



### Main

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|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Device application        | Distribution                                                                                                                                                                                                                                                                                                                                                                                |
| Range                     | Acti 9                                                                                                                                                                                                                                                                                                                                                                                      |
| Product name              | Acti 9 iC60                                                                                                                                                                                                                                                                                                                                                                                 |
| Product or component type | Miniature circuit-breaker                                                                                                                                                                                                                                                                                                                                                                   |
| Device short name         | IC60L                                                                                                                                                                                                                                                                                                                                                                                       |
| Poles description         | 1P                                                                                                                                                                                                                                                                                                                                                                                          |
| Number of protected poles | 1                                                                                                                                                                                                                                                                                                                                                                                           |
| [In] rated current        | 1 A                                                                                                                                                                                                                                                                                                                                                                                         |
| Network type              | AC<br>DC                                                                                                                                                                                                                                                                                                                                                                                    |
| Trip unit technology      | Thermal-magnetic                                                                                                                                                                                                                                                                                                                                                                            |
| Curve code                | B                                                                                                                                                                                                                                                                                                                                                                                           |
| Breaking capacity         | 100 kA Icu conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz<br>15000 A Icn conforming to EN/IEC 60898-1 - 230 V AC 50/60 Hz<br>100 kA Icu conforming to EN/IEC 60947-2 - 12...60 V AC 50/60 Hz<br>100 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 - 60...72 V DC<br>25 kA Icu conforming to EN/IEC 60947-2 - 12...60 V DC |
| 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                                                                                                                                                                                                                                                                                                                                      |

### Complementary

|                   |          |
|-------------------|----------|
| Network frequency | 50/60 Hz |
|-------------------|----------|

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Magnetic tripping limit                          | 4 x In +/- 20 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| [Ics] rated service breaking capacity            | 100 kA 100 % x Icu conforming to EN 60947-2 - 100...133 V AC 50/60 Hz<br>100 kA 100 % x Icu conforming to IEC 60947-2 - 100...133 V AC 50/60 Hz<br>20 kA 100 % x Icu conforming to EN 60947-2 - 72 V DC<br>20 kA 100 % x Icu conforming to IEC 60947-2 - 72 V DC<br>25 kA 100 % x Icu conforming to EN 60947-2 - 12...60 V DC<br>25 kA 100 % x Icu conforming to IEC 60947-2 - 12...60 V DC<br>7500 A 50 % x Icu conforming to EN 60898-1 - 230 V AC 50/60 Hz<br>7500 A 50 % x Icu conforming to IEC 60898-1 - 230 V AC 50/60 Hz<br>100 kA 100 % x Icu conforming to EN 60947-2 - 12...60 V AC 50/60 Hz<br>100 kA 100 % x Icu conforming to EN 60947-2 - 220...240 V AC 50/60 Hz<br>100 kA 100 % x Icu conforming to IEC 60947-2 - 12...60 V AC 50/60 Hz<br>100 kA 100 % x Icu conforming to IEC 60947-2 - 220...240 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                                     | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Height                                           | 85 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Width                                            | 18 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Depth                                            | 78.5 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Product weight                                   | 0.215 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Colour                                           | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Mechanical durability                            | 20000 cycles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Electrical durability                            | 10000 cycles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Connections - terminals                          | Single terminal, top or bottom rigid wire(s) 1...25 mm² max<br>Single terminal, top or bottom flexible wire(s) 1...16 mm² max                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Wire stripping length                            | 14 mm top or bottom                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Tightening torque                                | 2 N.m top or bottom                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Earth-leakage protection                         | Without                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## 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                                                                                                                                                                         |

Reference not containing SVHC above the threshold

|                                  |                                       |
|----------------------------------|---------------------------------------|
| Product environmental profile    | Available                             |
| Product end of life instructions | Need no specific recycling operations |

### Contractual warranty

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