# Product datasheet

Specifications



## Residual current circuit breaker (RCCB), Acti9 iID K, 4P, 63A, AC type, 30mA

A9R70463

## Main

| | |
|---|---|
| **Range** | Acti9 |
| **Product name** | Acti9 iID K |
| **Product or component type** | Residual current circuit breaker (RCCB) |
| **Device short name** | iID K |
| **Poles description** | 4P |
| **Neutral position** | Left |
| **[In] rated current** | 63 A |
| **Network type** | AC |
| **Earth-leakage sensitivity** | 30 mA |
| **Earth-leakage protection time delay** | Instantaneous |
| **Earth-leakage protection class** | Type AC |
| **Quality labels** | VDE |

## Complementary

| | |
|---|---|
| **Device location in system** | Outgoer |
| **Network frequency** | 50/60 Hz |
| **[Ue] rated operational voltage** | 380...415 V AC 50/60 Hz |
| **Residual current tripping technology** | Voltage independent |
| **Rated breaking and making capacity** | Idm 630 A<br>Im 630 A |
| **Rated conditional short-circuit current** | GL63: Inc 4.5 kA<br>K60: Inc 6 kA<br>C60: Inc 6 kA |
| **[Ui] rated insulation voltage** | 440 V AC 50/60 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** | 35 mm DIN rail |
| **9 mm pitches** | 8 |
| **Height** | 85 mm |
| **Width** | 72 mm |

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|---|---|
| **Depth** | 69 mm |
| **Net weight** | 0.37 kg |
| **Colour** | White |
| **Mechanical durability** | 5000 cycles |
| **Electrical durability** | AC-1: 2000 cycles |
| **Locking options description** | Padlocking device |
| **Connections - terminals** | Tunnel type terminals top or bottom 1…35 mm² rigid<br>Tunnel type terminals top or bottom 1…25 mm² flexible<br>Tunnel type terminals top or bottom 1…25 mm² flexible with ferrule |
| **Wire stripping length** | 16 mm for top or bottom connection |
| **Tightening torque** | 3.5 N.m top or bottom |

## Environment

| | |
|---|---|
| **Standards** | EN/IEC 61008-1<br>EN/IEC 61008-2-1 |
| **IP degree of protection** | IP20 conforming to IEC 60529<br>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** | -5…60 °C |
| **Ambient air temperature for storage** | -40…85 °C |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 8.400 cm |
| **Package 1 Width** | 7.500 cm |
| **Package 1 Length** | 9.900 cm |
| **Package 1 Weight** | 406.000 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** | 11.449 kg |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 18 |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

### Environmental footprint

| | |
|---|---|
| Total lifecycle Carbon footprint | **61 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **4 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **0.1 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **57 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **1 kg CO2 eq.** |
| Environmental Disclosure | **Product Environmental Profile** |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **Yes** |
| Packaging without single use plastic | **Yes** |
| SCIP Number | **42d9fa7e-1604-4ebd-8742-78b281843dbb** |
| EU RoHS Directive | **Compliant By Exemption** |
| REACh Regulation | **Reference contains Substances of Very High Concern above the threshold** |
| OECD PFAS Regulation | **Item contains PFAS Chemicals** |
| POP Directive | **No POPs** |
| Halogen-free status | **Product contains halogen above thresholds** |
| PVC free | **Yes** |
| Silicone-free | **No** |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **53** |
| End of life manual availability | **No need of specific recycling operations** |
| Take-back | **No** |
| WEEE Label | **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins** |