

Product data sheet

Specifications



Residual current circuit breaker (RCCB), Acti9 iID, 2P, 80A, A type, 300mA, double terminal

A9Z24280

Main

| | |
|-------------------------------------|---|
| Range | Acti9 |
| Product Name | Acti9 iID |
| Product Or Component Type | Residual current circuit breaker (RCCB) |
| Device Short Name | iID |
| Poles Description | 2P |
| Neutral Position | Left |
| [In] Rated Current | 80 A |
| Network Type | AC |
| Earth-Leakage Sensitivity | 300 mA |
| Earth-Leakage Protection Time Delay | Instantaneous |
| Earth-Leakage Protection Class | Type A |

Complementary

| | |
|---|-------------------------|
| Network Frequency | 50/60 Hz |
| [Ue] Rated Operational Voltage | 220...240 V AC 50/60 Hz |
| Residual Current Tripping Technology | Voltage independent |
| Rated Breaking And Making Capacity | Idm 1500 A Im 1500 A |
| Rated Conditional Short-Circuit Current | 10 kA |
| [Ui] Rated Insulation Voltage | 500 V AC 50/60 Hz |
| [Uimp] Rated Impulse Withstand Voltage | 6 kV |
| Contact Position Indicator | Yes |
| Control Type | Toggle |
| Mounting Mode | Clip-on |
| Mounting Support | DIN rail |
| 9 Mm Pitches | 4 |
| Height | 91 mm |
| Width | 36 mm |
| Depth | 73 mm |
| Net Weight | 0.21 kg |
| Colour | White |

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

| | |
|-----------------------------|---|
| Mechanical Durability | 20000 cycles |
| Electrical Durability | AC-1: 10000 cycles |
| Locking Options Description | Padlocking device |
| Connections - Terminals | Double terminal front 1...35 mm² rigid Double terminal front 1...25 mm² flexible Double terminal front 1...25 mm² flexible with ferrule Double terminal back 1...25 mm² rigid Double terminal back 1...16 mm² flexible Double terminal back 1...16 mm² 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 | 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 | 3 |
| Electromagnetic Compatibility | 8/20 µs impulse withstand, 250 A conforming to EN/IEC 61008-1 |
| 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 Height | 4.000 cm |
| Package 1 Width | 8.200 cm |
| Package 1 Length | 10.000 cm |
| Package 1 Weight | 216.000 g |
| Unit Type Of Package 2 | BB1 |
| Number Of Units In Package 2 | 6 |
| Package 2 Height | 9.000 cm |
| Package 2 Width | 11.000 cm |
| Package 2 Length | 25.500 cm |
| Package 2 Weight | 1.362 kg |
| Unit Type Of Package 3 | S03 |
| Number Of Units In Package 3 | 54 |
| Package 3 Height | 30.000 cm |
| Package 3 Width | 30.000 cm |
| Package 3 Length | 40.000 cm |
| Package 3 Weight | 12.810 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.

[Learn more about Green Premium >](#)

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



Transparency RoHS/REACH

Well-being performance



Mercury Free



RoHS Exemption Information

Yes



Halogen Free Plastic Parts Product

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