

# Product datasheet

Specifications



Miniature circuit breaker (MCB),  
Acti9 iC60H, 1P, 63A, C curve,  
10000A (IEC/EN 60898-1), 15kA  
(IEC/EN 60947-2)

A9F84163

## Main

|                           |  |
|---------------------------|--|
| Device Application        | Distribution   |
| Range                     | Acti9  |
| Product Name              | Acti9 iC60   |
| Product Or Component Type | Miniature circuit-breaker  |
| Device Short Name         | iC60H  |
| Poles Description         | 1P   |
| Number Of Protected Poles | 1  |
| [In] Rated Current        | 63 A   |
| Network Type              | DC<br>AC   |
| Trip Unit Technology      | Thermal-magnetic   |
| Curve Code                | C  |
| Breaking Capacity         | 10000 A Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1<br>15 kA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>42 kA Icu at 12...60 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>30 kA Icu at 100...133 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>15 kA Icu at 60...72 V DC conforming to EN/IEC 60947-2<br>20 kA Icu at 12...60 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 60898-1<br>Yes conforming to EN 60947-2<br>Yes conforming to IEC 60898-1<br>Yes conforming to IEC 60947-2   |
| Standards                 | EN 60947-2<br>EN 60898-1<br>IEC 60898-1<br>IEC 60947-2   |

## Complementary

|                         |                 |
|-------------------------|-----------------|
| Network Frequency       | 50/60 Hz        |
| Magnetic Tripping Limit | 8 x In +/- 20 % |

|   |  |
|---|--|
| <b>[Ics] Rated Service Breaking Capacity</b>            | 21 kA 50 % conforming to EN 60947-2 - 12...60 V AC 50/60 Hz<br>7.5 kA 50 % conforming to EN 60947-2 - 220...240 V AC 50/60 Hz<br>21 kA 50 % conforming to IEC 60947-2 - 12...60 V AC 50/60 Hz<br>7.5 kA 50 % conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz<br>7500 A 75 % conforming to EN 60898-1 - 230 V AC 50/60 Hz<br>7500 A 75 % conforming to IEC 60898-1 - 230 V AC 50/60 Hz<br>15 kA 50 % conforming to IEC 60947-2 - 100...133 V AC 50/60 Hz<br>15 kA 50 % conforming to EN 60947-2 - 100...133 V AC 50/60 Hz<br>15 kA 100 % conforming to EN 60947-2 - 72 V DC<br>15 kA 100 % conforming to IEC 60947-2 - 72 V DC<br>20 kA 100 % conforming to EN 60947-2 - 12...60 V DC<br>20 kA 100 % conforming to IEC 60947-2 - 12...60 V DC |
| <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>                                     | 2  |
| <b>Height</b>   | 85 mm  |
| <b>Width</b>  | 18 mm  |
| <b>Depth</b>  | 78.5 mm  |
| <b>Net Weight</b>                                       | 0.215 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>                         | Without  |

## 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

|                              |           |
|------------------------------|-----------|
| Unit Type Of Package 1       | PCE       |
| Number Of Units In Package 1 | 1         |
| Package 1 Height             | 7.500 cm  |
| Package 1 Width              | 1.800 cm  |
| Package 1 Length             | 9.400 cm  |
| Package 1 Weight             | 132.000 g |
| Unit Type Of Package 2       | BB1       |
| Number Of Units In Package 2 | 12        |
| Package 2 Height             | 8.000 cm  |
| Package 2 Width              | 9.800 cm  |
| Package 2 Length             | 22.500 cm |
| Package 2 Weight             | 1.654 kg  |
| Unit Type Of Package 3       | S03       |
| Number Of Units In Package 3 | 132       |
| Package 3 Height             | 30.000 cm |
| Package 3 Width              | 30.000 cm |
| Package 3 Length             | 40.000 cm |
| Package 3 Weight             | 18.748 kg |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 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.

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Transparency RoHS/REACH

## Well-being performance

- Reach Free Of Svhc
- Toxic Heavy Metal Free
- Mercury Free
- Rohs Exemption Information [Yes](#)

## Certifications & Standards

|                          |   |
|--------------------------|---|
| Reach Regulation         | <a href="#">REACH Declaration</a>   |
| Eu Rohs Directive        | Compliant<br><a href="#">EU RoHS Declaration</a>  |
| China Rohs Regulation    | <a href="#">China RoHS declaration</a><br>Pro-active China RoHS declaration (out of China RoHS legal scope)                 |
| 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 |

