



### 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        | 63 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                                                          |

### 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 |
| 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  |
| 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                  |

## 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> |
| Halogen content performance | Halogen free product                                                                                                            |