

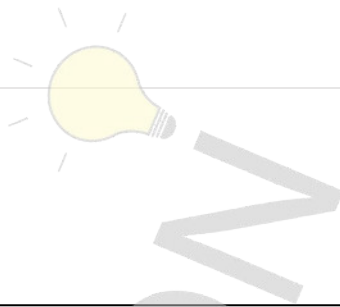
# Product datasheet

Specifications



## miniature circuit breaker - iK60N - 1P - 25 A - C curve

A9K24125



### 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        | 25 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                                |
| [Uij] 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   |

|                                    |   |
|------------------------------------|---|
| <b>Net Weight</b>                  | 100 g   |
| <b>Colour</b>                      | White   |
| <b>Mechanical Durability</b>       | 20000 cycles  |
| <b>Electrical Durability</b>       | 10000 cycles  |
| <b>Locking Options Description</b> | Padlocking device   |
| <b>Connections - Terminals</b>     | Tunnel type terminal (top or bottom) 1...25 mm <sup>2</sup> rigid<br>Tunnel type terminal (top or bottom) 1...16 mm <sup>2</sup> flexible |
| <b>Wire Stripping Length</b>       | 14 mm for top or bottom connection  |
| <b>Tightening Torque</b>           | 2 N.m top or bottom   |
| <b>Earth-Leakage Protection</b>    | Without   |

## Environment

|  |                                |
|--|--------------------------------|
| <b>Ip Degree Of Protection</b>               | IP20 conforming to IEC 60529   |
| <b>Pollution Degree</b>                      | 2 conforming to EN/IEC 60898-1 |
| <b>Overvoltage Category</b>                  | III                            |
| <b>Ambient Air Temperature For Operation</b> | -25...60 °C                    |
| <b>Ambient Air Temperature For Storage</b>   | -40...85 °C                    |

## Packing Units

|                                     |           |
|-------------------------------------|-----------|
| <b>Unit Type Of Package 1</b>       | PCE       |
| <b>Number Of Units In Package 1</b> | 1         |
| <b>Package 1 Height</b>             | 2.000 cm  |
| <b>Package 1 Width</b>              | 7.500 cm  |
| <b>Package 1 Length</b>             | 9.500 cm  |
| <b>Package 1 Weight</b>             | 101.500 g |
| <b>Unit Type Of Package 2</b>       | BB1       |
| <b>Number Of Units In Package 2</b> | 12        |
| <b>Package 2 Height</b>             | 8.500 cm  |
| <b>Package 2 Width</b>              | 9.500 cm  |
| <b>Package 2 Length</b>             | 22.000 cm |
| <b>Package 2 Weight</b>             | 1.261 kg  |
| <b>Unit Type Of Package 3</b>       | S03       |
| <b>Number Of Units In Package 3</b> | 132       |
| <b>Package 3 Height</b>             | 30.000 cm |
| <b>Package 3 Width</b>              | 30.000 cm |
| <b>Package 3 Length</b>             | 40.000 cm |
| <b>Package 3 Weight</b>             | 14.410 kg |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| <b>Warranty</b> | 12 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<sub>2</sub> products.

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Transparency RoHS/REACH

## Well-being performance

- Reach Free Of Svhc
- Toxic Heavy Metal Free
- Mercury Free
- Rohs Exemption Information [Yes](#)

## Certifications & Standards

|                          |   |
|--------------------------|---|
| Reach Regulation         | <a href="#">REACH Declaration</a>   |
| Eu Rohs Directive        | Compliant<br><a href="#">EU RoHS Declaration</a>  |
| China Rohs Regulation    | <a href="#">China RoHS declaration</a><br>Pro-active China RoHS declaration (out of China RoHS legal scope)                 |
| Environmental Disclosure | <a href="#">Product Environmental Profile</a>   |
| Weee                     | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |