

# Product datasheet

Specifications



## C60 - circuit breaker - C60N - 1P - 4A - C curve

24398

### Main

|                           |  |
|---------------------------|--|
| Range of product          | C60  |
| Range                     | Multi 9  |
| Product name              | C60  |
| Product or component type | Miniature circuit-breaker  |
| Device short name         | C60N   |
| Device application        | Distribution   |
| Poles description         | 1P   |
| Number of protected poles | 1  |
| [In] rated current        | 4 A at 30 °C   |
| Network type              | AC<br>DC   |
| Trip unit technology      | Thermal-magnetic   |
| Curve code                | C  |
| Breaking capacity         | 20 kA Icu at 130 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>10 kA Icu at 230...240 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>3 kA Icu at 400...415 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>6000 A Icn at 230/400 V AC 50/60 Hz conforming to EN 60898<br>15 kA Icu at 60 V DC 1P 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        | 230...240 V AC 50/60 Hz<br>400...415 V AC 50/60 Hz<br>130 V AC 50/60 Hz<br>230/400 V AC 50/60 Hz   |
| Magnetic tripping limit               | 5...10 x In  |
| [Ics] rated service breaking capacity | 15 kA conforming to EN/IEC 60947-2 - 130 V AC 50/60 Hz<br>7.5 kA conforming to EN/IEC 60947-2 - 230...240 V AC 50/60 Hz<br>6000 A conforming to EN 60898 - 230/400 V AC 50/60 Hz<br>2.25 kA conforming to EN/IEC 60947-2 - 400...415 V AC 50/60 Hz |
| Limitation class                      | 3 conforming to EN/IEC 60947-2   |
| Contact position indicator            | Yes  |
| Control type                          | Toggle   |

|   |   |
|---|---|
| <b>Local signalling</b>                                 | ON/OFF indication   |
| <b>Mounting mode</b>                                    | Clip-on   |
| <b>Mounting support</b>                                 | 35 mm symmetrical DIN rail  |
| <b>Comb busbar and distribution block compatibility</b> | NO  |
| <b>9 mm pitches</b>                                     | 2   |
| <b>Height</b>   | 81 mm   |
| <b>Width</b>  | 18 mm   |
| <b>Depth</b>  | 73 mm   |
| <b>Net weight</b>                                       | 0.12 kg   |
| <b>Mechanical durability</b>                            | 20000 cycles  |
| <b>Connections - terminals</b>                          | Tunnel type terminals16 mm <sup>2</sup> flexible<br>Tunnel type terminals25 mm <sup>2</sup> rigid |
| <b>Tightening torque</b>                                | Power circuit: 2 N.m upside<br>2 N.m downside   |
| <b>Product compatibility</b>                            | C60 accessories<br>C60 auxiliary  |

## Environment

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