

# Product data sheet

Specifications



Repacked, residual current circuit breaker (RCCB), Acti9 iID, 4P, 40A, B-SI type, 300mA, selective

A9Z65440W



This repacked option saves 6.808 over the standard condition

## 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 | Selective                               |
| 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      | Idm 1500 A<br>Im 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 |

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

|                             |                                                                                                                                                                                                                                                                                             |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mounting mode               | Clip-on                                                                                                                                                                                                                                                                                     |
| Mounting support            | DIN rail                                                                                                                                                                                                                                                                                    |
| 9 mm pitches                | 8                                                                                                                                                                                                                                                                                           |
| Height                      | 88 mm                                                                                                                                                                                                                                                                                       |
| Width                       | 72 mm                                                                                                                                                                                                                                                                                       |
| Depth                       | 79 mm                                                                                                                                                                                                                                                                                       |
| Product 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 mm² rigid<br>Double terminal front 1...25 mm² flexible<br>Double terminal front 1...25 mm² flexible with ferrule<br>Double terminal back 1...25 mm² rigid<br>Double terminal back 1...16 mm² flexible<br>Double terminal back 1...16 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                             | 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, 5 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             | 7.5 cm  |
| Package 1 Width              | 8.5 cm  |
| Package 1 Length             | 10.0 cm |
| Package 1 Weight             | 426.0 g |
| Unit Type of Package 2       | S03     |
| Number of Units in Package 2 | 27      |
| Package 2 Height             | 30 cm   |

|                  |           |
|------------------|-----------|
| Package 2 Width  | 30 cm     |
| Package 2 Length | 40 cm     |
| Package 2 Weight | 12.024 kg |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## 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

Lower carbon footprint

7 kg CO2 eq.

## Use Better



### Materials and Substances

Packaging made with recycled cardboard

No

Packaging without single use plastic

No

SCIP Number

A7b24ae6-2312-4e67-b7c9-56fce3e8c723

EU RoHS Directive

[Compliant By Exemption](#)

REACH Regulation

[Reference contains Substances of Very High Concern above the threshold](#)

## Use Longer



### Lifetime extension

Repair

No

## Use Again



### Repack and remanufacture

WEEE Label



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

Offer Marketing Illustration

Product benefits / Features

Technical Benefits  
Acti9 iID

