



## Main

|                           |   |
|---------------------------|---|
| Device application        | Distribution  |
| Range                     | Acti9   |
| Product name              | Acti9 K60   |
| Product or component type | Miniature circuit-breaker   |
| Device short name         | K60N  |
| Poles description         | 2P  |
| Number of protected poles | 2   |
| [In] rated current        | 40 A  |
| Network type              | AC  |
| Trip unit technology      | Thermal-magnetic  |
| Curve code                | C   |
| Breaking capacity         | 6000 A Icn at 400 V AC 50/60 Hz between phases 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  |

## 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 - 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                                     | 4  |
| Height   | 81 mm  |
| Width  | 36 mm  |
| Depth  | 74 mm  |
| Net weight                                       | 0.24 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<br>Tunnel type terminals (downstream) 0.5...25 mm <sup>2</sup> flexible with ferrule<br>Tunnel type terminals (upstream) 0.5...25 mm <sup>2</sup> flexible with ferrule |
| Wire stripping length                            | 14 mm for top or bottom connection   |
| Tightening torque                                | 3.5 N.m top or bottom  |
| Earth-leakage protection                         | Without  |

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## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| IP degree of protection               | IP20 conforming to IEC 60529 |
| Pollution degree                      | 2 conforming to IEC 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             | 7.3 cm    |
| Package 1 Width              | 3.6 cm    |
| Package 1 Length             | 8.5 cm    |
| Package 1 Weight             | 0.238 kg  |
| Unit Type of Package 2       | S03       |
| Number of Units in Package 2 | 72        |
| Package 2 Height             | 30 cm     |
| Package 2 Width              | 30 cm     |
| Package 2 Length             | 40 cm     |
| Package 2 Weight             | 17.136 kg |

## Offer Sustainability

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