

# Product datasheet

Specifications



## C60 - circuit breaker - C60N - 2P - 25A - B curve

24079

### 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         | 2P   |
| Number of protected poles | 2  |
| [In] rated current        | 25 A at 30 °C  |
| Network type              | AC   |
| Trip unit technology      | Thermal-magnetic   |
| Curve code                | B  |
| Breaking capacity         | 10 kA Icu at 400...415 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>6 kA Icu at 440 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>20 kA Icu at 125 V DC 2P conforming to EN/IEC 60947-2<br>20 kA Icu at 230...240 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>30 kA Icu at 125 V DC 3P conforming to EN/IEC 60947-2<br>40 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               | 3...5 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>6000 A conforming to EN 60898 - 230/400 V AC 50/60 Hz |
| Limitation class                      | 3 conforming to IEC 60898  |

|                                   |   |
|-----------------------------------|---|
| <b>Contact position indicator</b> | Yes   |
| <b>Control type</b>               | Toggle  |
| <b>Local signalling</b>           | ON/OFF indication   |
| <b>Mounting mode</b>              | Clip-on   |
| <b>Mounting support</b>           | 35 mm symmetrical DIN rail  |
| <b>9 mm pitches</b>               | 4   |
| <b>Height</b>                     | 81 mm   |
| <b>Width</b>                      | 36 mm   |
| <b>Depth</b>                      | 73 mm   |
| <b>Net weight</b>                 | 0.24 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>Earth-leakage protection</b>   | Separate block  |

## Environment

|  |                             |
|--|-----------------------------|
| <b>Standards</b>                             | IEC 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                 |