# Product datasheet

Specifications

## Residual current breaker with overcurrent protection (RCBO), Acti9 iC60H2 RCBO, 2P, 16A, 30mA, A type, 10000A

A9D11216

## Main

| | |
|---|---|
| **Circuit Breaker Application** | Distribution |
| **Range** | Acti9 |
| **Product Name** | Acti9 iC60 RCBO |
| **Product Or Component Type** | Residual current breaker with overcurrent protection (RCBO) |
| **Device Short Name** | iC60H2 RCBO |
| **Poles Description** | 2P |
| **[In] Rated Current** | 16 A at 50 °C |
| **Earthing System** | TN<br>TT<br>IT |
| **Curve Code** | C |
| **Earth-Leakage Sensitivity** | 30 mA |
| **Breaking Capacity** | 10000 A Icn at 230/240 V AC 50/60 Hz |

## Complementary

| | |
|---|---|
| **Neutral Position** | Left |
| **Number Of Protected Poles** | 2 |
| **Device Location In System** | Outgoer |
| **Network Frequency** | 50 Hz |
| **Network Type** | AC |
| **Trip Unit Technology** | Thermal-magnetic |
| **[Ue] Rated Operational Voltage** | 230/240 V AC 50/60 Hz |
| **Residual Current Tripping Technology** | Voltage dependent |
| **Earth-Leakage Protection Time Delay** | Instantaneous |
| **Earth-Leakage Protection Class** | Type A |
| **[Icw] Rated Short-Time Withstand Current** | Icw: 250 A during 8/20 µs impulse withstand |
| **[Ics] Rated Service Breaking Capacity** | 7500 A at 230/240 V AC 50/60 Hz |
| **Limitation Class** | 3 |
| **[Ui] Rated Insulation Voltage** | 400 V AC 50/60 Hz |
| **[Uimp] Rated Impulse Withstand Voltage** | 4 kV |
| **Surge Current** | 250 A |

| | |
|---|---|
| **Suitability For Isolation** | Yes |
| **Contact Position Indicator** | Yes |
| **Control Type** | Toggle |
| **Local Signalling** | ON/OFF indication |
| **Mounting Mode** | Clip-on |
| **Mounting Support** | DIN rail |
| **Comb Busbar And Distribution Block Compatibility** | NO |
| **9 Mm Pitches** | 4 |
| **Height** | 110 mm |
| **Width** | 36 mm |
| **Depth** | 75.5 mm |
| **Net Weight** | 332 g |
| **Colour** | White |
| **Mechanical Durability** | 20000 cycles |
| **Electrical Durability** | 5000 cycles |
| **Provision For Padlocking** | Padlockable with padlock Ø 4 mm |
| **Locking Options Description** | ON/OFF locking facilities |
| **Connections - Terminals** | Screw clamp terminal (top) 1…25 mm² rigid without cable end<br>Screw clamp terminal (top) 1…16 mm² flexible<br>Screw clamp terminal (bottom) 1…16 mm² rigid without cable end<br>Screw clamp terminal (bottom) 1…10 mm² flexible |
| **Wire Stripping Length** | Power circuit: 13 mm for bottom connection<br>Power circuit: 14 mm for top connection |
| **Tightening Torque** | Power circuit: 3.5 N.m top<br>Power circuit: 2 N.m bottom |
| **Earth-Leakage Protection** | Integrated |

## Environment

| | |
|---|---|
| **Standards** | IEC 61009-1<br>IEC 61009-2-2<br>AS/NZS 61009.1 |
| **Ip Degree Of Protection** | IP20 |
| **Tropicalisation** | 2 |
| **Relative Humidity** | 95 % at 55 °C |
| **Ambient Air Temperature For Operation** | -15…60 °C |
| **Ambient Air Temperature For Storage** | -40…85 °C |

## Packing Units

| | |
|---|---|
| **Unit Type Of Package 1** | PCE |
| **Number Of Units In Package 1** | 1 |
| **Package 1 Height** | 13.6 cm |
| **Package 1 Width** | 4.4 cm |
| **Package 1 Length** | 9.2 cm |
| **Package 1 Weight** | 306.0 g |

| | |
|---|---|
| **Unit Type Of Package 2** | S02 |
| **Number Of Units In Package 2** | 27 |
| **Package 2 Height** | 15.0 cm |
| **Package 2 Width** | 30.0 cm |
| **Package 2 Length** | 40.0 cm |
| **Package 2 Weight** | 8.668 kg |
| **Unit Type Of Package 3** | P12 |
| **Number Of Units In Package 3** | 864 |
| **Package 3 Height** | 70.0 cm |
| **Package 3 Width** | 120.0 cm |
| **Package 3 Length** | 80.0 cm |
| **Package 3 Weight** | 276.384 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.

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Guide to assess a product's sustainability >

Transparency

RoHS/REACh

## Well-being performance

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

## Certifications & Standards

| | |
|---|---|
| **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<br>Circularity Profile |