



Main

Range of product	Acti 9
Product name	Acti 9 iPF K
Product or component type	Surge arrester
Device short name	IPF K
Device application	Distribution
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 (+/- 10 %) AC 50/60 Hz
[In] nominal discharge current	Differential mode : 5 kA L/N Common mode : 5 kA L/PE Common mode : 5 kA N/PE
[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 : 260 V N/PE Common mode : 340 V L/PE Differential mode : 340 V L/N
[Up] voltage protection level	<= 1.5 kV type 2 common mode N/PE <= 1.1 kV type 2 differential mode L/N
[Ut] temporary overvoltage	Withstand : 337 V L/N for 5 s Withstand : 442 V L/PE for 5 s Withstand : 1200 V N/PE for 200 ms Withstand : 1453 V L/PE for 200 ms
Disconnecter device type	Associated circuit breaker iK60N 20 A curve C - Icu 6 kA Associated fuse gG 25 A - Icu 25 kA
[Iscrr] short-circuit current rating	25 kA
Signalling circuit voltage	0.25 A/250 V AC 50/60 Hz
Mounting mode	Clip-on

Mounting support	DIN rail
9 mm pitches	4
Height	81 mm
Width	36 mm
Depth	69 mm
Product weight	210 g
Colour	White (RAL 9003)
Response time	<= 25 ns
[Ipe] Ground residual current	0.003 mA
Connections - terminals	Tunnel type terminal, top or bottom 25 mm ² cable(s) rigid Tunnel type terminal, top or bottom 16 mm ² cable(s) flexible Tunnel type terminal, top or bottom 16 mm ² cable(s) flexible with ferrule
Wire stripping length	11 mm
Tightening torque	3.5 N.m

Environment

Standards	IEC 61643-11 : 2011
Product certifications	CE EAC
IP degree of protection	On front face : IP40 conforming to IEC 60529 On terminal : IP20 conforming to IEC 60529
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

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0627 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference contains SVHC above the threshold - Go to CaP for more details Go to CaP for more details

Contractual warranty

Warranty period	18 months
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