Product datasheet

Specifications

Green Premium™

Discontinued

iPRF1 12.5r modular surge arrester - 3P + N - 350V - with remote transfert

A9L16634

Discontinued on: 2 Dec 2020

End-of-service on: 24 Jun 2021

EAN Code: 3606480387241

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

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

Disconnector 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	8
Height	84 mm
Width	72 mm
Depth	71 mm
Net Weight	590 g
Colour	White (RAL 9003)
Material	PA6
Connections - Terminals	Tunnel type terminal10…35 mm² rigid Tunnel type terminal10…25 mm² flexible
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-CO_2 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