

Product datasheet

Specifications



Residual current circuit breaker (RCCB), Resi9, 2P, 25A, AC type, 30mA

R9R51225

Main

Range	Resi9
Product Or Component Type	Residual current circuit breaker (RCCB)
Poles Description	2P
[In] Rated Current	25 A
Network Type	AC
Earth-Leakage Sensitivity	30 mA
Earth-Leakage Protection Time Delay	Instantaneous
Earth-Leakage Protection Class	Type AC
Rated Breaking And Making Capacity	Im 500 A conforming to EN/IEC 61008
Rated Conditional Short-Circuit Current	I _{nc} 6 kA
Quality Labels	EAC UA TR

Complementary

Network Frequency	50/60 Hz
[U _e] Rated Operational Voltage	230 V AC 50/60 Hz
Residual Current Tripping Technology	Voltage independent
[U _i] Rated Insulation Voltage	440 V
[U _{imp}] Rated Impulse Withstand Voltage	4 kV
Surge Current	250 A
Control Type	Toggle
Local Signalling	ON/OFF indication
Mounting Mode	Clip-on
Mounting Support	DIN rail
9 Mm Pitches	4
Height	81 mm
Width	36 mm
Depth	73 mm
Net Weight	180 g
Embedding Depth	44 mm
Colour	White

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

Mechanical Durability	20000 cycles
Electrical Durability	10000 cycles
Connections - Terminals	Tunnel type terminals (top or bottom) - 1...35 mm ² - rigid Tunnel type terminals (top or bottom) - 1...25 mm ² - flexible Tunnel type terminals (top or bottom) - 1...25 mm ² - flexible with ferrule
Wire Stripping Length	15 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
Pollution Degree	2
Overvoltage Category	III
Tropicalisation	2 conforming to IEC 60068-1
Relative Humidity	95 % at 55 °C
Ambient Air Temperature For Operation	-5...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	4 cm
Package 1 Width	8.5 cm
Package 1 Length	9 cm
Package 1 Weight	206 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	54
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	11.531 kg
Unit Type Of Package 3	P12
Number Of Units In Package 3	432
Package 3 Height	45 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	104.248 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-CO₂ 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

Mercury Free

Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)
Product out of China RoHS scope. Substance declaration for your information

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