

Product datasheet

Specifications



Acti9 iID - RCCB - 4P - 40A - 30mA - type AC

A9R41440

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	40 A
Network type	AC
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC

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	I _{dm} 1500 A I _m 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
Surge current	250 A
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

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Net weight	0.37 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	AC-1: 15000 cycles
Locking options description	Padlocking device
Connections - terminals	Single terminal top or bottom 1...35 mm ² rigid Single terminal top or bottom 1...25 mm ² flexible Single terminal top or bottom 1...25 mm ² 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
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, 250 A conforming to EN/IEC 61008-1
Ambient air temperature for operation	-5...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	8.500 cm
Package 1 Width	7.600 cm
Package 1 Length	10.000 cm
Package 1 Weight	364.000 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	10.250 kg

Contractual warranty

Warranty (in months)	18
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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	65 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	3 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	61 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.9 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	E30d8de5-e712-4620-931e-4a4cf9525d5a
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
Halogen-free status	Product contains halogen above thresholds

Use Longer

Lifetime extension

Repair	No
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Use Again

Repack and remanufacture

Recyclability potential, in %	53
End of life manual availability	No need of specific recycling operations
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