

Product datasheet

Specifications



iPRD20r modular surge arrester - 3P + N - 350V - with remote transfert

Local distributor code:
402640547 A9L20601

EAN Code: 3606480506437

Main

Range Of Product	Acti9
Product Name	Acti9 iPRD
Product Or Component Type	Surge arrester with pluggable cartridge
Device Short Name	iPRD20r
Device Application	Distribution
Standards	EN 61643-11:2012 IEC 61643-11:2011
Product Certifications	CE
Quality Labels	NF KEMA-KEUR
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 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: 5 kA (L/PE) Common mode: 5 kA (N/PE) Differential mode: 5 kA (L/N)
[Imax] Maximum Discharge Current	Common mode: 20 kA L/PE Common mode: 20 kA N/PE Differential mode: 20 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	Differential mode <1.2 kV type 2 L/N Common mode <1.4 kV type 2 N/PE
[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

Disconnecter Device Type	Associated circuit breaker IC60N 20 A curve C - Icu 10 kA Associated circuit breaker iC60H 20 A curve C - Icu 15 kA Associated circuit breaker iC60L 20 A curve C - Icu 25 kA Associated circuit breaker NG125H 20 A curve C - Icu 36 kA Associated circuit breaker NG125L 20 A curve C - Icu 50 kA Associated fuse gG 40 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	8
Height	85 mm
Width	72 mm
Depth	69 mm
Net Weight	450 g
Colour	White (RAL 9003)
[Ipe] Ground Residual Current	0.003 mA 0.6 mA
Connections - Terminals	Tunnel type terminal (top or bottom) 2.5...25 mm² rigid Tunnel type terminal (top or bottom) 4...16 mm² flexible Tunnel type terminal (top or bottom) 4...16 mm² flexible with ferrule
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	8 cm
Package 1 Width	8 cm
Package 1 Length	9 cm
Package 1 Weight	455 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	3
Package 2 Height	9 cm
Package 2 Width	10 cm
Package 2 Length	28 cm
Package 2 Weight	1.427 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	27

Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	13.384 kg

Contractual warranty

Warranty	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-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

 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