Product datasheet

Specifications

iPRD40r modular surge arrester - 1P + N - 350V - with remote transfert

A9L40501

Main

Range Of Product	Acti9
Product Name	Acti9 iPRD
Product Or Component Type	Surge arrester with pluggable cartridge
Device Short Name	iPRD40r
Device Application	Distribution
Standards	EN 61643-11:2012 IEC 61643-11:2011
Product Certifications	CE
Quality Labels	NF KEMA-KEUR
Poles Description	1P + 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 2
Surge Arrester Technology	MOV + GDT
[Ue] Rated Operational Voltage	230/400 V AC (+/- 10 %) at 50/60 Hz
[In] Nominal Discharge Current	Common mode: 15 kA (L/PE) Common mode: 15 kA (N/PE) Differential mode: 15 kA (L/N)
[Imax] Maximum Discharge Current	Common mode: 40 kA L/PE Common mode: 40 kA N/PE Differential mode: 40 kA L/N
[Uc] Maximum Continuous Operating Voltage	Common mode: 260 V N/PE Differential mode: 350 V L/N
Maximum [Up] Voltage Protection Level	Common mode <1.4 kV type 2 N/PE Differential mode <1.6 kV type 2 L/N
[Ut] Temporary Overvoltage	337 V L/N 5 s withstand 1200 V N/PE 200 ms safe failure mode 442 V L/PE 5 s withstand 1455 V L/PE 200 ms safe failure mode

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 iC60H 40 A curve C - Icu 15 kA Associated circuit breaker IC60N 40 A curve C - Icu 10 kA Associated circuit breaker NG125H 40 A curve C - Icu 36 kA Associated circuit breaker NG125L 40 A curve C - Icu 50 kA Associated circuit breaker NG125N 40 A curve C - Icu 25 kA Associated fuse gG 63 A - Icu 15 kA Associated fuse gG 80 A - Icu 50 kA
Signalling Circuit Voltage	0.25 A/250 V AC 50/60 Hz
Mounting Mode	Clip-on (DIN rail)
9 Mm Pitches	4
Height	85 mm
Width	36 mm
Depth	69 mm
Net Weight	220 g
Colour	White (RAL 9003)
[Ipe] Ground Residual Current	0.003 mA 0.6 mA
Connections - Terminals	Tunnel type terminal (top or bottom) 4…16 mm² flexible Tunnel type terminal (top or bottom) 4…16 mm² flexible with ferrule Tunnel type terminal (top or bottom) 2.5…25 mm² rigid
Wire Stripping Length	14 mm
Tightening Torque	3.5 N.m

Environment

Ik Degree Of Protection	IK03 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…85 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	4.2 cm
Package 1 Width	7.2 cm
Package 1 Length	9.2 cm
Package 1 Weight	248 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	6
Package 2 Height	8.5 cm
Package 2 Width	10 cm
Package 2 Length	27.8 cm
Package 2 Weight	1.561 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	54

Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	14.552 kg

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

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
Circularity Profile	End of Life Information