



### Main

|                           |   |
|---------------------------|---|
| Device application        | Distribution  |
| Range                     | Acti 9  |
| Product name              | Acti 9 K60  |
| Product or component type | Miniature circuit-breaker                                   |
| Device short name         | K60N  |
| Poles description         | 1P  |
| Number of protected poles | 1   |
| [In] rated current        | 16 A  |
| Network type              | AC  |
| Trip unit technology      | Thermal-magnetic  |
| Curve code                | C   |
| Breaking capacity         | 6000 A Icn conforming to EN/IEC 60898-1 - 230 V AC 50/60 Hz |
| 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                | 5...10 x In   |
| [Ics] rated service breaking capacity  | 6000 A 100 % x Icu 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 | Biconnect downside   |
| 9 mm pitches                                     | 2  |
| Height   | 81 mm  |
| Width  | 18 mm  |
| Depth  | 70 mm  |
| Product weight                                   | 0.12 kg  |
| Colour   | White  |
| Mechanical durability                            | 20000 cycles   |
| Electrical durability                            | 20000 cycles   |
| Connections - terminals                          | Tunnel type terminals, downstream rigid wire(s) 0.5...35 mm <sup>2</sup> max<br>Tunnel type terminals, upstream rigid wire(s) 0.5...35 mm <sup>2</sup> max<br>Tunnel type terminals, downstream flexible wire(s) 0.5...25 mm <sup>2</sup> max<br>Tunnel type terminals, upstream flexible wire(s) 0.5...25 mm <sup>2</sup> max |
| Wire stripping length                            | 14 mm top or bottom  |
| 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 % ( 55 °C )  |
| Operating altitude                    | 0...2000 m  |
| Ambient air temperature for operation | -25...70 °C   |
| Ambient air temperature for storage   | -40...70 °C   |

## Offer Sustainability

|                                  |  |
|----------------------------------|--|
| Sustainable offer status         | Green Premium product  |
| RoHS (date code: YYWW)           | Compliant<br><a href="#">Schneider Electric declaration of conformity</a>  |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a> |
| Product environmental profile    | Available<br><a href="#">Product Environmental Profile</a>   |
| Product end of life instructions | Need no specific recycling operations  |

## Contractual warranty

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