

# Product data sheet

Specifications



## IDc 2P 40A 300mA -S A-SI Residual current circuit breaker

A9N21785

⚠ Discontinued on: Jun 30, 2021

⚠ Discontinued

### Main

Range	Acti9
Product Name	Acti9 IDc
Product Or Component Type	Residual current circuit breaker (RCCB)
Device Short Name	IDc
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)
Rated Breaking And Making Capacity	Idm = 1000 A
Rated Conditional Short-Circuit Current	Inc 6 kA

### Complementary

Device Location In System	Group incomer
Network Frequency	50/60 Hz
[Ue] Rated Operational Voltage	230 V AC 50/60 Hz conforming to IEC 60947-3 230 V AC 50/60 Hz conforming to IEC 61008-1 230 V AC 50/60 Hz conforming to IEC 61008-2-1
Residual Current Tripping Technology	Electromechanical
[Ui] Rated Insulation Voltage	440 V AC 50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	4 kV conforming to IEC 61008-1
Surge Current	3000 A
Control Type	Toggle
Mounting Mode	Fixed
Mounting Support	35 mm symmetrical DIN rail
Comb Busbar And Distribution Block Compatibility	Upside: Clario
Connection Pitch	18 mm between phases
9 Mm Pitches	4

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

Height	85 mm
Width	36 mm
Depth	76 mm
Embedding Depth	76 mm
Net Weight	205 g
Colour	White
Connections - Terminals	Tunnel type terminals1...10 mm² flexible Tunnel type terminals1...16 mm² rigid Tunnel type terminals1...10 mm² flexible with ferrule
Wire Stripping Length	13 mm
Tightening Torque	2 N.m

## Environment

Standards	IEC 60947-3 IEC 61008-2-1 IEC 61008-1
Ip Degree Of Protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution Degree	3
Tropicalisation	2 conforming to IEC 60947-3 2 conforming to IEC 61008-1 2 conforming to IEC 61008-2-1
Relative Humidity	95 % at 55 °C
Operating Altitude	2000 m
Ambient Air Temperature For Operation	-25...70 °C
Ambient Air Temperature For Storage	-40...70 °C

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	4 cm
Package 1 Width	8.5 cm
Package 1 Length	10.2 cm
Package 1 Weight	183 g

## Contractual warranty

Warranty	18 months
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# Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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RoHS/REACH

## Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

## Certifications & Standards

Eu Rohs Directive	Compliant <a href="#">EU RoHS Declaration</a>
China Rohs Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins