

Resi9 - RCBO - 1P + N - 40 A - B Curve - A type - 30 mA - 6000 A

R9D01640

- Discontinued on: 30 Jul 2021
- ! End-of-service on: 31 Dec 2021

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	40 A	
Network type	AC	
Trip unit technology	Thermal-magnetic	
Curve code	В	
Earth-leakage sensitivity	30 mA	
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 EN/IEC 61009-2-1	
Quality labels	VDE	

Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	230 V
Magnetic tripping limit	35 x ln
[Ui] rated insulation voltage	400 V
Surge current	250 A
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Plug-in
Mounting support	DIN rail
9 mm pitches	4
Height	82 mm
Width	36 mm

Depth	70.5 mm	
Net weight	186 g	
Colour	White	
Mechanical durability	20000 cycles	
Electrical durability	7500 cycles	
Provision for padlocking	Yes	
Connections - terminals	Tunnel type terminals (top or bottom) - 116 mm² - rigid Tunnel type terminals (top or bottom) - 110 mm² - flexible Tunnel type terminals (top or bottom) - 110 mm² - flexible with ferrule	
Wire stripping length	13 mm for top or bottom connection	
Tightening torque	2 N.m	
Earth-leakage protection	Integrated	

Environment

Standards	EN/IEC 61009-1 EN/IEC 61009-2-1
IP degree of protection	IP20
Overvoltage category	III
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-2540 °C
Ambient air temperature for storage	-4060 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.800 cm
Package 1 Width	8.200 cm
Package 1 Length	10.000 cm
Package 1 Weight	215.800 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	9.200 cm
Package 2 Width	10.800 cm
Package 2 Length	25.500 cm
Package 2 Weight	1.386 kg
Unit Type of Package 3	S03
Number of Units in Package 3	60
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	13.041 kg

Logistical informations

Country of origin

ES

Contractual warranty

Warranty

29 Jul 2025

18 months



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	33
Environmental Disclosure	Product Environmental Profile

Use Better

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Not compliant
SCIP Number	42d9fa7e-1604-4ebd-8742-78b281843dbb
REACh Regulation	REACh Declaration

Use Again

○ Repack and remanufacture	
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