

Product data sheet

Specifications



iPF K 40 modular surge arrester - 1 pole + N - 340V

A9L15687

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 + 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 V AC (+/- 10 %) at 50/60 Hz
[In] nominal discharge current	Common mode: 15 kA (L/PE) Common mode: 15 kA (N/PE) Differential mode: 15 kA (L/N)
[Imax] maximum discharge current	Common mode: 40 kA L/PE Common mode: 40 kA N/PE Differential mode: 40 kA L/N
[Uc] maximum continuous operating voltage	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 <1.5 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 40 A curve C - Icu 6 kA Associated fuse gG 63 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	9.0 cm
Number of Units in Package 1	1
Package 3 Width	30.0 cm
Package 3 Weight	15.802 kg
Package 2 Width	9.0 cm
Package 2 Height	10.0 cm
Package 2 Weight	1.303 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	7.5 cm
Package 1 Height	4.5 cm
Package 1 Weight	205.0 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
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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