



### Main

|                             |   |
|-----------------------------|---|
| Circuit breaker application | Distribution  |
| Range of product            | C60   |
| Product or component type   | Circuit breaker   |
| Device short name           | C60H  |
| Poles description           | 4P  |
| Number of protected poles   | 4   |
| [In] rated current          | 32 A at 30 °C   |
| Network type                | AC<br>DC  |
| Trip unit technology        | Thermal-magnetic  |
| Curve code                  | C   |
| Breaking capacity           | 10000 A Icn conforming to EN 60898 - 230/400 V AC 50/60 Hz<br>10 kA Icu conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz<br>15 kA Icu conforming to EN/IEC 60947-2 - 400...415 V AC 50/60 Hz<br>40 kA Icu conforming to EN/IEC 60947-2 - 125 V DC 3P<br>25 kA Icu conforming to EN/IEC 60947-2 - 125 V DC 2P<br>30 kA Icu conforming to EN/IEC 60947-2 - 230...240 V AC 50/60 Hz<br>50 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               | 12...440 V AC 50/60 Hz  |
| Magnetic tripping limit                      | 5...10 x In   |
| [Ics] rated service breaking capacity        | 7.5 kA conforming to EN/IEC 60947-2 - 400...415 V AC 50/60 Hz<br>15 kA conforming to EN/IEC 60947-2 - 230...240 V AC 50/60 Hz<br>5 kA conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz<br>7500 A conforming to EN 60898 - 230/400 V AC 50/60 Hz |
| Limitation class                             | 3 conforming to EN/IEC 60947-2  |
| [Ui] rated insulation voltage                | 500 V AC 50/60 Hz conforming to EN/IEC 60947-2  |
| [Uimp] rated impulse withstand voltage       | 6 kV 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 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 <sup>2</sup> max<br>Tunnel type terminals rigid wire(s) 35 mm <sup>2</sup> max   |
| Tightening torque                            | 3.5 N.m downside<br>3.5 N.m upside power circuit  |

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|                          |                                  |
|--------------------------|----------------------------------|
| Earth-leakage protection | Separate block                   |
| Product compatibility    | C60 accessories<br>C60 auxiliary |

## Environment

|                                       |                             |
|---------------------------------------|-----------------------------|
| Standards                             | EN 60898<br>EN/IEC 60947-2  |
| 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                 |