



### 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[RETURN]CE                   |
| Poles description         | 1P + N                          |
| Remote signalling         | Without                         |
| Surge arrester type       | Electrical distribution network |
| Earthing system           | TT<br>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)<br>Common mode: 15 kA (N/PE)<br>Differential mode: 15 kA (L/N)   |
| [Imax] maximum discharge current          | Common mode: 40 kA L/PE<br>Common mode: 40 kA N/PE<br>Differential mode: 40 kA L/N   |
| [Uc] maximum continuous operating voltage | Common mode: 260 V N/PE<br>Differential mode: 340 V L/N  |
| Maximum [Up] voltage protection level     | Common mode <1.5 kV type 2 N/PE<br>Differential mode <1.5 kV type 2 L/N  |
| [Ut] temporary overvoltage                | 337 V L/N 5 s withstand<br>442 V L/PE 5 s withstand<br>1200 V N/PE 200 ms withstand<br>1453 V L/PE 200 ms withstand  |
| Disconnecter device type                  | Associated circuit breaker iK60N 40 A curve C - Icu 6 kA<br>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 <sup>2</sup> rigid<br>Tunnel type terminal (top or bottom) 16 mm <sup>2</sup> flexible<br>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  |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## 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       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 4.5 cm    |
| Package 1 Width              | 7.5 cm    |
| Package 1 Length             | 9.0 cm    |
| Package 1 Weight             | 205.0 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             | 1.303 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             | 15.802 kg |

## Offer Sustainability

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