

# Product datasheet

Specifications



Miniature circuit breaker (MCB),  
Acti9 iC60N, 3P, 1A, D curve,  
6000A (IEC/EN 60898-1), 50kA  
(IEC/EN 60947-2)

A9F75301

## Main

|                           |  |
|---------------------------|--|
| Device application        | Distribution   |
| Range                     | Acti9  |
| Product name              | Acti9 iC60   |
| Product or component type | Miniature circuit-breaker  |
| Device short name         | IC60N  |
| poles description         | 3P   |
| Number of protected poles | 3  |
| [In] rated current        | 1 A  |
| Network type              | AC<br>DC   |
| Trip unit technology      | Thermal-magnetic   |
| Curve code                | D  |
| Breaking capacity         | 6000 A Icn at 400 V AC 50/60 Hz conforming to EN/IEC 60898-1<br>50 kA Icu at 12...60 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>50 kA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>50 kA Icu at 100...133 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>50 kA Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>25 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>10 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 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>IEC 60898-1<br>IEC 60947-2<br>EN 60898-1   |

## Complementary

|                         |                  |
|-------------------------|------------------|
| Network frequency       | 50/60 Hz         |
| Magnetic tripping limit | 12 x In +/- 20 % |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|   |  |
|---|--|
| <b>[Ics] rated service breaking capacity</b>            | 50 kA 100 % conforming to EN 60947-2 - 220...240 V AC 50/60 Hz<br>50 kA 100 % conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz<br>50 kA 100 % conforming to EN 60947-2 - 380...415 V AC 50/60 Hz<br>25 kA 100 % conforming to EN 60947-2 - 440 V AC 50/60 Hz<br>50 kA 100 % conforming to IEC 60947-2 - 380...415 V AC 50/60 Hz<br>25 kA 100 % conforming to IEC 60947-2 - 440 V AC 50/60 Hz<br>50 kA 100 % conforming to IEC 60947-2 - 12...133 V AC 50/60 Hz<br>50 kA 100 % conforming to EN 60947-2 - 12...133 V AC 50/60 Hz<br>6000 A 100 % conforming to EN 60898-1 - 400 V AC 50/60 Hz<br>6000 A 100 % conforming to IEC 60898-1 - 400 V AC 50/60 Hz<br>10 kA 100 % conforming to IEC 60947-2 - 125...180 V DC<br>10 kA 100 % conforming to EN 60947-2 - 125...180 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>                                     | 6  |
| <b>Height</b>   | 85 mm  |
| <b>Width</b>  | 54 mm  |
| <b>Depth</b>  | 78.5 mm  |
| <b>Net weight</b>                                       | 0.375 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...25 mm <sup>2</sup> rigid<br>Single terminal (top or bottom) 1...16 mm <sup>2</sup> flexible  |
| <b>Wire stripping length</b>                            | 14 mm for top or bottom connection   |
| <b>Tightening torque</b>                                | 2 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>             | 7.5 cm    |
| <b>Package 1 Width</b>              | 5.2 cm    |
| <b>Package 1 Length</b>             | 9.5 cm    |
| <b>Package 1 Weight</b>             | 340.0 g   |
| <b>Unit Type of Package 2</b>       | BB1       |
| <b>Number of Units in Package 2</b> | 4         |
| <b>Package 2 Height</b>             | 8.0 cm    |
| <b>Package 2 Width</b>              | 9.8 cm    |
| <b>Package 2 Length</b>             | 22.5 cm   |
| <b>Package 2 Weight</b>             | 1.423 kg  |
| <b>Unit Type of Package 3</b>       | S03       |
| <b>Number of Units in Package 3</b> | 44        |
| <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>             | 16.144 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

Mercury Free

Rohs Exemption Information Yes

Halogen Free Product

## Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure [Product Environmental Profile](#)

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