

Product datasheet

Specifications



Acti 9 K60H 1P - 20 A - C curve 10 kA - set of 12

A9KF71120BQ

Main

| | |
|---------------------------|---|
| Device application | Distribution |
| Range | Acti9 |
| Product name | Acti9 K60 |
| Product or component type | Miniature circuit-breaker |
| Device short name | K60H |
| Poles description | 1P |
| Number of protected poles | 1 |
| [In] rated current | 20 A |
| Network type | AC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Breaking capacity | 10000 A Icn at 240/415 V AC 50/60 Hz conforming to EN 60898-1 10000 A Icn at 240/415 V AC 50/60 Hz conforming to IEC 60898-1 |
| Suitability for isolation | Yes |
| Standards | EN 60898-1 IEC 60898-1 |
| Product certifications | ISI |

Complementary

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|--|---|
| 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 - 240/415 V AC 50/60 Hz 10 kA 75 % conforming to IEC 60898-1 - 240/415 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 |

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| Mounting support | DIN rail |
| Comb busbar and distribution block compatibility | Downstream: biconnect |
| 9 mm pitches | 2 |
| Height | 81 mm |
| Width | 18 mm |
| Depth | 70 mm |
| Net weight | 0.12 kg |
| Quantity per set | Set of 12 |
| Colour | White |
| Mechanical durability | 20000 cycles |
| Electrical durability | 20000 cycles |
| Connections - terminals | Tunnel type terminals (downstream) 1...25 mm² rigid Tunnel type terminals (upstream) 1...25 mm² rigid Tunnel type terminals (downstream) 1...16 mm² flexible Tunnel type terminals (upstream) 1...16 mm² 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 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

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|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 7 cm |
| Package 1 Width | 2 cm |
| Package 1 Length | 8 cm |
| Package 1 Weight | 1.335 kg |

Offer Sustainability

| | |
|-----------------------|--|
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| Sustainable packaging | Yes |
| China RoHS Regulation | China RoHS declaration |

| | |
|-----------------------------|---|
| RoHS exemption information | Yes |
| Halogen content performance | Halogen free plastic parts & cables product |

Recommended replacement(s)