

# Product datasheet

Specifications



## iPF K 65 modular surge arrester - 3 poles + N - 340V

A9L15586

### Main

|                           |                                 |
|---------------------------|---------------------------------|
| Range of product          | IPF K                           |
| 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<br>EAC                       |
| Poles description         | 3P + N                          |
| Remote signalling         | Without                         |
| Surge arrester type       | Electrical distribution network |
| Earthing system           | TN-S<br>TT                      |

### 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: 20 kA (L/PE)<br>Common mode: 20 kA (N/PE)<br>Differential mode: 20 kA (L/N)                            |
| Maximum discharge current                 | Common mode: 65 kA L/PE<br>Common mode: 65 kA N/PE<br>Differential mode: 65 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 50 A curve C - Icu 6 kA<br>Associated fuse gG 80 A - Icu 25 kA                     |
| Signalling circuit voltage                | 0.25 A/250 V AC 50/60 Hz                                                                                            |
| Mounting mode                             | Clip-on (DIN rail)                                                                                                  |

Disclaimer: 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

|                               |                                                                                                                                                                                |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9 mm pitches                  | 8                                                                                                                                                                              |
| Height                        | 81 mm                                                                                                                                                                          |
| Width                         | 72 mm                                                                                                                                                                          |
| Depth                         | 69 mm                                                                                                                                                                          |
| Net weight                    | 335 g                                                                                                                                                                          |
| Colour                        | White (RAL 9003)                                                                                                                                                               |
| [Ipe] Ground residual current | 0.003 mA                                                                                                                                                                       |
| Connections - terminals       | Tunnel type terminal (top or bottom) 25 mm² rigid<br>Tunnel type terminal (top or bottom) 16 mm² flexible<br>Tunnel type terminal (top or bottom) 16 mm² flexible with ferrule |
| Wire stripping length         | 11 mm                                                                                                                                                                          |
| Tightening torque             | 3.5 N.m                                                                                                                                                                        |
| Compatibility code            | IPF K 65                                                                                                                                                                       |

## 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             | 7.000 cm  |
| Package 1 Width              | 7.200 cm  |
| Package 1 Length             | 8.100 cm  |
| Package 1 Weight             | 457.000 g |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 3         |
| Package 2 Height             | 8.000 cm  |
| Package 2 Width              | 9.500 cm  |
| Package 2 Length             | 27.500 cm |
| Package 2 Weight             | 1.429 kg  |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 36        |
| Package 3 Height             | 30.000 cm |
| Package 3 Width              | 30.000 cm |
| Package 3 Length             | 40.000 cm |
| Package 3 Weight             | 17.658 kg |

## Contractual warranty



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

| Environmental footprint  |                                               |
|--------------------------|-----------------------------------------------|
| Environmental Disclosure | <a href="#">Product Environmental Profile</a> |

Use Better

| Materials and Substances               |                                                                                        |
|----------------------------------------|----------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | No                                                                                     |
| Packaging without single use plastic   | No                                                                                     |
| SCIP Number                            | Ec26faec-98a0-459c-a074-3304f952235b                                                   |
| EU RoHS Directive                      | <a href="#">Compliant By Exemption</a>                                                 |
| REACH Regulation                       | <a href="#">Reference contains Substances of Very High Concern above the threshold</a> |

Use Longer

| Lifetime extension |    |
|--------------------|----|
| Repair             | No |

Use Again

| Repack and remanufacture        |                                                                                                                                                                                                                 |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| End of life manual availability | <a href="#">End of Life Information</a>                                                                                                                                                                         |
| Take-back                       | No                                                                                                                                                                                                              |
| WEEE Label                      |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |