



### Main

Range	Acti 9
Product name	Acti 9 iPF K
Product or component type	Surge arrester
Device short name	IPF K
Device application	Distribution
Poles description	3P + 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	230/400 V AC (+/- 10 %) at 50/60 Hz
Nominal discharge current	Common mode: 15 kA (L/PE) Common mode: 15 kA (N/PE) Differential mode: 15 kA (L/N)
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
Short-circuit withstand	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	8
Height	81 Mm
Width	72 Mm
Depth	69 Mm

Net weight	420 G
Colour	White (RAL 9003)
Response time	<= 25 ns
Residual current	0.003 MA
Connections - terminals	Tunnel type terminal (top or bottom) 25 mm <sup>2</sup> rigid Tunnel type terminal (top or bottom) 16 mm <sup>2</sup> flexible Tunnel type terminal (top or bottom) 16 mm <sup>2</sup> 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	IP40 on front face: conforming to IEC 60529 IP20 on terminal: 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

## Packing Units

Package 1 Weight	0.407 Kg
Package 1 Height	0.700 Dm
Package 1 width	0.720 Dm
Package 1 Length	0.810 Dm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>

## Contractual warranty

Warranty	18 months
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Product Life Status : **Commercialised**