



### 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        | 25 A at 30 °C   |
| Network type              | AC<br>DC  |
| 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 |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|  |   |
|--|---|
| 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 | 0.328 kg |
| Package 1 Height | 0.750 dm |
| Package 1 width  | 0.540 dm |
| Package 1 Length | 0.850 dm |

## Contractual warranty

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