

# Product datasheet

Specifications



## Resi9 - RCBO - 1P + N - 20 A - B Curve - A type - 30 mA - 6000 A

Local distributor code:

397837928

R9D87820

⚠ Discontinued on: 11 Apr 2024

EAN Code: 3606480570124

⚠ To be discontinued

### Main

Range	Resi9
product name	Resi9 RCBO
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Device application	Distribution
Poles description	1P + N
Neutral position	Left
Number of protected poles	1
[In] rated current	20 A
network type	AC
Trip unit technology	Thermal-magnetic
Curve code	B
Earth-leakage sensitivity	30 mA conforming to BS EN 61009-1
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type A
Breaking capacity	6000 A Icn at 230 V AC 50 Hz conforming to BS EN 61009-1

### Complementary

Device location in system	Outgoer
Network frequency	50 Hz
[Ue] rated operational voltage	230 V AC 50 Hz
Magnetic tripping limit	3...5 x In
Residual current tripping technology	Voltage dependent functional earth
Limitation class	3 conforming to BS EN 61009-1
control type	Toggle
local signalling	ON/OFF indication
Mounting mode	Plug-in
Mounting support	Socket
Comb busbar and distribution block compatibility	Top: KQ
9 mm pitches	2
Height	123 mm

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

Width	18 mm
Depth	78 mm
Net weight	0.3 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	20000 cycles 230 V AC 50 Hz conforming to BS EN 61009-1
Provision for padlocking	Yes
Connections - terminals	Tunnel type terminals (bottom) - <= 1 x 25 mm² - rigid Tunnel type terminals (bottom) - <= 1 x 16 mm² - flexible with ferrule
Wire stripping length	14 mm for bottom connection
Tightening torque	2 N.m bottom
Earth-leakage protection	Integrated

## Environment

Standards	BS EN 61009-1
Product certifications	CE
IP degree of protection	IP20 conforming to BS EN 60529
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-25...40 °C
Ambient air temperature for storage	-40...80 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.5 cm
Package 1 Width	11.0 cm
Package 1 Length	14.0 cm
Package 1 Weight	236.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	34
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	8.52 kg
Unit Type of Package 3	P06
Number of Units in Package 3	544
Package 3 Height	75 cm
Package 3 Width	80 cm
Package 3 Length	60 cm
Package 3 Weight	146.32 kg

## Logistical informations

Country of origin	BG
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## Contractual warranty

Warranty	18 months
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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

Environmental Disclosure

[Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard	Yes
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Packaging without single use plastic	Yes
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EU RoHS Directive	Compliant with Exemptions
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SCIP Number	170f0083-3431-44d4-b5b4-c8b8e68e05e4
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REACH Regulation	<a href="#">REACH Declaration</a>
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China RoHS Regulation	<a href="#">China RoHS declaration</a>
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## Use Again

### Repack and remanufacture

Circularity Profile	No need of specific recycling operations
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Take-back	No
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