



MU363A

### MCB 3P 6kA C-63A 3M

#### Technical Features

##### Electric current

|                                                                                   |        |
|-----------------------------------------------------------------------------------|--------|
| Rated current                                                                     | 63 A   |
| Rated service breaking capacity Ics under 230 V AC according to IEC 60947-2       | 6 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     | 6 kA   |
| Rated current -15°C                                                               | 76.1 A |
| Rated current -10°C                                                               | 74.7 A |
| Rated current -5°C                                                                | 73.4 A |
| Rated current at 0°C                                                              | 72 A   |
| Rated current 5°C                                                                 | 70.6 A |
| Rated current 10°C                                                                | 69.1 A |
| Rated current 15°C                                                                | 67.6 A |
| Rated current at 20°C                                                             | 66.1 A |
| Rated current 25°C                                                                | 64.6 A |
| Rated current 30°C                                                                | 63 A   |
| Rated current 35°C                                                                | 61 A   |
| Rated current at 40°C                                                             | 58.9 A |
| Rated current at 45°C                                                             | 56.7 A |
| Rated current at 50°C                                                             | 54.4 A |
| Rated current 55°C                                                                | 52 A   |
| Rated current 60°C                                                                | 49.6 A |
| Rated current 65°C                                                                | 46.9 A |
| Rated current 70°C                                                                | 44.2 A |

##### Architecture

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

##### Capacity

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

##### Main electrical attributes

|                                                                       |      |
|-----------------------------------------------------------------------|------|
| Rated short-circuit breaking capacity Icn AC according to IEC 60898-1 | 6 kA |
|-----------------------------------------------------------------------|------|

##### Installation, mounting

|                                         |                |
|-----------------------------------------|----------------|
| 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 | 4000 V    |

##### Frequency

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

##### Connection

|                                                                        |                        |
|------------------------------------------------------------------------|------------------------|
| 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> |

##### Installation, mounting

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

# Product Datasheet

## MU363A

|                                                          |                  |
|----------------------------------------------------------|------------------|
| <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                |
| Operating temperature                                    | -25 - 70 °C      |
| <b>Power</b>                                             |                  |
| Total power loss under IN                                | 19.9 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                                                    | 52.5 mm          |
| Depth                                                    | 70 mm            |
| <b>Sustainability</b>                                    |                  |
| RoHS conform                                             | Yes              |