Product datasheet

Specifications





iPRD20 modular surge arrester - 2P - 350V

A9L20200

() Discontinued on: Nov 1, 2020

Main

Range Of Product Acti9 Product Name Acti9 iPRD Product Or Component Type Surge arrester with pluggable cartridge Device Short Name iPRD20 Device Application Distribution Standards EN 61643-11:2012 IEC 61643-11:2011 Product Certifications CE Quality Labels NF KEMA-KEUR Poles Description 2P Remote Signalling Without Surge Arrester Type Electrical distribution network		
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Quality Labels NF KEMA-KEUR Poles Description 2P Remote Signalling Without Surge Arrester Type Electrical distribution network	Standards	
KEMA-KEUR Poles Description 2P Remote Signalling Without Surge Arrester Type Electrical distribution network	Product Certifications	CE
Remote Signalling Without Surge Arrester Type Electrical distribution network	Quality Labels	
Surge Arrester Type Electrical distribution network	Poles Description	2P
	Remote Signalling	Without
	Surge Arrester Type	Electrical distribution network
	Earthing System	TN-C-S

Complementary

Surge Arrester Class Type	Type 2
Surge Arrester Technology	MOV
[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)
[Imax] Maximum Discharge Current	Common mode: 20 kA L/PE Common mode: 20 kA N/PE
[Uc] Maximum Continuous Operating Voltage	Common mode: 350 V L/PE Common mode: 350 V N/PE
Maximum [Up] Voltage Protection Level	Common mode <1.1 kV type 2 L/PE Common mode <1.1 kV type 2 N/PE
[Ut] Temporary Overvoltage	337 V L/N 5 s withstand 1200 V N/PE 200 ms safe failure mode
Disconnector 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
Mounting Mode	Clip-on (DIN rail)

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9 Mm Pitches	4	
Height	85 mm	
Width	36 mm	
Depth	69 mm	
Net Weight	0.216 kg	
Colour	White (RAL 9003)	
[Ipe] Ground Residual Current	0.003 mA 0.6 mA	
Connections - Terminals	Tunnel type terminal (downside) 2.535 mm ² Tunnel type terminal (upside) 2.535 mm ²	
Tightening Torque	2.5 N.m	

Environment

Ik Degree Of Protection	IK03 conforming to IEC 62262
Relative Humidity	595 %
Operating Altitude	2000 m
Ambient Air Temperature For Operation	-2560 °C
Ambient Air Temperature For Storage	-4085 °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	242 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	6
Package 2 Height	8.5 cm
Package 2 Width	10.2 cm
Package 2 Length	27.8 cm
Package 2 Weight	1.515 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	14.2 kg

Contractual warranty

Warranty

18 months

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass 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
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information