



Main

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|-------------------------------------|---|
| Range | Acti9 |
| Product name | Acti9 ID K |
| Product or component type | Residual current circuit breaker (RCCB) |
| Device short name | ID K |
| Poles description | 2P |
| Neutral position | Left |
| [In] rated current | 40 A |
| Network type | AC |
| Earth-leakage sensitivity | 30 mA |
| Earth-leakage protection time delay | Instantaneous |
| Earth-leakage protection class | Type AC |
| Quality labels | SAFETY Mark |

Complementary

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|---|---|
| Device location in system | Group incomer |
| Network frequency | 50 Hz |
| [Ue] rated operational voltage | 220...240 V AC 50 Hz |
| Residual current tripping technology | Voltage independent |
| Rated breaking and making capacity | Idm 500 A Im 500 A |
| Rated conditional short-circuit current | GL63: Inc 4.5 kA K60: Inc 6 kA |
| [Ui] rated insulation voltage | 440 V AC 50 Hz |
| [Uimp] rated impulse withstand voltage | 4 kV |
| Contact position indicator | No |
| Control type | Toggle |
| Mounting mode | Clip-on |
| Mounting support | DIN rail |
| 9 mm pitches | 4 |
| Height | 81 mm |
| Width | 36 mm |
| Depth | 68 mm |
| Net weight | 0.18 kg |
| Colour | White |
| Mechanical durability | 5000 cycles |
| Electrical durability | AC-1: 4000 cycles |
| Connections - terminals | Biconnect top or bottom 1...35 mm ² rigid Biconnect top or bottom 1...25 mm ² flexible |
| Wire stripping length | 14 mm for top or bottom connection |
| Tightening torque | 3.5 N.m top or bottom |

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Environment

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| Standards | EN/IEC 61008-1 SS 97:part 1 |
| IP degree of protection | IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529 |
| Pollution degree | 2 |
| Electromagnetic compatibility | 8/20 μ s impulse withstand, 200 A conforming to EN/IEC 61008-1 |
| Tropicalisation | 2 conforming to IEC 60068-1 |
| Relative humidity | 95 % at 55 °C |
| 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 | 9.2 cm |
| Package 1 Width | 3.8 cm |
| Package 1 Length | 8.4 cm |
| Package 1 Weight | 0.18 kg |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 6 |
| Package 2 Height | 9 cm |
| Package 2 Width | 8.5 cm |
| Package 2 Length | 22 cm |
| Package 2 Weight | 1.51 kg |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 54 |
| Package 3 Height | 30 cm |
| Package 3 Width | 30 cm |
| Package 3 Length | 40 cm |
| Package 3 Weight | 14.09 kg |

Offer Sustainability

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|----------------------------|--|
| Sustainable offer status | Green Premium product |
| REACH Regulation |  REACH Declaration |
| EU RoHS Directive | Compliant with Exemptions |
| Mercury free | Yes |
| China RoHS Regulation |  China RoHS Declaration |
| RoHS exemption information |  Yes |
| Circularity Profile | No need of specific recycling operations |