



Main

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|---------------------------|---------------------------------|
| 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 | CE EAC |
| Poles description | 1P + N |
| Remote signalling | Without |
| Surge arrester type | Electrical distribution network |
| Earthing system | TN-S TT |

Complementary

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| 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: 5 kA (L/PE) Common mode: 5 kA (N/PE) Differential mode: 5 kA (L/N) |
| [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: 340 V L/PE 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 <1.1 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 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 | 4 |
| Height | 81 mm |
| Width | 36 mm |
| Depth | 69 mm |
| Product 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 |

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Environment

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|---------------------------------------|------------------------------|
| 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

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|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 7.0 cm |
| Package 1 Width | 4.5 cm |
| Package 1 Length | 8.5 cm |
| Package 1 Weight | 204.0 g |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 6 |
| Package 2 Height | 10.0 cm |
| Package 2 Width | 9.0 cm |
| Package 2 Length | 28.0 cm |
| Package 2 Weight | 1.319 kg |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 72 |
| Package 3 Height | 30.0 cm |
| Package 3 Width | 30.0 cm |
| Package 3 Length | 40.0 cm |
| Package 3 Weight | 16.35 kg |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |

Contractual warranty

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| Warranty | 18 months |
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