

Product data sheet

Specifications



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

A9L15691

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	EAC CE
Poles description	1P
Remote signalling	Without
Surge arrester type	Electrical distribution network
Earthing system	IT 230 TN-C

Complementary

Surge arrester class type	Type 2
Surge arrester technology	MOV
[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)
[Imax] 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	2
Height	81 mm
Width	18 mm
Depth	69 mm
Net weight	125 g
Colour	White (RAL 9003)
[Ipe] Ground residual current	5 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
Number of Units in Package 1	1
Package 1 Weight	110.0 g
Package 1 Height	2.3 cm
Package 1 Width	7.3 cm
Package 1 Length	8.8 cm
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Weight	1.198 kg
Package 2 Height	10.0 cm
Package 2 Width	8.0 cm
Package 2 Length	28.0 cm
Unit Type of Package 3	S03
Number of Units in Package 3	120
Package 3 Weight	14.863 kg
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 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
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
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