

# Product data sheet

Specifications



## Resi 9 modular surge arrester 1P+N

R9L16610

### Main

Range Of Product	Resi9
Product Or Component Type	Surge arrester
Device Short Name	Resi9 Quick PF
Poles Description	1P + N
Remote Signalling	Without
Surge Arrester Type	Electrical distribution network
Earthing System	TN-S TT

### Complementary

Surge Arrester Class Type	Type 2
Surge Arrester Technology	MOV + GDT
[Ue] Rated Operational Voltage	230 V +/- 10 % AC 50/60 Hz
[In] Nominal Discharge Current	Differential mode: 5 kA (L/N) Common mode: 10 kA (N/PE)
[Imax] Maximum Discharge Current	Common mode: 10 kA N/PE Differential mode: 10 kA L/N
[Uc] Maximum Continuous Operating Voltage	Common mode: 275 V N/PE Differential mode: 275 V L/N
Response Time	<= 25 ns
Maximum [Up] Voltage Protection Level	Common mode <1.5 kV type 2 N/PE Differential mode <1.5 kV type 2 L/N
[Ut] Temporary Overvoltage	337 V L/N 5 s withstand 1200 V N/PE 200 ms safe failure mode 442 V L/PE 5 s withstand
[Ifi] Follow Current	0.1 kA common mode N/PE
[Iscrr] Short-Circuit Current Rating	6 kA
Local Signalling	White/red flag
Disconnecter Device Type	Integrated circuit breaker - Icu 6 kA
Mounting Mode	Clip-on
Mounting Support	DIN rail
9 Mm Pitches	4
Height	109.7 mm
Width	36 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

Depth	72.1 mm
Colour	White (RAL 9003)
Maximum Residual Current	1 mA
Connections - Terminals	Tunnel type terminal (downside) 2.5...25 mm² Tunnel type terminal (upside) 2.5...25 mm²
Tightening Torque	2 N.m
Provided Equipment	Pre-fitted PE earth cable 1 busbar with 18 mm pitch pre-wired 1 intermediary terminal block 1 busbar with 9 mm pitch

## Environment

Standards	EN 61643-11:2012 IEC 61643-11:2011
Quality Labels	NF
Ik Degree Of Protection	IK03 conforming to IEC 62262
Relative Humidity	5...95 %
Ambient Air Temperature For Operation	-5...40 °C
Ambient Air Temperature For Storage	-40...85 °C

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	8 cm
Package 1 Width	12 cm
Package 1 Length	15 cm
Package 1 Weight	412 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	14
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	6.452 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 >](#)



Transparency   RoHS/REACH

## 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	<a href="#">End of Life Information</a>