

Product datasheet

Specifications



Acti9 K60N 1P - 6 A - C curve 6000 A

A9K02106

Main

| | |
|---------------------------|--|
| Device application | Distribution |
| Range | Acti9 |
| Product name | Acti9 K60 |
| Product or component type | Miniature circuit-breaker |
| Device short name | K60N |
| poles description | 1P |
| Number of protected poles | 1 |
| [In] rated current | 6 A |
| 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 |
| Utilisation category | Category A conforming to IEC 60947-2 |
| Suitability for isolation | Yes conforming to EN/IEC 60898-1 |
| Standards | EN/IEC 60898-1 |
| product certifications | VDE OVE |

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 | Without |
| mounting mode | Fixed |
| mounting support | DIN rail |
| Comb busbar and distribution block compatibility | Downside: biconnect |

| | |
|--------------------------|--|
| 9 mm pitches | 2 |
| Height | 81 mm |
| Width | 18 mm |
| Depth | 70 mm |
| Net weight | 0.12 kg |
| Colour | White |
| Mechanical durability | 20000 cycles |
| Electrical durability | 20000 cycles |
| Connections - terminals | Tunnel type terminals (downstream) 0.5...35 mm ² rigid Tunnel type terminals (upstream) 0.5...35 mm ² rigid Tunnel type terminals (downstream) 0.5...25 mm ² flexible Tunnel type terminals (upstream) 0.5...25 mm ² 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 IEC 60898-1 2 conforming to EN 60898-1 |
| Overvoltage category | II |
| Tropicalisation | 2 conforming to IEC 60068-1 |
| Relative humidity | 95 % at 55 °C |
| Operating altitude | 0...2000 m |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -40...70 °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 | 8.5 cm |
| Package 1 Weight | 106 g |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 12 |
| Package 2 Height | 8 cm |
| Package 2 Width | 8.8 cm |
| Package 2 Length | 22 cm |
| Package 2 Weight | 1.314 kg |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 144 |
| Package 3 Height | 30 cm |

| | |
|-----------------|-------|
| Package 3 Width | 30 cm |
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| Package 3 Length | 40 cm |
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| Package 3 Weight | 16.314 kg |
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Contractual warranty

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|----------|-----------|
| 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 >](#)



Lower Impact Materials Transparency RoHS/REACH

Resource performance

✓ Minimum Percentage Of Recycled Plastic Content 56

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](#)
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