

# Product datasheet

Specifications



## Miniature circuit breaker (MCB), Resi9, 3P, 16A, C curve, 4500A (IEC/EN 60898-1)

R9F32316

### Main

Range	Resi9
Product Or Component Type	Miniature circuit-breaker
Device Application	Distribution
Poles Description	3P
Number Of Protected Poles	3
[In] Rated Current	16 A
Network Type	AC
Trip Unit Technology	Thermal-magnetic
Curve Code	C
Breaking Capacity	4500 A Icn at 400 V AC 50/60 Hz conforming to EN/IEC 60898-1
Standards	EN/IEC 60898-1

### Complementary

Network Frequency	50/60 Hz
[Ue] Rated Operational Voltage	400 V AC 50/60 Hz
Magnetic Tripping Limit	5...10 x In AC
Limitation Class	3 conforming to EN/IEC 60898-1
[Ui] Rated Insulation Voltage	440 V AC
[Uimp] Rated Impulse Withstand Voltage	4 kV
Control Type	Toggle
Local Signalling	ON/OFF indication
Mounting Mode	Clip-on
Mounting Support	DIN rail
9 Mm Pitches	6
Height	81 mm
Width	54 mm
Depth	72 mm
Embedding Depth	44 mm
Net Weight	240 g
Colour	White (RAL 9003)
Mechanical Durability	20000 cycles

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

<b>Electrical Durability</b>	10000 cycles
<b>Connections - Terminals</b>	Tunnel type terminals (top or bottom) - 1...25 mm <sup>2</sup> - rigid Tunnel type terminals (top or bottom) - 1...16 mm <sup>2</sup> - flexible with ferrule Tunnel type terminals (top or bottom) - 1...16 mm <sup>2</sup> - flexible
<b>Wire Stripping Length</b>	14 mm
<b>Tightening Torque</b>	2 N.m
<b>Earth-Leakage Protection</b>	Without

## Environment

<b>Ip Degree Of Protection</b>	IP20
<b>Pollution Degree</b>	2 conforming to EN/IEC 60898-1
<b>Overvoltage Category</b>	III
<b>Tropicalisation</b>	2 conforming to IEC 60068-1
<b>Relative Humidity</b>	95 % at 55 °C
<b>Ambient Air Temperature For Operation</b>	-25...60 °C
<b>Ambient Air Temperature For Storage</b>	-40...60 °C

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	5.3 cm
<b>Package 1 Width</b>	7.5 cm
<b>Package 1 Length</b>	8.5 cm
<b>Package 1 Weight</b>	286.75 g
<b>Unit Type Of Package 2</b>	BB1
<b>Number Of Units In Package 2</b>	4
<b>Package 2 Height</b>	9 cm
<b>Package 2 Width</b>	9 cm
<b>Package 2 Length</b>	22 cm
<b>Package 2 Weight</b>	1.188 kg
<b>Unit Type Of Package 3</b>	S03
<b>Number Of Units In Package 3</b>	48
<b>Package 3 Height</b>	30 cm
<b>Package 3 Width</b>	30 cm
<b>Package 3 Length</b>	40 cm
<b>Package 3 Weight</b>	14.707 kg

## 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 >](#)



Transparency RoHS/REACH

## Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information Yes

## Certifications & Standards

**Reach Regulation**

[REACH Declaration](#)

**Eu Rohs Directive**

Compliant

[EU RoHS Declaration](#)

**China Rohs Regulation**

[China RoHS declaration](#)

Pro-active China RoHS declaration (out of China RoHS legal scope)

**Environmental Disclosure**

[Product Environmental Profile](#)

**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