

# Product datasheet

Specifications



## A9L16634. iPRF1 12.5r modular surge arrester. 3P + N. 350V. with remote transfert

A9L16634

! Discontinued on: 17 Mar 2022

! To be end-of-service on: 03 May 2025

! Discontinued

**Price: 14,778.24 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 EAC
Poles Description	3P + N
Remote Signalling	With
Signal Contacts Composition	1 SD (1 C/O)
Surge Arrester Type	Electrical distribution network
Earthing System	TT TN-S

### Complementary

Surge Arrester Class Type	Type 1 + 2
Surge Arrester Technology	MOV + GDT
[Ue] Rated Operational Voltage	230/400 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: 255 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

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

<b>Disconnecter Device Type</b>	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
<b>Signalling Circuit Voltage</b>	1.5 A/250 V AC 50/60 Hz
<b>Mounting Mode</b>	Clip-on (DIN rail)
<b>9 Mm Pitches</b>	8
<b>Height</b>	84 mm
<b>Width</b>	72 mm
<b>Depth</b>	71 mm
<b>Net Weight</b>	590 g
<b>Colour</b>	White (RAL 9003)
<b>Material</b>	PA6
<b>Connections - Terminals</b>	Tunnel type terminal10...35 mm <sup>2</sup> rigid Tunnel type terminal10...25 mm <sup>2</sup> flexible
<b>Tightening Torque</b>	2.5 N.m

## Environment

<b>Ik Degree Of Protection</b>	IK05 conforming to IEC 62262
<b>Relative Humidity</b>	5...95 %
<b>Operating Altitude</b>	2000 m
<b>Ambient Air Temperature For Operation</b>	-25...60 °C
<b>Ambient Air Temperature For Storage</b>	-40...80 °C

## Contractual warranty

<b>Warranty</b>	18 months
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## 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-CO<sub>2</sub> products.

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

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[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