

### 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        | 32 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    | OVE[RETURN]VDE   |

### 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                            | 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  |

## 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 Height             | 7.5 cm    |
| Package 1 Width              | 1.8 cm    |
| Package 1 Length             | 8.5 cm    |
| Package 1 Weight             | 120.0 g   |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 12        |
| Package 2 Height             | 8.1 cm    |
| Package 2 Width              | 8.8 cm    |
| Package 2 Length             | 22.0 cm   |
| Package 2 Weight             | 1.485 kg  |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 144       |
| Package 3 Height             | 30.0 cm   |
| Package 3 Width              | 30.0 cm   |
| Package 3 Length             | 40.0 cm   |
| Package 3 Weight             | 18.354 kg |

## Offer Sustainability

|   |   |
|---|---|
| Packaging without single use plastic                  | No  |
| Packaging made with recycled cardboard                | No  |
| SCIP Number   | F9865e0a-4be0-4110-b389-989cc9363cb0  |
| REACH Regulation                                      | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive                                     | Compliant with Exemptions   |
| 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>   |
| Circularity Profile                                   | No need of specific recycling operations  |
| 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  |
| Take-back   | No  |
| Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) | 19  |

## Contractual warranty

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