

Product data sheet

Specifications



Repacked, modular surge arrester, Acti9, 3P+N, 275VAC

A9L16618W



This repacked option saves 5.858 over the standard condition

Main

Range of product	IQuick PF
range of product	Acti9
Product name	Acti9 PF
Product or component type	Surge arrester
Device short name	iQuick PF
Device application	Distribution
Standards	EN 61643-11:2012 IEC 61643-11:2011
Product certifications	CE
Quality labels	NF
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	230/400 V AC (+/- 10 %) at 50/60 Hz
Nominal discharge current	Common mode: 20 kA (N/PE) Differential mode: 5 kA (L/N)
Maximum discharge current	Common mode: 20 kA N/PE Differential mode: 10 kA L/N
[Uc] maximum continuous operating voltage	Differential mode: 275 V L/N Common mode: 275 V L/PE
Maximum [Up] voltage protection level	Common mode <1.5 kV type 2 L/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
Short-circuit withstand	6 kA
Disconnecter device type	Integrated circuit breaker - Icu 6 kA
Mounting mode	Clip-on (DIN rail)

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

9 mm pitches	9.8
Height	106.7 mm
Width	88.4 mm
Depth	74.1 mm
Product weight	640 g
Colour	White (RAL 9003)
[Ipe] Ground residual current	1 mA
Connections - terminals	Tunnel type terminal (L/N) 1...16 mm² rigid Tunnel type terminal (ground) 10...25 mm² rigid Tunnel type terminal (L/N) 1...16 mm² flexible Tunnel type terminal (ground) 10...25 mm² flexible Tunnel type terminal (L/N) 1...16 mm² flexible with ferrule Tunnel type terminal (ground) 10...25 mm² flexible with ferrule
Wire stripping length	13 mm
Tightening torque	2 N.m
Compatibility code	IQuick PF

Environment

IK degree of protection	IK03 conforming to IEC 62262
Relative humidity	5...95 %
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...80 °C
Circular nature	Repacked

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.500 cm
Package 1 Width	11.500 cm
Package 1 Length	13.000 cm
Package 1 Weight	532.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	8
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	4.560 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Lower carbon footprint

6 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard

No

Packaging without single use plastic

No

SCIP Number

A9614fa2-07f8-47d1-a2fe-e27b32003d8d

EU RoHS Directive

[Compliant](#)

REACH Regulation

[Reference contains Substances of Very High Concern above the threshold](#)

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins