



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	1.1 kV type 2 differential mode L/N 1.5 kV type 2 common mode N/PE
[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
[IscCR] short-circuit current rating	25 kA
Local signalling	LED color: green/red
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

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0627 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

Contractual warranty

Warranty period	18 months 12 months
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