# Product data sheet
## Characteristics

# A9R35240
## Residual current circuit breaker (RCCB), Acti9 iID, 2P, 40A, A-SI type, 300mA, selective




## 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 | 40 A |
| Network type | AC |
| Earth-leakage sensitivity | 300 MA |
| Earth-leakage protection time delay | Selective |
| Earth-leakage protection class | Type A-SI (Super Immunised) |

## 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<br>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: 15000 cycles |
| Locking options description | Padlocking device |

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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.
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|---|---|
| Connections - terminals | Single terminal top or bottom 1…35 mm² rigid<br>Single terminal top or bottom 1…25 mm² flexible<br>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

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|---|---|
| Standards | EN/IEC 61008-1 |
| IP degree of protection | IP20 conforming to IEC 60529<br>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 | -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 | 4.0 Cm |
| Package 1 Width | 8.5 Cm |
| Package 1 Length | 10.0 Cm |
| Package 1 Weight | 205 G |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 54 |
| Package 2 Height | 30.0 Cm |
| Package 2 Width | 30.0 Cm |
| Package 2 Length | 40.0 Cm |
| Package 2 Weight | 11.511 Kg |
| Unit Type of Package 3 | P12 |
| Number of Units in Package 3 | 432 |
| Package 3 Height | 44.4 Cm |
| Package 3 Width | 80 Cm |
| Package 3 Length | 120 Cm |
| Package 3 Weight | 104.088 Kg |

## 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 |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| 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 | 18 months |

Product Life Status : Commercialised