



### Commercial status

End of Commercialisation :

⚠ End of Commercialisation

### 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        | 25 A at 30 °C  |
| Network type              | DC<br>AC   |
| 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   |
| 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                                     | 2  |

|                         |   |
|-------------------------|---|
| Height                  | 81 Mm   |
| Width                   | 18 Mm   |
| Depth                   | 73 Mm   |
| Net weight              | 0.12 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   |
| 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 | 0.107 Kg |
| Package 1 Height | 0.180 Dm |
| Package 1 width  | 0.750 Dm |
| Package 1 Length | 0.850 Dm |

## Contractual warranty

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

Product Life Status : **End of commerc. - Block**

24178 may be replaced by any of the following products:



**A9F77125**

iC60N - miniature circuit breaker - 1P - 25A - C curve

Qty 1

Reason for Substitution: End of life | Substitution date: 07 Jan 2011 | association ancien/nouveau impossible entre disjoncteur et vigi, aux-il.elect. ou accessoires