# Product datasheet

Specifications

Green Premium™

## Miniature circuit-breaker, Acti9 iK60N, 1P, 63 A, C curve, 6000 A (IEC 60898-1)

A9K24163

## Main

| | |
|---|---|
| **Device Application** | Distribution |
| **Range** | Acti9 |
| **Product Name** | Acti9 iK60 |
| **Product Or Component Type** | Miniature circuit-breaker |
| **Device Short Name** | iK60N |
| **Poles Description** | 1P |
| **Number Of Protected Poles** | 1 |
| **[In] Rated Current** | 63 A at 30 °C |
| **Network Type** | AC |
| **Trip Unit Technology** | Thermal-magnetic |
| **Curve Code** | C |
| **Breaking Capacity** | 6000 A Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1 |
| **Suitability For Isolation** | Yes conforming to EN/IEC 60898-1 |
| **Standards** | EN/IEC 60898-1 |

## Complementary

| | |
|---|---|
| **Network Frequency** | 50/60 Hz |
| **Magnetic Tripping Limit** | 5...10 x In |
| **[Ics] Rated Service Breaking Capacity** | 6000 A 100 % conforming to EN/IEC 60898-1 - 230 V AC 50/60 Hz |
| **Limitation Class** | 3 conforming to EN/IEC 60898-1 |
| **[Ui] Rated Insulation Voltage** | 440 V AC 50/60 Hz conforming to EN/IEC 60898-1 |
| **[Uimp] Rated Impulse Withstand Voltage** | 4 kV conforming to EN/IEC 60898-1 |
| **Contact Position Indicator** | No |
| **Control Type** | Toggle |
| **Local Signalling** | ON/OFF indication |
| **Mounting Mode** | Clip-on |
| **Mounting Support** | DIN rail |
| **9 Mm Pitches** | 2 |
| **Height** | 85 mm |
| **Width** | 18 mm |
| **Depth** | 78.5 mm |

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

| | |
|---|---|
| **Net Weight** | 100 g |
| **Colour** | White |
| **Mechanical Durability** | 20000 cycles |
| **Electrical Durability** | 10000 cycles |
| **Locking Options Description** | Padlocking device |
| **Connections - Terminals** | Tunnel type terminal (top or bottom) 1…35 mm² rigid<br>Tunnel type terminal (top or bottom) 1…25 mm² flexible |
| **Wire Stripping Length** | 14 mm for top or bottom connection |
| **Tightening Torque** | 3.5 N.m top or bottom |
| **Earth-Leakage Protection** | Without |

## Environment

| | |
|---|---|
| **Ip Degree Of Protection** | IP20 conforming to IEC 60529 |
| **Pollution Degree** | 2 conforming to EN/IEC 60898-1 |
| **Overvoltage Category** | II |
| **Ambient Air Temperature For Operation** | -25…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** | 1.8 cm |
| **Package 1 Width** | 7.5 cm |
| **Package 1 Length** | 9.4 cm |
| **Package 1 Weight** | 130 g |
| **Unit Type Of Package 2** | BB1 |
| **Number Of Units In Package 2** | 12 |
| **Package 2 Height** | 9.8 cm |
| **Package 2 Width** | 8 cm |
| **Package 2 Length** | 22.5 cm |
| **Package 2 Weight** | 1.61 kg |
| **Unit Type Of Package 3** | S03 |
| **Number Of Units In Package 3** | 132 |
| **Package 3 Height** | 30 cm |
| **Package 3 Width** | 30 cm |
| **Package 3 Length** | 40 cm |
| **Package 3 Weight** | 18.197 kg |

## Contractual warranty

| | |
|---|---|
| **Warranty** | 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-$CO_2$ 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<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 |