

# Product datasheet

Specifications



## Acti9 K60N 1P - 6 A - B curve 6000 A

A9K01106

### 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                | B  |
| 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<br>OVE   |

### Complementary

|  |   |
|--|---|
| Network Frequency                                | 50/60 Hz  |
| Magnetic Tripping Limit                          | 3...5 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 <sup>2</sup> rigid<br>Tunnel type terminals (upstream) 0.5...35 mm <sup>2</sup> rigid<br>Tunnel type terminals (downstream) 0.5...25 mm <sup>2</sup> flexible<br>Tunnel type terminals (upstream) 0.5...25 mm <sup>2</sup> 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<br>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   | -25...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             | 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              | 9 cm     |
| Package 2 Length             | 22 cm    |
| Package 2 Weight             | 1.346 kg |
| Unit Type Of Package 3       | S03      |
| Number Of Units In Package 3 | 144      |
| Package 3 Height             | 30 cm    |

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|                 |       |
|-----------------|-------|
| Package 3 Width | 30 cm |
|-----------------|-------|

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|                  |       |
|------------------|-------|
| Package 3 Length | 40 cm |
|------------------|-------|

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|                  |           |
|------------------|-----------|
| Package 3 Weight | 16.325 kg |
|------------------|-----------|

## Contractual warranty

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|          |           |
|----------|-----------|
| 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<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.

[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