# Product data sheet
## Characteristics

# 25454
## C60 - circuit breaker - C60L - 4P - 40A - C curve

## Main

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|---|---|
| Range of product | C60 |
| Range | Multi 9 |
| Product name | C60 |
| Product or component type | Miniature circuit-breaker |
| Device short name | C60L |
| Device application | Distribution |
| Poles description | 4P |
| Number of protected poles | 4 |
| [In] rated current | 40 A at 40 °C |
| Network type | AC<br>DC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Breaking capacity | 20 kA Icu conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz<br>50 kA Icu conforming to EN/IEC 60947-2 - 230...240 V AC 50/60 Hz<br>25 kA Icu conforming to EN/IEC 60947-2 - 400...415 V AC 50/60 Hz<br>30 kA Icu conforming to EN/IEC 60947-2 - 125 V DC 2P<br>50 kA Icu conforming to EN/IEC 60947-2 - 125 V DC 3P<br>60 kA Icu conforming to EN/IEC 60947-2 - <= 250 V DC 4P |
| Suitability for isolation | Yes conforming to IEC 60947-2 |

## Complementary

| | |
|---|---|
| Network frequency | 50/60 Hz |
| [Ue] rated operational voltage | <= 250 V DC<br>230...240 V AC 50/60 Hz<br>400...415 V AC 50/60 Hz<br>440 V AC 50/60 Hz |
| 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 |

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

| | |
|---|---|
| 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 | 8 |
| Height | 81 mm |
| Width | 72 mm |
| Depth | 73 mm |
| Product weight | 0.48 kg |
| Mechanical durability | 20000 cycles |
| Connections - terminals | Tunnel type terminals flexible wire(s) 25 $mm^2$ max<br>Tunnel type terminals rigid wire(s) 35 $mm^2$ max |
| Tightening torque | 3.5 N.m downside<br>3.5 N.m upside power circuit |
| Earth-leakage protection | Separate block |
| Product compatibility | C60 accessories<br>C60 auxiliary |

## Environment

| | |
|---|---|
| Standards | EN 60898<br>EN/IEC 60947-2 |
| IP degree of protection | IP20 conforming to IEC 60529 |
| Overvoltage category | IV |
| Tropicalisation | 2 conforming to IEC 60068-1 |
| Relative humidity | 95 % 55 °C |
| Operating altitude | 2000 m |
| Ambient air temperature for operation | -25...60 °C |
| Ambient air temperature for storage | -40...70 °C |

## Contractual warranty

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