

Product data sheet

Specifications



Residual current circuit breaker (RCCB), Acti9 ID K, 4P, 40A, A type, 30mA

A9Z01440

Main

| | |
|-------------------------------------|---|
| Range | Acti9 |
| Product Name | Acti9 ID K |
| Product Or Component Type | Residual current circuit breaker (RCCB) |
| Device Short Name | ID K |
| Poles Description | 4P |
| 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 A |
| Quality Labels | VDE |

Complementary

| | |
|---|-----------------------------------|
| Device Location In System | Outgoer |
| Network Frequency | 50/60 Hz |
| [Ue] Rated Operational Voltage | 380...415 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 |
| Surge Current | 250 A |
| Contact Position Indicator | No |
| Control Type | Toggle |
| Mounting Mode | Clip-on |
| Mounting Support | DIN rail |
| 9 Mm Pitches | 8 |
| Height | 81 mm |
| Width | 72 mm |

| | |
|--------------------------------|---|
| Depth | 68 mm |
| Colour | White |
| Mechanical Durability | 5000 cycles |
| Electrical Durability | AC-1: 2000 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 |

Environment

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|--|--|
| Standards | EN/IEC 61008-1 EN/IEC 61008-2-1 |
| Ip Degree Of Protection | IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529 |
| Pollution Degree | 2 |
| Electromagnetic Compatibility | 8/20 µs impulse withstand, 200 A conforming to EN/IEC 61008-1 |
| Ambient Air Temperature For Operation | -25...40 °C |
| Ambient Air Temperature For Storage | -30...70 °C |

Packing Units

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|-------------------------------------|------------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 7.600 cm |
| Package 1 Width | 8.500 cm |
| Package 1 Length | 9.000 cm |
| Package 1 Weight | 346.000 g |
| Unit Type Of Package 2 | S03 |
| Number Of Units In Package 2 | 27 |
| Package 2 Height | 30.000 cm |
| Package 2 Width | 30.000 cm |
| Package 2 Length | 40.000 cm |
| Package 2 Weight | 9.829 kg |
| Unit Type Of Package 3 | P12 |
| Number Of Units In Package 3 | 216 |
| Package 3 Height | 80.000 cm |
| Package 3 Width | 80.000 cm |
| Package 3 Length | 120.000 cm |
| Package 3 Weight | 90.632 kg |

Contractual warranty

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

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

| | |
|--------------------------|---|
| Reach Regulation | REACH Declaration |
| Eu Rohs Directive | Compliant with Exemptions |
| China Rohs Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |
| Environmental Disclosure | Product Environmental Profile |
| Weee | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile | No need of specific recycling operations |