

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 |
| [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 |

| | |
|------------------------------------|---|
| 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...25 mm ² rigid Tunnel type terminal (top or bottom) 1...16 mm ² 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 | 2 conforming to EN/IEC 60898-1 |
| Overvoltage category | III |
| 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 | 2.000 cm |
| Package 1 Width | 7.500 cm |
| Package 1 Length | 9.500 cm |
| Package 1 Weight | 101.500 g |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 12 |
| Package 2 Height | 8.500 cm |
| Package 2 Width | 9.500 cm |
| Package 2 Length | 22.000 cm |
| Package 2 Weight | 1.261 kg |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 132 |
| Package 3 Height | 30.000 cm |
| Package 3 Width | 30.000 cm |
| Package 3 Length | 40.000 cm |
| Package 3 Weight | 14.410 kg |

Contractual warranty

| | |
|-----------------|-----------|
| Warranty | 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-CO₂ 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

Reach Free Of Svhc

Toxic Heavy Metal Free

Mercury Free

Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant
[EU RoHS Declaration](#)

China Rohs Regulation [China RoHS declaration](#)
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