



### 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         | IC60H                                                                                                                                                                                                                                                                                                                                                                                    |
| Poles description         | 1P                                                                                                                                                                                                                                                                                                                                                                                       |
| Number of protected poles | 1                                                                                                                                                                                                                                                                                                                                                                                        |
| [In] rated current        | 4 A                                                                                                                                                                                                                                                                                                                                                                                      |
| Network type              | AC<br>DC                                                                                                                                                                                                                                                                                                                                                                                 |
| Trip unit technology      | Thermal-magnetic                                                                                                                                                                                                                                                                                                                                                                         |
| Curve code                | C                                                                                                                                                                                                                                                                                                                                                                                        |
| Breaking capacity         | 70 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>10000 A Icn conforming to EN/IEC 60898-1 - 230 V AC 50/60 Hz<br>15 kA Icu conforming to EN/IEC 60947-2 - 60...72 V DC<br>20 kA Icu conforming to EN/IEC 60947-2 - 12...60 V DC |
| Utilisation category      | Category A conforming to EN 60898-1<br>Category A conforming to IEC 60898-1                                                                                                                                                                                                                                                                                                              |
| 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 |
|-------------------|----------|

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| Magnetic tripping limit                | 8 x In +/- 20 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| [Ics] rated service breaking capacity  | 15 kA 100 % x Icu conforming to EN 60947-2 - 72 V DC<br>15 kA 100 % x Icu conforming to IEC 60947-2 - 72 V DC<br>7500 A 75 % x Icu conforming to EN 60898-1 - 230 V AC 50/60 Hz<br>7500 A 75 % x Icu conforming to IEC 60898-1 - 230 V AC 50/60 Hz<br>70 kA 100 % x Icu conforming to IEC 60947-2 - 100...133 V AC 50/60 Hz<br>70 kA 100 % x Icu conforming to EN 60947-2 - 100...133 V AC 50/60 Hz<br>70 kA 100 % x Icu conforming to EN 60947-2 - 12...60 V AC 50/60 Hz<br>70 kA 100 % x Icu conforming to EN 60947-2 - 220...240 V AC 50/60 Hz<br>70 kA 100 % x Icu conforming to IEC 60947-2 - 12...60 V AC 50/60 Hz<br>70 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 support                       | DIN rail                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 9 mm pitches                           | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Height                                 | 91 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Width                                  | 18 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Depth                                  | 78.5 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Product weight                         | 0.125 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Colour                                 | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Mechanical durability                  | 20000 cycles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Electrical durability                  | 10000 cycles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Connections - terminals                | Double terminal, top or bottom rigid wire(s) 1...25 mm² max<br>Double 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                                                           |
| Overvoltage category                  | IV                                                          |
| Tropicalisation                       | 2                                                           |
| Relative humidity                     | 95 % ( 55 °C )                                              |
| 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 1650 - 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                                                                                                                                                                                                                 |
| Product end of life instructions | Need no specific recycling operations                                                                                                                                                                                     |

## Contractual warranty

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