

Product data sheet

Specifications



Resi 9 modular surge arrester 3P+N

R9L16710

Main

Range Of Product	Resi9
Product Or Component Type	Surge arrester
Device Short Name	Resi9 Quick PF
Poles Description	3P + N
Remote Signalling	Without
Surge Arrester Type	Electrical distribution network
Earthing System	TT TN-S

Complementary

Surge Arrester Class Type	Type 2
Surge Arrester Technology	MOV + GDT
[Ue] Rated Operational Voltage	230 V +/- 10 % AC 50/60 Hz 400 V +/- 10 % AC 50/60 Hz
[In] Nominal Discharge Current	Differential mode: 5 kA (L/N) Common mode: 20 kA (N/PE)
[Imax] Maximum Discharge Current	Differential mode: 10 kA L/N Common mode: 20 kA N/PE
[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	10
Height	106.8 mm
Width	88.4 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	74.1 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 intermediary terminal block

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	8.200 cm
Package 1 Width	12.000 cm
Package 1 Length	15.500 cm
Package 1 Weight	673.000 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	14
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	9.901 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-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[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	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	End of Life Information