



Main

|                           |  |
|---------------------------|--|
| Device application        | Distribution   |
| Range                     | Acti 9   |
| Product name              | Acti 9 iC60  |
| Product or component type | Miniature circuit-breaker  |
| Device short name         | IC60L  |
| Poles description         | 2P   |
| Number of protected poles | 2  |
| [In] rated current        | 16 A   |
| 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>25 kA Icu conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz<br>50 kA Icu conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz<br>70 kA Icu conforming to EN/IEC 60947-2 - 12...60 V AC 50/60 Hz<br>70 kA Icu conforming to EN/IEC 60947-2 - 100...133 V AC 50/60 Hz<br>20 kA Icu conforming to EN/IEC 60947-2 - <= 125 V DC<br>15000 A Icn conforming to EN/IEC 60898-1 - 400 V AC 50/60 Hz |
| Utilisation category      | Category A conforming to EN 60947-2<br>Category A conforming to IEC 60947-2  |
| Suitability for isolation | Yes conforming to EN 60947-2<br>Yes conforming to IEC 60947-2<br>Yes conforming to EN 60898-1<br>Yes conforming to IEC 60898-1   |
| Standards                 | EN 60898-1<br>EN 60947-2<br>IEC 60898-1<br>IEC 60947-2   |

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## Complementary

|  |  |
|--|--|
| Network frequency                                | 50/60 Hz   |
| Magnetic tripping limit                          | 8 x In +/- 20 %  |
| [Ics] rated service breaking capacity            | 20 kA 100 % x Icu conforming to EN 60947-2 - 72...125 V DC<br>20 kA 100 % x Icu conforming to IEC 60947-2 - 72...125 V DC<br>35 kA 50 % x Icu conforming to EN 60947-2 - 12...133 V AC 50/60 Hz<br>35 kA 50 % x Icu conforming to IEC 60947-2 - 12...133 V AC 50/60 Hz<br>7500 A 50 % x Icu conforming to EN 60898-1 - 400 V AC 50/60 Hz<br>7500 A 50 % x Icu conforming to IEC 60898-1 - 400 V AC 50/60 Hz<br>25 kA 50 % x Icu conforming to EN 60947-2 - 220...240 V AC 50/60 Hz<br>12.5 kA 50 % x Icu conforming to EN 60947-2 - 380...415 V AC 50/60 Hz<br>10 kA 50 % x Icu conforming to EN 60947-2 - 440 V AC 50/60 Hz<br>25 kA 50 % x Icu conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz<br>12.5 kA 50 % x Icu conforming to IEC 60947-2 - 380...415 V AC 50/60 Hz<br>10 kA 50 % x Icu conforming to IEC 60947-2 - 440 V AC 50/60 Hz |
| Limitation class                                 | 3 conforming to EN 60898-1<br>3 conforming to IEC 60898-1  |
| [Ui] rated insulation voltage                    | 500 V AC 50/60 Hz conforming to IEC 60947-2<br>500 V AC 50/60 Hz conforming to EN 60947-2  |
| [Uimp] rated impulse withstand voltage           | 6 kV conforming to EN 60947-2<br>6 kV conforming to IEC 60947-2  |
| Contact position indicator                       | Yes  |
| Control type                                     | Toggle   |
| Local signalling                                 | Trip indicator   |
| Mounting mode                                    | Fixed  |
| Mounting support                                 | DIN rail   |
| Comb busbar and distribution block compatibility | YES top or bottom  |
| 9 mm pitches                                     | 4  |
| Height   | 85 mm  |
| Width  | 36 mm  |
| Depth  | 78.5 mm  |
| Product weight                                   | 0.25 kg  |
| Colour   | White  |
| Mechanical durability                            | 20000 cycles   |
| Electrical durability                            | 10000 cycles   |
| Connections - terminals                          | Single terminal, top or bottom rigid wire(s) 1...25 mm <sup>2</sup> max<br>Single terminal, top or bottom flexible wire(s) 1...16 mm <sup>2</sup> max  |
| Wire stripping length                            | 14 mm top or bottom  |
| Tightening torque                                | 2 N.m top or bottom  |
| Earth-leakage protection                         | Separate block   |

## Environment

|                                       |   |
|---------------------------------------|---|
| IP degree of protection               | IP20 conforming to EN 60529<br>IP20 conforming to IEC 60529 |
| Pollution degree                      | 3 conforming to EN 60947-2<br>3 conforming to IEC 60947-2   |
| Overvoltage category                  | IV  |
| Tropicalisation                       | 2 conforming to IEC 60068-1                                 |
| Relative humidity                     | 95 % ( 55 °C )  |
| Operating altitude                    | 0...2000 m  |
| Ambient air temperature for operation | -35...70 °C   |
| Ambient air temperature for storage   | -40...85 °C   |

## Offer Sustainability

|                          |                       |
|--------------------------|-----------------------|
| Sustainable offer status | Green Premium product |
|--------------------------|-----------------------|

|                                  |   |
|----------------------------------|---|
| RoHS (date code: YYWW)           | Compliant - since 0627 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                |
| Product environmental profile    | Available<br><a href="#">Product environmental</a>  |
| Product end of life instructions | Need no specific recycling operations   |
| <b>Contractual warranty</b>      |   |
| Warranty period                  | 18 months 12 months   |