

Product data sheet

Characteristics

A9L16618

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



Main

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
[In] nominal discharge current	Common mode: 20 kA (N/PE) Differential mode: 5 kA (L/N)
[Imax] 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
[Iscrr] short-circuit current rating	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 ² rigid Tunnel type terminal (ground) 10...25 mm ² rigid Tunnel type terminal (L/N) 1...16 mm ² flexible Tunnel type terminal (ground) 10...25 mm ² flexible Tunnel type terminal (L/N) 1...16 mm ² flexible with ferrule Tunnel type terminal (ground) 10...25 mm ² flexible with ferrule
Wire stripping length	13 mm
Tightening torque	2 N.m


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	8.5 cm
Package 1 Width	12.5 cm
Package 1 Length	15.5 cm
Package 1 Weight	668 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	9.858 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Halogen content performance	Halogen free product

Contractual warranty

Warranty	18 months
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