

Product datasheet

Specifications



iQuick PF modular surge arrester - 1 pole + N - 275V

A9L16617

⚠ Discontinued on: 01 Dec 2024

⚠ To be 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	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 AC (+/- 10 %) at 50/60 Hz
Nominal discharge current	Differential mode: 5 kA (L/N) Common mode: 10 kA (N/PE)
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
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
Short-circuit withstand	6 kA
Disconnecter device type	Integrated circuit breaker - Icu 6 kA

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

Mounting mode	Clip-on (DIN rail)
9 mm pitches	4
Height	109.7 mm
Width	36 mm
Depth	72.1 mm
Colour	White (RAL 9003)
[Ipe] Ground residual current	1 mA
Connections - terminals	Tunnel type terminal (L/N) 1...16 mm² rigid Tunnel type terminal (L/N) 1...10 mm² flexible Tunnel type terminal (ground) 6...25 mm² rigid Tunnel type terminal (ground) 6...16 mm² flexible with ferrule
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	-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	6.500 cm
Package 1 Width	8.500 cm
Package 1 Length	11.000 cm
Package 1 Weight	263.000 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	4.194 kg

Contractual warranty

Warranty (in months)	18
----------------------	----



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
EU RoHS Directive	Compliant with Exemptions
SCIP Number	36bd7a2b-cb04-4d2b-af9d-7207cb06cb52
REACH Regulation	REACH Declaration
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