

Product datasheet

Specifications



iPRF1 12.5r modular surge arrester. 1P + N. 350V. with remote transfert

A9L16632

⚠ Discontinued on: 11 Nov 2021

⚠ End-of-service on: 31 Mar 2022

⚠ Discontinued

Price: 7,153.46 ZAR

Main

| | |
|-----------------------------|---------------------------------------|
| Range Of Product | Acti9 |
| Product Name | Acti9 iPRF1 |
| Product Or Component Type | Surge arrester |
| Device Short Name | iPRF1 12.5r |
| Device Application | Distribution |
| Standards | EN 61643-11:2012 IEC 61643-11:2011 |
| Product Certifications | CE |
| Poles Description | 1P + N |
| Remote Signalling | With |
| Signal Contacts Composition | 1 SD (1 C/O) |
| Surge Arrester Type | Electrical distribution network |
| Earthing System | TN-S TT |

Complementary

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|-------------------------------------------|---------------------------------------------------------------------------|
| Surge Arrester Class Type | Type 1 + 2 |
| Surge Arrester Technology | MOV + GDT |
| [Ue] Rated Operational Voltage | 230 V AC (+/- 10 %) at 50 Hz |
| [In] Nominal Discharge Current | Differential mode: 25 kA (L/N) Common mode: 25 kA (N/PE) |
| [Imax] Maximum Discharge Current | 50 kA |
| [Iimp] Impulse Current | Common mode: 50 kA N/PE 25 A.s Differential mode: 12.5 kA L/N 6.25 A.s |
| [Uc] Maximum Continuous Operating Voltage | Differential mode: 350 V L/N Common mode: 350 V N/PE |
| Maximum [Up] Voltage Protection Level | Common mode <1.5 kV type 1 N/PE Differential mode <1.5 kV type 1 L/N |
| [Ifi] Follow Current | 0.1 kA common mode N/PE |
| [Iscrr] Short-Circuit Current Rating | 50 kA |

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

| | |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Disconnecter Device Type | Associated circuit breaker NG125N 80 A curve C - Icu 15 kA Associated circuit breaker NG125N 80 A curve C - Icu 25 kA Associated circuit breaker NG125H 80 A curve C - Icu 36 kA Associated circuit breaker NG125L 80 A curve C - Icu 50 kA Associated fuse gG 160 A standard Associated circuit breaker C120N 80 A curve C - Icu 10 kA |
| Signalling Circuit Voltage | 1.5 A/250 V AC 50/60 Hz |
| Mounting Mode | Clip-on (DIN rail) |
| 9 Mm Pitches | 4 |
| Height | 81.4 mm |
| Width | 36 mm |
| Depth | 71 mm |
| Net Weight | 0.29 kg |
| Colour | White (RAL 9003) |
| Material | PA6 |
| Connections - Terminals | Tunnel type terminal10...25 mm ² flexible Tunnel type terminal10...35 mm ² rigid |
| Tightening Torque | 2.5 N.m |

Environment

| | |
|----------------------------------------------|------------------------------|
| Ik Degree Of Protection | IK05 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...80 °C |

Contractual warranty

| | |
|-----------------|-----------|
| Warranty | 18 months |
|-----------------|-----------|

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

Reach Free Of Svhc

Toxic Heavy Metal Free

Mercury Free

Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation

[REACH Declaration](#)

Eu Rohs Directive

Compliant

[EU RoHS Declaration](#)

China Rohs Regulation

[China RoHS declaration](#)

Pro-active China RoHS declaration (out of China RoHS legal scope)

Environmental Disclosure

[Product Environmental Profile](#)

Weee

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile

No need of specific recycling operations