



### Main

|                           |                                                              |
|---------------------------|--------------------------------------------------------------|
| Device application        | Distribution                                                 |
| Range                     | Acti 9                                                       |
| Product name              | Acti9 K60                                                    |
| Product or component type | Miniature circuit-breaker                                    |
| Device short name         | K60N                                                         |
| Poles description         | 3P                                                           |
| Number of protected poles | 3                                                            |
| [In] rated current        | 25 A                                                         |
| Network type              | AC                                                           |
| Trip unit technology      | Thermal-magnetic                                             |
| Curve code                | B                                                            |
| Breaking capacity         | 6000 A Icn at 400 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    | OVE<br>VDE                                                   |

### 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 - 400 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                                     | 6                                                                                                                                                                                                                                                                                  |
| Height                                           | 81 mm                                                                                                                                                                                                                                                                              |
| Width                                            | 54 mm                                                                                                                                                                                                                                                                              |
| Depth                                            | 70 mm                                                                                                                                                                                                                                                                              |
| Net weight                                       | 0.36 kg                                                                                                                                                                                                                                                                            |
| Colour                                           | White                                                                                                                                                                                                                                                                              |
| Mechanical durability                            | 20000 cycles                                                                                                                                                                                                                                                                       |
| Electrical durability                            | 10000 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                                                                                                                                                                                                                                                                            |

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## 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   | -40...70 °C                                               |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Weight             | 326 g     |
| Package 1 Height             | 7 cm      |
| Package 1 width              | 6 cm      |
| Package 1 Length             | 9 cm      |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 4         |
| Package 2 Weight             | 1.375 kg  |
| Package 2 Height             | 9 cm      |
| Package 2 width              | 9 cm      |
| Package 2 Length             | 23 cm     |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 48        |
| Package 3 Weight             | 16.987 kg |
| Package 3 Height             | 30 cm     |
| Package 3 width              | 30 cm     |
| Package 3 Length             | 40 cm     |

## Offer Sustainability

|                             |                                                                                                                                   |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status    | Green Premium product                                                                                                             |
| REACH Regulation            |  <a href="#">REACH Declaration</a>             |
| REACH free of SVHC          | Yes                                                                                                                               |
| EU RoHS Directive           | Compliant  <a href="#">EU RoHS Declaration</a> |
| Mercury free                | Yes                                                                                                                               |
| RoHS exemption information  |  <a href="#">Yes</a>                           |
| China RoHS Regulation       |  <a href="#">China RoHS Declaration</a>        |
| 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       |
| Halogen content performance | Halogen free product                                                                                                              |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|