



### Main

|                           |   |
|---------------------------|---|
| Range of product          | C60   |
| Range                     | Multi 9   |
| Product name              | C60   |
| Product or component type | Miniature circuit-breaker   |
| Device short name         | C60a  |
| Device application        | Distribution  |
| Poles description         | 3P  |
| Number of protected poles | 3   |
| [In] rated current        | 6 A at 30 °C  |
| Network type              | DC<br>AC  |
| Trip unit technology      | Thermal-magnetic  |
| Curve code                | C   |
| Breaking capacity         | 10 KA Icu at 230...240 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>4500 A Icn at 230/400 V AC 50/60 Hz conforming to EN 60898<br>3 KA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>5 KA Icu at 400...415 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>10 KA Icu at 125 V DC 2P conforming to EN/IEC 60947-2<br>20 KA Icu at 125 V DC 3P conforming to EN/IEC 60947-2<br>25 KA Icu at <= 250 V DC 4P conforming to EN/IEC 60947-2 |
| Suitability for isolation | Yes conforming to IEC 60947-2   |

### Complementary

|  |  |
|--|--|
| Network frequency                                | 50/60 Hz   |
| [Ue] rated operational voltage                   | 440 V AC 50/60 Hz<br>230...240 V AC 50/60 Hz<br>400...415 V AC 50/60 Hz<br><= 250 V DC<br>230/400 V AC 50/60 Hz  |
| Magnetic tripping limit                          | 5...10 x In  |
| [Ics] rated service breaking capacity            | 7.5 KA conforming to EN/IEC 60947-2 - 230...240 V AC 50/60 Hz<br>2.25 KA conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz<br>3.75 KA conforming to EN/IEC 60947-2 - 400...415 V AC 50/60 Hz<br>4500 A conforming to EN 60898 - 230/400 V AC 50/60 Hz |
| Limitation class                                 | 3 conforming to EN/IEC 60947-2   |
| Contact position indicator                       | Yes  |
| Control type                                     | Toggle   |
| Local signalling                                 | ON/OFF indication  |
| Mounting mode                                    | Clip-on  |
| Mounting support                                 | 35 mm symmetrical DIN rail   |
| Comb busbar and distribution block compatibility | NO   |
| 9 mm pitches                                     | 6  |

|                          |   |
|--------------------------|---|
| Height                   | 81 Mm   |
| Width                    | 54 Mm   |
| Depth                    | 73 Mm   |
| Net weight               | 0.36 Kg   |
| Mechanical durability    | 20000 Cycles  |
| Connections - terminals  | Tunnel type terminals16 mm <sup>2</sup> flexible<br>Tunnel type terminals25 mm <sup>2</sup> rigid |
| Tightening torque        | Power circuit: 2 N.m upside<br>2 N.M downside   |
| Earth-leakage protection | Separate block  |
| Product compatibility    | C60 auxiliary<br>C60 accessories  |

## Environment

|                                       |                             |
|---------------------------------------|-----------------------------|
| Standards                             | EN 60898<br>EN/IEC 60947-2  |
| Tropicalisation                       | 2 conforming to IEC 60068-1 |
| Relative humidity                     | 95 % at 55 °C               |
| Operating altitude                    | 2000 m                      |
| Ambient air temperature for operation | -25...60 °C                 |
| Ambient air temperature for storage   | -40...70 °C                 |

## Packing Units

|                  |          |
|------------------|----------|
| Package 1 Weight | 0.324 Kg |
| Package 1 Height | 0.850 Dm |
| Package 1 width  | 0.540 Dm |
| Package 1 Length | 0.730 Dm |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Product Life Status : **Commercialised**