

Product data sheet

Specifications



iPF K 20 modular surge arrester - 1 pole + N - 340V

A9L15692

Main

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	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
[In] nominal discharge current	Common mode: 5 kA (L/PE) Common mode: 5 kA (N/PE) Differential mode: 5 kA (L/N)
[Imax] maximum discharge current	Common mode: 20 kA L/PE Common mode: 20 kA N/PE Differential mode: 20 kA L/N
[Uc] maximum continuous operating voltage	Common mode: 340 V L/PE Common mode: 260 V N/PE Differential mode: 340 V L/N
Maximum [Up] voltage protection level	Common mode <1.5 kV type 2 N/PE Differential mode <1.1 kV type 2 L/N
[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	4
Height	81 mm
Width	36 mm
Depth	69 mm
Net weight	210 g
Colour	White (RAL 9003)
[Ipe] Ground residual current	0.003 mA
Connections - terminals	Tunnel type terminal (top or bottom) 25 mm ² rigid Tunnel type terminal (top or bottom) 16 mm ² flexible Tunnel type terminal (top or bottom) 16 mm ² flexible with ferrule
Wire stripping length	11 mm
Tightening torque	3.5 N.m

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
Package 1 Length	8.5 cm
Number of Units in Package 1	1
Package 3 Width	30.0 cm
Package 3 Weight	16.35 kg
Package 2 Width	9.0 cm
Package 2 Height	10.0 cm
Package 2 Weight	1.319 kg
Number of Units in Package 3	72
Unit Type of Package 3	S03
Package 3 Height	30.0 cm
Package 3 Length	40.0 cm
Package 1 Width	4.5 cm
Package 1 Height	7.0 cm
Package 1 Weight	204.0 g
Number of Units in Package 2	6
Unit Type of Package 2	BB1
Package 2 Length	28.0 cm

Offer Sustainability

REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant

[EU RoHS Declaration](#)

Mercury free	Yes
---------------------	-----

RoHS exemption information	Yes
-----------------------------------	---------------------

China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
------------------------------	---

Contractual warranty

Warranty	18 months
-----------------	-----------