sup> |
| Cross-section of input and output with screws, for flexible conductors | 1 - 25 mm <sup>2</sup> |
| Cross-section of input with screws, for flexible conductors            | 1 - 25 mm <sup>2</sup> |
| Cross-section of input with screws, for massive conductors             | 1 - 35 mm <sup>2</sup> |
| Cross-section flexible conductor                                       | 1 - 25 mm <sup>2</sup> |
| Cross-section rigid conductor  | 1 - 35 mm <sup>2</sup> |
| <b>Installation, mounting</b>  |                        |
| 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                    |
| <b>Safety</b>  |                        |
| Ingress Protection (IP) class  | IP20                   |
| <b>Use conditions</b>  |                        |
| 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 - 70 °C            |
| <b>Power</b>   |                        |
| Total power loss under IN  | 7.30 W                 |
| <b>Connectivity</b>  |                        |
| Type of connection   | Screw terminal         |
| Top connection alignment for modular devices                           | Aligned terminal       |
| Down connection alignment for modular devices                          | Aligned terminal       |
| <b>Dimensions</b>  |                        |
| Height   | 83 mm                  |
| Width  | 35 mm                  |
| Depth  | 70 mm                  |