

# Product datasheet

Specifications



## Acti9 iID - Residual Current Circuit Breaker - 4P - 40A - 300mA - B-SI type

Local distributor code:

407193811

A9Z64440

EAN Code: 3606489502829

### Main

|                                     |                                         |
|-------------------------------------|-----------------------------------------|
| Range                               | Acti9                                   |
| Product name                        | Acti9 iID                               |
| Product or component type           | Residual current circuit breaker (RCCB) |
| Device short name                   | iID                                     |
| Device application                  | Photovoltaic<br>3P speed drive<br>Lift  |
| Poles description                   | 4P                                      |
| Neutral position                    | Left                                    |
| [In] rated current                  | 40 A                                    |
| Network type                        | AC                                      |
| Earth-leakage sensitivity           | 300 mA                                  |
| Earth-leakage protection time delay | Instantaneous                           |
| Earth-leakage protection class      | Type B-SI (Super Immunised)             |
| Quality labels                      | VDE<br>NF<br>IMQ<br>KEMA                |

### Complementary

|                                         |                                                                            |
|-----------------------------------------|----------------------------------------------------------------------------|
| Device location in system               | Outgoer<br>Group incomer                                                   |
| Network frequency                       | 50 Hz                                                                      |
| [Ue] rated operational voltage          | 400 V AC 50 Hz                                                             |
| Residual current tripping technology    | Voltage independent                                                        |
| Rated breaking and making capacity      | I <sub>dm</sub> 1500 A<br>I <sub>m</sub> 1500 A                            |
| Rated conditional short-circuit current | 10 kA                                                                      |
| [Ui] rated insulation voltage           | 500 V                                                                      |
| [Uimp] rated impulse withstand voltage  | 6 kV                                                                       |
| Contact position indicator              | Yes                                                                        |
| control type                            | Toggle                                                                     |
| Local signalling                        | ON/OFF indication<br>LED (green) for presence of voltage<br>Trip indicator |

|                             |                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mounting mode               | Clip-on                                                                                                                                                                                                                                                                                                                                                             |
| Mounting support            | DIN rail                                                                                                                                                                                                                                                                                                                                                            |
| 9 mm pitches                | 8                                                                                                                                                                                                                                                                                                                                                                   |
| Height                      | 88 mm                                                                                                                                                                                                                                                                                                                                                               |
| Width                       | 72 mm                                                                                                                                                                                                                                                                                                                                                               |
| Depth                       | 79 mm                                                                                                                                                                                                                                                                                                                                                               |
| Net weight                  | 415 g                                                                                                                                                                                                                                                                                                                                                               |
| Colour                      | White                                                                                                                                                                                                                                                                                                                                                               |
| Mechanical durability       | 20000 cycles                                                                                                                                                                                                                                                                                                                                                        |
| Electrical durability       | 15000 cycles                                                                                                                                                                                                                                                                                                                                                        |
| Locking options description | Padlocking device                                                                                                                                                                                                                                                                                                                                                   |
| Connections - terminals     | Double terminal front 1...35 mm <sup>2</sup> rigid<br>Double terminal front 1...25 mm <sup>2</sup> flexible<br>Double terminal front 1...25 mm <sup>2</sup> flexible with ferrule<br>Double terminal back 1...25 mm <sup>2</sup> rigid<br>Double terminal back 1...16 mm <sup>2</sup> flexible<br>Double terminal back 1...16 mm <sup>2</sup> flexible with ferrule |
| Wire stripping length       | 14 mm for top or bottom connection                                                                                                                                                                                                                                                                                                                                  |
| Tightening torque           | 3.5 N.m top or bottom                                                                                                                                                                                                                                                                                                                                               |

## Environment

|                                       |                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------|
| Standards                             | IEC 61008-2-1<br>IEC/EN 62423<br>EN 61008-2-1                                    |
| Product certifications                | CCC                                                                              |
| IP degree of protection               | IP20 conforming to IEC 60529<br>IP40 (modular enclosure) conforming to IEC 60529 |
| IK degree of protection               | IK05                                                                             |
| Pollution degree                      | 3                                                                                |
| Overvoltage category                  | IV                                                                               |
| Electromagnetic compatibility         | 8/20 µs impulse withstand, 3 kA conforming to EN/IEC 61008-1                     |
| Operating altitude                    | 0...2000 m                                                                       |
| 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             | 7.500 cm  |
| Package 1 Width              | 8.500 cm  |
| Package 1 Length             | 10.000 cm |
| Package 1 Weight             | 416.000 g |
| Unit Type of Package 2       | S03       |
| Number of Units in Package 2 | 27        |
| Package 2 Height             | 30.000 cm |

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|                 |           |
|-----------------|-----------|
| Package 2 Width | 30.000 cm |
|-----------------|-----------|

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|                  |           |
|------------------|-----------|
| Package 2 Length | 40.000 cm |
|------------------|-----------|

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|                  |           |
|------------------|-----------|
| Package 2 Weight | 12.000 kg |
|------------------|-----------|

## Logistical informations

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|                   |    |
|-------------------|----|
| Country of origin | ES |
|-------------------|----|

## Contractual warranty

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|          |           |
|----------|-----------|
| 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

Total lifecycle Carbon footprint 72

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic Yes

[EU RoHS Directive](#) Compliant with Exemptions

SCIP Number C2a63347-7a15-4eaa-acdb-227b8b7a3919

REACH Regulation [REACH Declaration](#)

## Use Again

### Repack and remanufacture

End of life manual availability [End of Life Information](#)

Take-back No

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