



## 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         | 3P  |
| Number of protected poles | 3   |
| [In] rated current        | 4 A   |
| Network type              | DC<br>AC  |
| Trip unit technology      | Thermal-magnetic  |
| Curve code                | Z   |
| Breaking capacity         | 15000 A Icn at 400 V AC 50/60 Hz conforming to EN/IEC 60898-1<br>70 KA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>100 KA Icu at 12...60 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>100 KA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>100 KA Icu at 100...133 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>100 KA Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>20 kA Icu at <= 180 V DC 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                 | IEC 60947-2<br>EN 60947-2   |

## Complementary

|  |   |
|--|---|
| Network frequency                      | 50/60 Hz  |
| Magnetic tripping limit                | 3 x In +/- 20 %   |
| [Ics] rated service breaking capacity  | 100 KA 100 % conforming to EN 60947-2 - 220...240 V AC 50/60 Hz<br>100 KA 100 % conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz<br>100 KA 100 % conforming to EN 60947-2 - 380...415 V AC 50/60 Hz<br>70 KA 100 % conforming to EN 60947-2 - 440 V AC 50/60 Hz<br>100 KA 100 % conforming to IEC 60947-2 - 380...415 V AC 50/60 Hz<br>70 KA 100 % conforming to IEC 60947-2 - 440 V AC 50/60 Hz<br>100 KA 100 % conforming to EN 60947-2 - 12...133 V AC 50/60 Hz<br>100 KA 100 % conforming to IEC 60947-2 - 12...133 V AC 50/60 Hz<br>20 KA 100 % conforming to EN 60947-2 - 125...180 V DC<br>20 kA 100 % conforming to IEC 60947-2 - 125...180 V DC |
| 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 EN 60947-2<br>500 V AC 50/60 Hz conforming to IEC 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 | Top or bottom: YES  |
| 9 mm pitches                                     | 6   |
| Height   | 85 mm   |
| Width  | 54 mm   |
| Depth  | 78.5 mm   |
| Net weight                                       | 0.375 kg  |
| Colour   | White   |
| Mechanical durability                            | 20000 cycles  |
| Electrical durability                            | 10000 cycles  |
| Connections - terminals                          | Single terminal (top or bottom) 1...25 mm <sup>2</sup> rigid<br>Single terminal (top or bottom) 1...16 mm <sup>2</sup> flexible |
| Wire stripping length                            | 14 mm for top or bottom connection  |
| Tightening torque                                | 2 N.m top or bottom   |
| Earth-leakage protection                         | Separate block  |



## Environment

|                                       |   |
|---------------------------------------|---|
| IP degree of protection               | IP20 conforming to IEC 60529<br>IP20 conforming to EN 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 % at 55 °C   |
| Operating altitude                    | 0...2000 m  |
| Ambient air temperature for operation | -35...70 °C   |
| Ambient air temperature for storage   | -40...85 °C   |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Weight             | 330 g    |
| Package 1 Height             | 5.3 cm   |
| Package 1 width              | 7.2 cm   |
| Package 1 Length             | 9.4 cm   |
| Unit Type of Package 2       | BB1      |
| Number of Units in Package 2 | 4        |
| Package 2 Weight             | 1.378 kg |
| Package 2 Height             | 10 cm    |
| Package 2 width              | 8 cm     |
| Package 2 Length             | 23 cm    |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           |  <a href="#">REACH Declaration</a>             |
| REACH free of SVHC         | Yes   |
| EU RoHS Directive          | Compliant  <a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes   |
| RoHS exemption information |  <a href="#">Yes</a>                           |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>        |

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|                             |   |
|-----------------------------|---|
| 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 |
| Halogen content performance | Halogen free product  |

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### Contractual warranty

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| Warranty | 18 months |
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