

Product datasheet

Specifications



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

A9L16634

! Discontinued

! Discontinued on: 2 Dec 2020

! End-of-service on: 24 Jun 2021

EAN Code: 3606480387241

Main

Range of product	IPRF1
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
Nominal discharge current	Differential mode: 25 kA (L/N) Common mode: 25 kA (N/PE)
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
Short-circuit withstand	25 kA

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	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 mm ² rigid Tunnel type terminal10...25 mm ² flexible
Tightening torque	2.5 N.m
Impulse current	12.5 kA
Compatibility code	IPRF1 12.5r
Market segment	Small commercial Residential

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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Contractual warranty

Warranty	18 months
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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 >](#)

Environmental footprint

[Environmental Disclosure](#)

[Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard

Yes

[EU RoHS Directive](#)

Compliant


Use Again

Repack and remanufacture

End of life manual availability

No need of specific recycling operations

WEEE Label

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