

# Product datasheet

Specifications



## iQuick PF modular surge arrester - 3 poles + N - 275V

A9L16618

⚠ Discontinued on: Sep 12, 2025 AD

⚠ End-of-service on: Dec 31, 2025 AD

⚠ Discontinued

### 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)
9 mm pitches	9.8
Height	106.7 mm
Width	88.4 mm
Depth	74.1 mm
Net weight	640 g
Colour	White (RAL 9003)
[Ipe] Ground residual current	1 mA
Connections - terminals	Tunnel type terminal (L/N) 1...16 mm <sup>2</sup> rigid Tunnel type terminal (L/N) 1...10 mm <sup>2</sup> flexible Tunnel type terminal (ground) 6...25 mm <sup>2</sup> rigid Tunnel type terminal (ground) 6...16 mm <sup>2</sup> 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

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.000 cm
Package 1 Width	12.000 cm
Package 1 Length	15.500 cm
Package 1 Weight	666.000 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	9.760 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

[Environmental Disclosure](#)

[Product Environmental Profile](#)

## Use Better



### Materials and Substances

Packaging made with recycled cardboard

No

Packaging without single use plastic

Yes

SCIP Number

36bd7a2b-cb04-4d2b-af9d-7207cb06cb52

Halogen-free status

Product contains halogen above thresholds

PVC free

No

## Use Longer



### Lifetime extension

Repair

No

## Use Again



### Repack and remanufacture

Take-back

No

WEEE Label



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