

# Product data sheet

Specifications



## Miniature circuit breaker (MCB), Resi9, 4P, 40A, C curve, 3000A (IEC/EN 60898-1)

R9F64440

### Main

Range	Resi9
Product Name	Resi9 MCB
Product Or Component Type	Miniature circuit-breaker
Device Application	Distribution
Poles Description	4P
Number Of Protected Poles	4
[In] Rated Current	40 A at 30 °C
Network Type	AC
Trip Unit Technology	Thermal-magnetic
Curve Code	C
Breaking Capacity	3000 A Icn at 400 V AC 50/60 Hz conforming to EN/IEC 60898-1
Standards	EN/IEC 60898-1
Product Certifications	CEBEC

### Complementary

Network Frequency	50/60 Hz
[Ue] Rated Operational Voltage	400 V AC 50/60 Hz
Magnetic Tripping Limit	5...10 x In
Limitation Class	3 conforming to EN/IEC 60898-1
[Ui] Rated Insulation Voltage	440 V AC 50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	4 kV
Control Type	Toggle
Local Signalling	ON/OFF indication
Mounting Mode	Clip-on
Mounting Support	DIN rail
Comb Busbar And Distribution Block Compatibility	Bottom: biconnect
9 Mm Pitches	8
Height	85 mm
Width	72 mm
Depth	75 mm
Embedding Depth	44 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

Net Weight	0.475 kg
Colour	White
Mechanical Durability	20000 cycles
Electrical Durability	10000 cycles AC 50/60 Hz conforming to EN/IEC 60898-1
Locking Options Description	Padlock in OFF position
Connections - Terminals	Tunnel type terminals (bottom) - <= 35 mm² - rigid Tunnel type terminals (top) - <= 35 mm² - rigid Tunnel type terminals (bottom) - <= 25 mm² - flexible Tunnel type terminals (top) - <= 25 mm² - flexible
Tightening Torque	3.5 N.m

## Environment

Ip Degree Of Protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution Degree	2 conforming to EN/IEC 60898-1
Overvoltage Category	III
Ambient Air Temperature For Operation	-25...60 °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	7.5 cm
Package 1 Width	8.2 cm
Package 1 Length	8.5 cm
Package 1 Weight	506.0 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	3
Package 2 Height	7.5 cm
Package 2 Width	8.2 cm
Package 2 Length	22.7 cm
Package 2 Weight	1.62 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	36
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	18.703 kg

## 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.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Sustainable Packaging   Transparency   RoHS/REACH

## Resource performance

✔ Sustainable Packaging

## Well-being performance

✔ Mercury Free

✔ Rohs Exemption Information   Yes

✔ Halogen Free Product

## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations