# Product datasheet

Specifications

## Acti9 iC60H 4P 6A C Miniature Circuit breaker

A9F54406

## Main

| | |
|---|---|
| **Range** | Acti9 |
| **Product Name** | Disbo iC60 |
| **Product Or Component Type** | Miniature circuit-breaker |
| **Device Short Name** | iC60H |
| **Poles Description** | 4P |
| **Number Of Protected Poles** | 4 |
| **[In] Rated Current** | 6 A |
| **Network Type** | AC/DC |
| **Trip Unit Technology** | Thermal-magnetic |
| **Curve Code** | C |
| **Breaking Capacity** | 15 kA Icu at <= 250 V DC conforming to EN/IEC 60947-2<br>10000 A Icn at 415 V AC 50/60 Hz conforming to EN/IEC 60898-1<br>42 kA Icu at 12...133 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>15 kA Icu at 380...415 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 |
| **Utilisation Category** | Category A conforming to EN/IEC 60947-2 |

## Complementary

| | |
|---|---|
| **Network Frequency** | 50/60 Hz |
| **Magnetic Tripping Limit** | 8 x In +/- 20 % |
| **[Ics] Rated Service Breaking Capacity** | 21 kA 50 % conforming to EN/IEC 60947-2 - 12...133 V AC 50/60 Hz<br>15 kA 50 % conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz<br>7.5 kA 50 % conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz<br>5 kA 50 % conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz<br>7500 A 75 % conforming to EN/IEC 60898-1 - 415 V AC 50/60 Hz<br>10 kA 100 % conforming to EN/IEC 60947-2 - 100...133 V DC |
| **Limitation Class** | 3 conforming to EN/IEC 60947-2 |
| **[Ui] Rated Insulation Voltage** | 500 V AC 50/60 Hz conforming to EN/IEC 60947-2 |
| **[Uimp] Rated Impulse Withstand Voltage** | 6 kV conforming to EN/IEC 60947-2 |
| **Contact Position Indicator** | Yes |
| **Control Type** | Toggle |
| **Local Signalling** | Trip indicator |
| **Mounting Mode** | Clip-on |
| **Mounting Support** | Rail |
| **9 Mm Pitches** | 8 |

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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

| | |
|---|---|
| **Height** | 85 mm |
| **Width** | 72 mm |
| **Depth** | 78.5 mm |
| **Net Weight** | 0.5 kg |
| **Colour** | White |
| **Mechanical Durability** | 20000 cycles |
| **Electrical Durability** | 10000 cycles |
| **Provision For Padlocking** | Padlockable |
| **Connections - Terminals** | Single terminal (top or bottom) 1…25 mm² rigid<br>Single terminal (top or bottom) 1…16 mm² 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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|---|---|
| **Standards** | EN/IEC 60947-2<br>EN/IEC 60898-1 |
| **Ip Degree Of Protection** | IP20 conforming to IEC 60529 |
| **Pollution Degree** | 3 conforming to EN/IEC 60947-2 |
| **Tropicalisation** | 2 conforming to IEC 60068-1 |
| **Relative Humidity** | 95 % at 55 °C |
| **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** | 7.2 cm |
| **Package 1 Width** | 7.5 cm |
| **Package 1 Length** | 9.0 cm |
| **Package 1 Weight** | 430.0 g |
| **Unit Type Of Package 2** | BB1 |
| **Number Of Units In Package 2** | 3 |
| **Package 2 Height** | 8.5 cm |
| **Package 2 Width** | 9.8 cm |
| **Package 2 Length** | 22.0 cm |
| **Package 2 Weight** | 1.337 kg |
| **Unit Type Of Package 3** | S03 |
| **Number Of Units In Package 3** | 33 |
| **Package 3 Height** | 30.0 cm |
| **Package 3 Width** | 30.0 cm |
| **Package 3 Length** | 40.0 cm |

| | |
|---|---|
| **Package 3 Weight** | 15.326 kg |

## Sustainability

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**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

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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 |