

# Product datasheet

Specifications



## iPF65r modular surge arrester - 3 poles + N - 340V - with remote transfer

A9L15685

⚠ Discontinued on: 23 Jan 2021

⚠ Discontinued

### Main

|                             |                                 |
|-----------------------------|---------------------------------|
| Range of product            | IPF                             |
| range of product            | Acti9                           |
| Product name                | Acti9 iPF                       |
| Product or component type   | Surge arrester                  |
| Device short name           | iPF                             |
| Device application          | Distribution                    |
| Standards                   | EN 61643-11<br>IEC 61643-11     |
| Product certifications      | CE                              |
| Quality labels              | NF<br>KEMA-KEUR<br>OVE          |
| Poles description           | 3P + N                          |
| Remote signalling           | With                            |
| Signal contacts composition | 1 SD (1 C/O)                    |
| 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            | 230/400 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: 340 V L/PE<br>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                  |

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

|                            |                                                                                                                                                                                                                                                                                                                  |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Disconnecter device type   | Associated circuit breaker IC60N 50 A curve C - Icu 10 kA<br>Associated circuit breaker iC60H 50 A curve C - Icu 15 kA<br>Associated circuit breaker NG125N 50 A curve C - Icu 25 kA<br>Associated circuit breaker NG125H 50 A curve C - Icu 36 kA<br>Associated circuit breaker NG125L 50 A curve C - Icu 50 kA |
| Signalling circuit voltage | 0.25 A/250 V AC 50/60 Hz                                                                                                                                                                                                                                                                                         |
| Mounting mode              | Clip-on (DIN rail)                                                                                                                                                                                                                                                                                               |
| 9 mm pitches               | 8                                                                                                                                                                                                                                                                                                                |
| Height                     | 81.4 mm                                                                                                                                                                                                                                                                                                          |
| Width                      | 72 mm                                                                                                                                                                                                                                                                                                            |
| Depth                      | 69 mm                                                                                                                                                                                                                                                                                                            |
| Net weight                 | 0.443 kg                                                                                                                                                                                                                                                                                                         |
| Colour                     | White (RAL 9003)                                                                                                                                                                                                                                                                                                 |
| Connections - terminals    | Tunnel type terminal (downside) 2.5...35 mm²<br>Tunnel type terminal (upside) 2.5...35 mm²                                                                                                                                                                                                                       |
| Tightening torque          | 2.5 N.m                                                                                                                                                                                                                                                                                                          |
| Compatibility code         | IPF65r                                                                                                                                                                                                                                                                                                           |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| IK degree of protection               | IK03 conforming to IEC 62262 |
| Relative humidity                     | 5...90 %                     |
| 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             | 7.5 cm |
| Package 1 Width              | 8 cm   |
| Package 1 Length             | 8.5 cm |
| Package 1 Weight             | 0.5 kg |



## Environmental Data

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 >](#)

### Use Better

| Materials and Substances          |                                      |
|-----------------------------------|--------------------------------------|
| <a href="#">EU RoHS Directive</a> | Compliant with Exemptions            |
| SCIP Number                       | Acfffb32-bc17-43e8-bdb6-e04a88d3170b |
| Halogen-free status               | Halogen free plastic parts product   |

### Use Longer

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

### Use Again

| Repack and remanufacture |                                                                                                                                                                                                                 |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WEEE Label               |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |