

Product datasheet

Specifications



Acti9 iID - RCCB - 2P - 100A - 300mA s - type AC

Local distributor code: 402642752 A9R15291

Main

| | |
|-------------------------------------|---|
| Range | Acti 9 |
| 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 | 100 A |
| Network type | AC |
| Earth-leakage sensitivity | 300 mA |
| Earth-leakage protection time delay | Selective |
| Earth-leakage protection class | Type AC |

Complementary

| | |
|---|-------------------------|
| Device location in system | Outgoer |
| 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 | 73.5 mm |
| Net weight | 0.21 kg |
| Colour | White |
| Mechanical durability | 20000 cycles |
| Electrical durability | AC-1: 10000 cycles |
| Locking options description | Padlocking device |
| Connections - terminals | Single terminal top or bottom 1...35 mm² rigid Single terminal top or bottom 1...25 mm² flexible Single terminal top or bottom 1...25 mm² flexible with ferrule |
| Wire stripping length | 14 mm for top or bottom connection |
| Tightening torque | 3.5 N.m top or bottom |

Environment

| | |
|---------------------------------------|--|
| Standards | EN/IEC 61008-1 |
| 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, 3000 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 Weight | 213.0 g |
| Package 1 Height | 8.5 cm |
| Package 1 width | 4 cm |
| Package 1 Length | 10 cm |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 54 |
| Package 2 Weight | 12.593 kg |
| Package 2 Height | 30 cm |
| Package 2 width | 30 cm |
| Package 2 Length | 40 cm |
| Unit Type of Package 3 | BB1 |
| Number of Units in Package 3 | 6 |
| Package 3 Weight | 1.343 kg |
| Package 3 Height | 9 cm |
| Package 3 width | 11 cm |
| Package 3 Length | 25.5 cm |

Offer Sustainability

| | |
|-----------------------------|---|
| 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 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 |
| Halogen content performance | Halogen free plastic parts product |

Contractual warranty

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