

# Product datasheet

Specifications



## Acti 9 K60H 2P - 6 A - C curve 10 kA - set of 6

A9KF71206BQ

### Main

|                           |   |
|---------------------------|---|
| Device application        | Distribution  |
| Range                     | Acti 9  |
| Product name              | Acti9 K60   |
| Product or component type | Miniature circuit-breaker   |
| Device short name         | K60H  |
| Poles description         | 2P  |
| Number of protected poles | 2   |
| [In] rated current        | 6 A   |
| Network type              | AC  |
| Trip unit technology      | Thermal-magnetic  |
| Curve code                | C   |
| Breaking capacity         | 10 kA Icn at 415 V AC 50/60 Hz conforming to EN 60898-1<br>10 kA Icn at 415 V AC 50/60 Hz conforming to IEC 60898-1 |
| Suitability for isolation | Yes   |
| Standards                 | IEC 60898-1<br>EN 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                                     | 4  |
| Height   | 81 mm  |
| Width  | 36 mm  |
| Depth  | 70 mm  |
| Product weight                                   | 0.24 kg  |
| Quantity per set                                 | Set of 6   |
| Colour   | White  |
| Mechanical durability                            | 20000 cycles   |
| Electrical durability                            | 20000 cycles   |
| Connections - terminals                          | Tunnel type terminals (downstream) 1...25 mm <sup>2</sup> rigid<br>Tunnel type terminals (upstream) 1...25 mm <sup>2</sup> rigid<br>Tunnel type terminals (downstream) 1...16 mm <sup>2</sup> flexible<br>Tunnel type terminals (upstream) 1...16 mm <sup>2</sup> flexible |
| Wire stripping length                            | 14 mm for top or bottom connection   |
| Tightening torque                                | 2 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 Weight             | 1.297 kg |
| Package 1 Height             | 7 cm     |
| Package 1 width              | 4 cm     |
| Package 1 Length             | 8 cm     |

## Offer Sustainability

|                            |  |
|----------------------------|--|
| Sustainable offer status   | Green Premium product                            |
| REACH Regulation           | <a href="#">REACH Declaration</a>                |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes  |
| RoHS exemption information | <a href="#">Yes</a>                              |

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|                                    |   |
|------------------------------------|---|
| <b>China RoHS Regulation</b>       | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information |
| <b>Environmental Disclosure</b>    | <a href="#">Product Environmental Profile</a>   |
| <b>Halogen content performance</b> | Halogen free plastic parts & cables product   |

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