

Product data sheet

Characteristics

A9R21291

Acti 9 IID - RCCB - 2P - 100A - 30mA - type A



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 | 30 mA |
| Earth-leakage protection time delay | Instantaneous |
| Earth-leakage protection class | Type A |

Complementary

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|---|---|
| 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 |
| Surge current | 250 A |
| 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 mm ² rigid Single terminal top or bottom 1...25 mm ² flexible Single terminal top or bottom 1...25 mm ² flexible with ferrule |
| Wire stripping length | 14 mm for top or bottom connection |
| Tightening torque | 3.5 N.m top or bottom |

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Environment

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|---------------------------------------|--|
| 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 μ s 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 Weight | 235 g |
| Package 1 Height | 8.5 cm |
| Package 1 width | 4 cm |
| Package 1 Length | 9.6 cm |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 54 |
| Package 2 Weight | 13.18 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 | 1.48 kg |
| Package 3 Height | 9.2 cm |
| Package 3 width | 10.2 cm |
| Package 3 Length | 26 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 |
| 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

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| Warranty | 12 months |
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