

Product data sheet

Characteristics

A9Z51225

Acti9 iID - Residual Current Circuit Breaker - 2P - 25A - 30mA - B type



Main

| | |
|-------------------------------------|---|
| Range | Acti9 |
| Product name | Acti9 iID |
| Product or component type | Residual current circuit breaker (RCCB) |
| Device short name | iID |
| Device application | Electrical Vehicle charger |
| Poles description | 2P |
| Neutral position | Left |
| [In] rated current | 25 A |
| Network type | AC |
| Earth-leakage sensitivity | 30 mA |
| Earth-leakage protection time delay | Instantaneous |
| Earth-leakage protection class | Type B-EV (Electric Vehicle) |
| Quality labels | VDE NF IMQ KEMA |

Complementary

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|---|---|
| Device location in system | Outgoer Group incomer |
| Network frequency | 50 Hz |
| [Ue] rated operational voltage | 230 V AC 50 Hz |
| Rated breaking and making capacity | I _{dm} 1500 A I _m 1500 A |
| Rated conditional short-circuit current | 10 kA |
| [Ui] rated insulation voltage | 250 V |
| [Uimp] rated impulse withstand voltage | 6 kV |
| Contact position indicator | Yes |
| Control type | Toggle |
| Local signalling | Trip indicator ON/OFF indication |
| Mounting mode | Clip-on |
| Mounting support | DIN rail |
| 9 mm pitches | 8 |
| Height | 88 mm |
| Width | 72 mm |
| Depth | 79 mm |
| Net weight | 350 g |
| Colour | White |
| Mechanical durability | 20000 cycles |
| Electrical durability | 15000 cycles |
| Locking options description | Padlocking device |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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|-------------------------|---|
| Connections - terminals | Double terminal front 1...35 mm ² rigid Double terminal front 1...25 mm ² flexible Double terminal front 1...25 mm ² flexible with ferrule Double terminal back 1...25 mm ² rigid Double terminal back 1...16 mm ² flexible Double terminal back 1...16 mm ² flexible with ferrule |
| 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 | IEC 61008-2-1 IEC/EN 62423 EN 61008-2-1 |
| Product certifications | CCC KC |
| IP degree of protection | IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529 |
| IK degree of protection | IK05 |
| Pollution degree | 3 |
| Overvoltage category | IV |
| Electromagnetic compatibility | 8/20 µs impulse withstand, 3 kA conforming to EN/IEC 61008-1 |
| Operating altitude | 0...2000 m |
| Ambient air temperature for operation | -25...60 °C |
| Ambient air temperature for storage | -40...85 °C |

Packing Units

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|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 363.0 g |
| Package 1 Height | 7.5 cm |
| Package 1 width | 8.5 cm |
| Package 1 Length | 10.0 cm |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 27 |
| Package 2 Weight | 10.206 kg |
| Package 2 Height | 30.0 cm |
| Package 2 width | 30.0 cm |
| Package 2 Length | 40.0 cm |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |