# Product datasheet

Specifications



## Miniature circuit-breaker. Acti9 iC60H. 3P. 25 A. C curve. 10000 A (IEC 60898-1). 15 kA (IEC 60947-2)

A9F87325

**Price: 1,918.66 ZAR**

## Main

| | |
|---|---|
| **Device Application** | Distribution |
| **Range** | Acti9 |
| **Product Name** | Acti9 iC60 |
| **Product Or Component Type** | Miniature circuit-breaker |
| **Device Short Name** | iC60H |
| **Poles Description** | 3P |
| **Number Of Protected Poles** | 3 |
| **[In] Rated Current** | 25 A |
| **Network Type** | DC<br>AC |
| **Trip Unit Technology** | Thermal-magnetic |
| **Curve Code** | C |
| **Breaking Capacity** | 10000 A Icn at 400 V AC 50/60 Hz conforming to EN/IEC 60898-1<br>42 kA Icu at 12...60 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>10 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>15 kA Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>30 kA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>42 kA Icu at 100...133 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>15 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** | IEC 60947-2<br>EN 60947-2<br>EN 60898-1<br>IEC 60898-1 |
| **Quality Labels** | NF |

## Complementary

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

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

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|---|---|
| **[Ics] Rated Service Breaking Capacity** | 15 kA 50 % conforming to EN 60947-2 - 220...240 V AC 50/60 Hz<br>7.5 kA 50 % conforming to EN 60947-2 - 380...415 V AC 50/60 Hz<br>5 kA 50 % conforming to EN 60947-2 - 440 V AC 50/60 Hz<br>15 kA 50 % conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz<br>7.5 kA 50 % conforming to IEC 60947-2 - 380...415 V AC 50/60 Hz<br>5 kA 50 % conforming to IEC 60947-2 - 440 V AC 50/60 Hz<br>7500 A 75 % conforming to EN 60898-1 - 400 V AC 50/60 Hz<br>7500 A 75 % conforming to IEC 60898-1 - 400 V AC 50/60 Hz<br>21 kA 50 % conforming to IEC 60947-2 - 12...133 V AC 50/60 Hz<br>21 kA 50 % conforming to EN 60947-2 - 12...133 V AC 50/60 Hz<br>15 kA 100 % conforming to IEC 60947-2 - 125...180 V DC<br>15 kA 100 % conforming to EN 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 $mm^2$ rigid<br>Single terminal (top or bottom) 1…16 $mm^2$ 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

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|---|---|
| **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

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|---|---|
| **Unit Type Of Package 1** | PCE |
| **Number Of Units In Package 1** | 1 |
| **Package 1 Height** | 5.400 cm |
| **Package 1 Width** | 7.500 cm |
| **Package 1 Length** | 9.500 cm |
| **Package 1 Weight** | 347.000 g |
| **Unit Type Of Package 2** | BB1 |
| **Number Of Units In Package 2** | 4 |
| **Package 2 Height** | 8.200 cm |
| **Package 2 Width** | 9.800 cm |
| **Package 2 Length** | 22.200 cm |
| **Package 2 Weight** | 1.458 kg |
| **Unit Type Of Package 3** | S03 |
| **Number Of Units In Package 3** | 44 |
| **Package 3 Height** | 30.000 cm |
| **Package 3 Width** | 30.000 cm |
| **Package 3 Length** | 40.000 cm |
| **Package 3 Weight** | 16.525 kg |

## Contractual warranty

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|---|---|
| **Warranty** | 18 months |

## Sustainability

**Green Premium$^{TM}$ 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-$CO_2$ products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Transparency



RoHS/REACh

## Well-being performance

| | |
|---|---|
| Mercury Free | |
| Rohs Exemption Information | Yes |
| Halogen Free Product | |

## Certifications & Standards

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|---|---|
| **Reach Regulation** | REACh Declaration |
| **Eu Rohs Directive** | Compliant with Exemptions |
| **China Rohs Regulation** | China RoHS declaration<br>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 |