# Product datasheet

Specifications

# Acti9 iC60H 4P 2A B Miniature Circuit breaker

**Local distributor code: 396790723** A9F53402

**EAN Code : 3606480514579**

## Main

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|---|---|
| **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** | 2 A |
| **Network type** | AC |
| **Trip unit technology** | Thermal-magnetic |
| **Curve code** | B |
| **Breaking capacity** | 70 kA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>70 kA Icu at 12...133 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>70 kA Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>50 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>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 |
| **Utilisation category** | Category A conforming to EN/IEC 60947-2 |

## Complementary

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|---|---|
| **Network frequency** | 50/60 Hz |
| **[Ue] rated operational voltage** | 440 V AC 50/60 Hz |
| **Magnetic tripping limit** | 4 x In +/- 20 % |
| **[Ics] rated service breaking capacity** | 70 kA 100 % conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz<br>70 kA 100 % conforming to EN/IEC 60947-2 - 12...133 V AC 50/60 Hz<br>70 kA 100 % conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz<br>50 kA 100 % 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 |

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

| | |
|---|---|
| **Mounting mode** | Clip-on |
| **Mounting support** | Rail |
| **9 mm pitches** | 8 |
| **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** | 442.0 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** | 1.384 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** | 15.711 kg |

## Offer Sustainability

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|---|---|
| **Sustainable offer status** | Green Premium product |
| **REACh Regulation** | REACh Declaration |
| **EU RoHS Directive** | Compliant<br>EU RoHS Declaration |
| **Mercury free** | Yes |
| **China RoHS Regulation** | China RoHS declaration<br>Product out of China RoHS scope. Substance declaration for your information |
| **RoHS exemption information** | Yes |
| **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 |
| **Halogen content performance** | Halogen free product |

## Contractual warranty

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

### Recommended replacement(s)