# **Product datasheet**

Specifications





# Miniature circuit-breaker, Acti9 iK60N, 1P, 32 A, C curve, 6000 A (IEC 60898-1)

A9K24132

#### 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        | 32 A at 30 °C  |
| Network Type              | AC   |
| Trip Unit Technology      | Thermal-magnetic   |
| Curve Code                | С  |
| 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

| e emprementar y                           |   |
|---|---|
| Network Frequency                         | 50/60 Hz  |
| Magnetic Tripping Limit                   | 510 x ln  |
| [Ics] Rated Service Breaking<br>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<br>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.

| 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) 125 mm² rigid<br>Tunnel type terminal (top or bottom) 116 mm² flexible |
| Wire Stripping Length       | 14 mm for top or bottom connection  |
| Tightening Torque           | 2 N.m top or bottom   |
| Earth-Leakage Protection    | Without   |

#### Environment

| Ip Degree Of Protection                  | IP20 conforming to IEC 60529 |
|--|------------------------------|
| Pollution Degree                         | conforming to EN/IEC 60898-1 |
| Overvoltage Category                     | III                          |
| Ambient Air Temperature For<br>Operation | -2560 °C                     |
| Ambient Air Temperature For<br>Storage   | -4085 °C                     |

## **Packing Units**

| Unit Type Of Package 1       | PCE       |
|------------------------------|-----------|
| Number Of Units In Package 1 | 1         |
| Package 1 Height             | 7.5 cm    |
| Package 1 Width              | 1.8 cm    |
| Package 1 Length             | 9.5 cm    |
| Package 1 Weight             | 103.0 g   |
| Unit Type Of Package 2       | BB1       |
| Number Of Units In Package 2 | 12        |
| Package 2 Height             | 8.0 cm    |
| Package 2 Width              | 9.8 cm    |
| Package 2 Length             | 22.0 cm   |
| Package 2 Weight             | 1.301 kg  |
| Unit Type Of Package 3       | S03       |
| Number Of Units In Package 3 | 132       |
| Package 3 Height             | 30.0 cm   |
| Package 3 Width              | 30.0 cm   |
| Package 3 Length             | 40.0 cm   |
| Package 3 Weight             | 14.798 kg |

## **Contractual warranty**

Warranty

18 months

# Sustainability Screen

**Green Premium<sup>TM</sup> label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> 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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Guide to assess a product's sustainability >



Transparency RoHS/REACh

#### Well-being performance

Reach Free Of Svhc

| Toxic Heavy Metal Free     |     |
|----------------------------|-----|
| Mercury Free               |     |
| Rohs Exemption Information | Yes |

### **Certifications & Standards**

| Reach Regulation         | REACh Declaration   |
|--------------------------|---|
| Eu Rohs Directive        | Compliant<br>EU RoHS Declaration  |
| China Rohs Regulation    | China RoHS declaration<br>Pro-active China RoHS declaration (out of China RoHS legal scope)                                 |
| 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  |