

Product datasheet

Specifications



Residual current circuit breaker (RCCB), Acti9 iID, 4P, 80A, A-SI type, 500mA, selective

A9R37480

Main

| | |
|-------------------------------------|-----------------------------------------|
| Range | Acti9 |
| product name | Acti9 iID |
| Product or component type | Residual current circuit breaker (RCCB) |
| Device short name | iID |
| Poles description | 4P |
| Neutral position | Left |
| [In] rated current | 80 A |
| network type | AC |
| Earth-leakage sensitivity | 500 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 | 380...415 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 | 8 |
| Height | 91 mm |
| Width | 72 mm |
| Depth | 73.5 mm |
| Net weight | 0.37 kg |

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

| | |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 EN/IEC 61008-2-1 |
| Product certifications | CCC |
| 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 | -25...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 Height | 7.7 cm |
| Package 1 Width | 8.5 cm |
| Package 1 Length | 9.6 cm |
| Package 1 Weight | 347.0 g |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 27 |
| Package 2 Height | 30.0 cm |
| Package 2 Width | 30.0 cm |
| Package 2 Length | 40.0 cm |
| Package 2 Weight | 9.856 kg |

Contractual warranty

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

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

| | |
|-------------------------------------------------------|----|
| Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) | 94 |
|-------------------------------------------------------|----|

| | |
|--------------------------|-----------------------------------------------|
| Environmental Disclosure | Product Environmental Profile |
|--------------------------|-----------------------------------------------|

Use Better

Materials and Substances

| | |
|----------------------------------------|-----|
| Packaging made with recycled cardboard | Yes |
|----------------------------------------|-----|

| | |
|--------------------------------------|-----|
| Packaging without single use plastic | Yes |
|--------------------------------------|-----|

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|-------------------|---------------------------|
| EU RoHS Directive | Compliant with Exemptions |
|-------------------|---------------------------|

| | |
|-------------|--------------------------------------|
| SCIP Number | B078722f-7853-4e1e-a05b-29638f57b0ab |
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| | |
|------------------|-----------------------------------|
| REACH Regulation | REACH Declaration |
|------------------|-----------------------------------|

| | |
|-----------------------|----------------------------------------|
| China RoHS Regulation | China RoHS declaration |
|-----------------------|----------------------------------------|

Use Again

Repack and remanufacture

| | |
|---------------------|------------------------------------------|
| Circularity Profile | No need of specific recycling operations |
|---------------------|------------------------------------------|

WEEE



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Take-back

No