

# Product datasheet

Specifications



## C60 - circuit breaker - C60L - 2P - 25A - C curve

25426

⚠ Discontinued on: 1 Mar 2019

⚠ Discontinued

### Main

|                           |                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range Of Product          | C60                                                                                                                                                                                                                                                                                                                                                                                 |
| Range                     | Multi9                                                                                                                                                                                                                                                                                                                                                                              |
| Product Name              | C60                                                                                                                                                                                                                                                                                                                                                                                 |
| Product Or Component Type | Miniature circuit-breaker                                                                                                                                                                                                                                                                                                                                                           |
| Device Short Name         | C60L                                                                                                                                                                                                                                                                                                                                                                                |
| Device Application        | Distribution                                                                                                                                                                                                                                                                                                                                                                        |
| Poles Description         | 2P                                                                                                                                                                                                                                                                                                                                                                                  |
| Number Of Protected Poles | 2                                                                                                                                                                                                                                                                                                                                                                                   |
| [In] Rated Current        | 25 A at 40 °C                                                                                                                                                                                                                                                                                                                                                                       |
| Network Type              | AC<br>DC                                                                                                                                                                                                                                                                                                                                                                            |
| Trip Unit Technology      | Thermal-magnetic                                                                                                                                                                                                                                                                                                                                                                    |
| Curve Code                | C                                                                                                                                                                                                                                                                                                                                                                                   |
| Breaking Capacity         | 20 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>50 kA Icu at 230...240 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>25 kA Icu at 400...415 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>30 kA Icu at 125 V DC 2P conforming to EN/IEC 60947-2<br>50 kA Icu at 125 V DC 3P conforming to EN/IEC 60947-2<br>60 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                                                                                                   |
| Magnetic Tripping Limit               | 7...10 x In                                                                                                                                                                              |
| [Ics] Rated Service Breaking Capacity | 10 kA conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz<br>25 kA conforming to EN/IEC 60947-2 - 230...240 V AC 50/60 Hz<br>12.5 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                                                                                                                                                                                  |

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

|                                                  |                                                                           |
|--------------------------------------------------|---------------------------------------------------------------------------|
| Mounting Support                                 | 35 mm symmetrical DIN rail                                                |
| Comb Busbar And Distribution Block Compatibility | NO                                                                        |
| 9 Mm Pitches                                     | 4                                                                         |
| Height                                           | 81 mm                                                                     |
| Width                                            | 36 mm                                                                     |
| Depth                                            | 73 mm                                                                     |
| Net Weight                                       | 0.24 kg                                                                   |
| Mechanical Durability                            | 20000 cycles                                                              |
| Connections - Terminals                          | Tunnel type terminals16 mm² flexible<br>Tunnel type terminals25 mm² 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/IEC 60947-2<br>EN 60898  |
| 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

|                              |          |
|------------------------------|----------|
| Unit Type Of Package 1       | PCE      |
| Number Of Units In Package 1 | 1        |
| Package 1 Height             | 8.5 cm   |
| Package 1 Width              | 3.6 cm   |
| Package 1 Length             | 7.3 cm   |
| Package 1 Weight             | 0.222 kg |

## Contractual warranty

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