

# Product datasheet

Specifications



## Miniature circuit-breaker, Acti9 iC60L, 2P, 40 A, K curve, 15000 A (IEC 60898-1), 20 kA (IEC 60947-2)

A9F95240

### Main

|                           |   |
|---------------------------|---|
| Device application        | Distribution  |
| Range                     | Acti9   |
| Product name              | Acti9 iC60  |
| Product or component type | Miniature circuit-breaker   |
| Device short name         | iC60L   |
| poles description         | 2P  |
| Number of protected poles | 2   |
| [In] rated current        | 40 A  |
| Network type              | AC<br>DC  |
| Trip unit technology      | Thermal-magnetic  |
| Curve code                | K   |
| Breaking capacity         | 15000 A Icn at 400 V AC 50/60 Hz conforming to EN/IEC 60898-1<br>70 kA Icu at 12...60 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>70 kA Icu at 100...133 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>15 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>20 kA Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>20 kA Icu at <= 125 V DC conforming to EN/IEC 60947-2<br>36 kA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 |
| 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   |
| Standards                 | EN 60947-2<br>IEC 60947-2   |

### Complementary

|                                       |   |
|---------------------------------------|---|
| Network frequency                     | 50/60 Hz  |
| Magnetic tripping limit               | 12 x In +/- 20 %  |
| [Ics] rated service breaking capacity | 18 kA 50 % conforming to EN 60947-2 - 220...240 V AC 50/60 Hz<br>10 kA 50 % conforming to EN 60947-2 - 380...415 V AC 50/60 Hz<br>7.5 kA 50 % conforming to EN 60947-2 - 440 V AC 50/60 Hz<br>18 kA 50 % conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz<br>10 kA 50 % conforming to IEC 60947-2 - 380...415 V AC 50/60 Hz<br>7.5 kA 50 % conforming to IEC 60947-2 - 440 V AC 50/60 Hz<br>35 kA 50 % conforming to EN 60947-2 - 12...133 V AC 50/60 Hz<br>35 kA 50 % conforming to IEC 60947-2 - 12...133 V AC 50/60 Hz<br>20 kA 100 % conforming to EN 60947-2 - 72...125 V DC<br>20 kA 100 % conforming to IEC 60947-2 - 72...125 V DC |
| Limitation class                      | 3 conforming to EN 60898-1<br>3 conforming to IEC 60898-1   |

|   |   |
|---|---|
| <b>[Ui] rated insulation voltage</b>                    | 500 V AC 50/60 Hz conforming to EN 60947-2<br>500 V AC 50/60 Hz conforming to IEC 60947-2                                       |
| <b>[Uimp] rated impulse withstand voltage</b>           | 6 kV conforming to EN 60947-2<br>6 kV conforming to IEC 60947-2   |
| <b>Contact position indicator</b>                       | Yes   |
| <b>Control type</b>                                     | Toggle  |
| <b>local signalling</b>                                 | Trip indicator  |
| <b>Mounting mode</b>                                    | Fixed   |
| <b>Mounting support</b>                                 | DIN rail  |
| <b>Comb busbar and distribution block compatibility</b> | Top or bottom: YES  |
| <b>9 mm pitches</b>                                     | 4   |
| <b>Height</b>   | 85 mm   |
| <b>Width</b>  | 36 mm   |
| <b>Depth</b>  | 78.5 mm   |
| <b>Net weight</b>                                       | 0.25 kg   |
| <b>Colour</b>   | White   |
| <b>Mechanical durability</b>                            | 20000 cycles  |
| <b>Electrical durability</b>                            | 10000 cycles  |
| <b>Connections - terminals</b>                          | Single terminal (top or bottom) 1...35 mm <sup>2</sup> rigid<br>Single terminal (top or bottom) 1...25 mm <sup>2</sup> flexible |
| <b>Wire stripping length</b>                            | 14 mm for top or bottom connection  |
| <b>Tightening torque</b>                                | 3.5 N.m top or bottom   |
| <b>Earth-leakage protection</b>                         | Separate block  |

## Environment

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

## Packing Units

|                                     |         |
|-------------------------------------|---------|
| <b>Unit Type of Package 1</b>       | PCE     |
| <b>Number of Units in Package 1</b> | 1       |
| <b>Package 1 Height</b>             | 3.5 cm  |
| <b>Package 1 Width</b>              | 7.5 cm  |
| <b>Package 1 Length</b>             | 9.4 cm  |
| <b>Package 1 Weight</b>             | 259.0 g |

|                                     |           |
|-------------------------------------|-----------|
| <b>Unit Type of Package 2</b>       | BB1       |
| <b>Number of Units in Package 2</b> | 6         |
| <b>Package 2 Height</b>             | 7.8 cm    |
| <b>Package 2 Width</b>              | 9.8 cm    |
| <b>Package 2 Length</b>             | 22.0 cm   |
| <b>Package 2 Weight</b>             | 1.614 kg  |
| <b>Unit Type of Package 3</b>       | S03       |
| <b>Number of Units in Package 3</b> | 66        |
| <b>Package 3 Height</b>             | 30.0 cm   |
| <b>Package 3 Width</b>              | 30.0 cm   |
| <b>Package 3 Length</b>             | 40.0 cm   |
| <b>Package 3 Weight</b>             | 18.241 kg |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| <b>Warranty</b> | 18 months |
|-----------------|-----------|

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

## Well-being performance

RoHS Exemption Information Yes

## Certifications & Standards

|                          |   |
|--------------------------|---|
| Reach Regulation         | <a href="#">REACH Declaration</a>   |
| Eu Rohs Directive        | Compliant with Exemptions   |
| China Rohs Regulation    | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information       |
| Environmental Disclosure | <a href="#">Product Environmental Profile</a>   |
| Weee                     | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile      | No need of specific recycling operations  |