



### Main

|                           |   |
|---------------------------|---|
| Device application        | Distribution  |
| Range                     | Acti9   |
| Product name              | Acti9 K60   |
| Product or component type | Miniature circuit-breaker   |
| Device short name         | K60H  |
| Poles description         | 4P  |
| Number of protected poles | 4   |
| [In] rated current        | 40 A  |
| Network type              | AC  |
| Trip unit technology      | Thermal-magnetic  |
| Curve code                | C   |
| Breaking capacity         | 10000 A Icn at 415 V AC 50/60 Hz conforming to EN 60898-1<br>10000 A Icn at 415 V AC 50/60 Hz conforming to IEC 60898-1 |
| Suitability for isolation | Yes   |
| Standards                 | EN 60898-1<br>IEC 60898-1   |
| Product certifications    | ISI   |

### Complementary

|  |  |
|--|--|
| Network frequency                                | 50/60 Hz   |
| Magnetic tripping limit                          | 5...10 x In  |
| [Ics] rated service breaking capacity            | 10 kA 75 % conforming to EN 60898-1 - 415 V AC 50/60 Hz<br>10 kA 75 % conforming to IEC 60898-1 - 415 V AC 50/60 Hz  |
| Limitation class                                 | 3 conforming to EN 60898-1   |
| [Ui] rated insulation voltage                    | 500 V AC 50/60 Hz  |
| [Uimp] rated impulse withstand voltage           | 4 kV   |
| Contact position indicator                       | No   |
| Control type                                     | Toggle   |
| Local signalling                                 | Without  |
| Mounting mode                                    | Fixed  |
| Mounting support                                 | DIN rail   |
| Comb busbar and distribution block compatibility | Downstream: biconnect  |
| 9 mm pitches                                     | 8  |
| Height   | 81 mm  |
| Width  | 72 mm  |
| Depth  | 70 mm  |
| Net weight                                       | 0.48 kg  |
| Quantity per set                                 | Set of 3   |
| Colour   | White  |
| Mechanical durability                            | 20000 cycles   |
| Electrical durability                            | 10000 cycles   |
| Connections - terminals                          | Tunnel type terminals (downstream) 1...35 mm <sup>2</sup> rigid<br>Tunnel type terminals (upstream) 1...35 mm <sup>2</sup> rigid<br>Tunnel type terminals (downstream) 1...25 mm <sup>2</sup> flexible<br>Tunnel type terminals (upstream) 1...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 | -5...55 °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             | 8.0 cm   |
| Package 1 Width              | 7.0 cm   |
| Package 1 Length             | 8.0 cm   |
| Package 1 Weight             | 1.452 kg |

## Offer Sustainability

|                             |   |
|-----------------------------|---|
| 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>                           |
| Halogen content performance | Halogen free plastic parts & cables product   |