

Product datasheet

Specifications



iQuick PRD20r modular surge arrester - 1 pole + N - 350V - with remote transfer

A9L 16295

Main

Range Of Product	Acti9
Product Name	Acti9 iQuick PRD
Product Or Component Type	Surge arrester with pluggable cartridge
Device Short Name	iQuick PRD20r
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 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: 264 V N/PE Differential mode: 350 V L/N
Maximum [Up] Voltage Protection Level	Common mode <1.7 kV type 2 N/PE Differential mode <1.7 kV type 2 L/N
[Ut] Temporary Overvoltage	1200 V N/PE 200 ms withstand 415 V L/N 5 s withstand 440 V L/N 7200 s safe failure mode
[Iscrr] Short-Circuit Current Rating	25 kA
Disconnecter Device Type	Integrated circuit breaker - Icu 25 kA

Signalling Circuit Voltage	2 A/250 V AC 50/60 Hz
Mounting Mode	Clip-on (DIN rail)
9 Mm Pitches	8
Height	91.4 mm
Width	72 mm
Depth	75.9 mm
Net Weight	435 g
Colour	White (RAL 9003)
[Ipe] Ground Residual Current	1 mA
Connections - Terminals	Tunnel type terminal (L/N) 2.5...25 mm ² rigid Tunnel type terminal (ground) 2.5...25 mm ² rigid Tunnel type terminal (L/N) 2.5...25 mm ² flexible Tunnel type terminal (ground) 2.5...25 mm ² flexible Tunnel type terminal (L/N) 2.5...35 mm ² flexible with ferrule Tunnel type terminal (ground) 2.5...25 mm ² flexible with ferrule
Wire Stripping Length	11 mm
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

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	9.0 cm
Package 1 Width	9.0 cm
Package 1 Length	10.0 cm
Package 1 Weight	481.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	27
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	13.433 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.



Transparency RoHS/REACH

Well-being performance

Mercury Free

Rohs Exemption Information Yes

Halogen Free Plastic Parts & Cables Product

Certifications & Standards

Reach Regulation

[REACH Declaration](#)

Eu Rohs Directive

Compliant with Exemptions

China Rohs Regulation

[China RoHS declaration](#)

Product out of China RoHS scope. Substance declaration for your information

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