

Product datasheet

Specifications



iPF K 20 modular surge arrester - 3 poles - 340V

A9L15597

⚠ Discontinued on: 1 Nov 2020

⚠ Discontinued

Main

Range of product	IPF K
range of product	Acti9
Product name	Acti9 iPF K
Product or component type	Surge arrester
Device short name	iPF K
Device application	Distribution
Standards	IEC 61643-11:2011
Product certifications	CE EAC
Poles description	3P
Remote signalling	Without
Surge arrester type	Electrical distribution network
Earthing system	TN-C IT 230

Complementary

Surge arrester class type	Type 2
Surge arrester technology	MOV
[Ue] rated operational voltage	400 V AC (+/- 10 %) at 50/60 Hz
Nominal discharge current	Common mode: 5 kA (L/PE) Common mode: 5 kA (N/PE)
Maximum discharge current	Common mode: 20 kA L/PE
[Uc] maximum continuous operating voltage	Common mode: 340 V L/PE
Maximum [Up] voltage protection level	Common mode <1.1 kV type 2 L/PE
[Ut] temporary overvoltage	337 V L/N 5 s withstand 442 V L/PE 5 s withstand 1200 V N/PE 200 ms withstand 1453 V L/PE 200 ms withstand
Disconnecter device type	Associated circuit breaker iK60N 20 A curve C - Icu 6 kA Associated fuse gG 25 A - Icu 25 kA
Signalling circuit voltage	0.25 A/250 V AC 50/60 Hz
Mounting mode	Clip-on (DIN rail)
9 mm pitches	8
Height	81 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

Width	72 mm
Depth	69 mm
Net weight	335 g
Colour	White (RAL 9003)
[Ipe] Ground residual current	25 mA
Connections - terminals	Tunnel type terminal (top or bottom) 25 mm² rigid Tunnel type terminal (top or bottom) 16 mm² flexible Tunnel type terminal (top or bottom) 16 mm² flexible with ferrule
Wire stripping length	11 mm
Tightening torque	3.5 N.m
Compatibility code	IPF K 20
Market segment	Small commercial

Environment

IK degree of protection	IK03 conforming to IEC 62262
Relative humidity	5...95 %
Operating altitude	2000 m
Ambient air temperature for operation	-25...60 °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	7.400 cm
Package 1 Width	8.800 cm
Package 1 Length	8.000 cm
Package 1 Weight	327.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	3
Package 2 Height	8.000 cm
Package 2 Width	9.200 cm
Package 2 Length	27.500 cm
Package 2 Weight	1.041 kg
Unit Type of Package 3	S03
Number of Units in Package 3	36
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	13.007 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 Packaging

Packaging made with recycled cardboard

No

Packaging without single use plastic

No

SCIP Number

Ec26faec-98a0-459c-a074-3304f952235b

EU RoHS Directive

[Compliant By Exemption](#)

REACH Regulation

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

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

End of life manual availability

[End of Life Information](#)

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