

# Product datasheet

Specifications



## iQuick PRD8r modular surge arrester - 1 pole + N - 350V - with remote transfer

A9L 16298

### Main

Range Of Product	Acti9
Product Name	Acti9 iQuick PRD
Product Or Component Type	Surge arrester with pluggable cartridge
Device Short Name	iQuick PRD8r
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	TN-S TT

### Complementary

Surge Arrester Class Type	Type 2 + 3
Surge Arrester Technology	MOV + GDT
[Ue] Rated Operational Voltage	230 V AC (+/- 10 %) at 50/60 Hz
[In] Nominal Discharge Current	Common mode: 2 kA (L/PE) Common mode: 2 kA (N/PE) Differential mode: 2 kA (L/N)
[Imax] Maximum Discharge Current	Common mode: 8 kA L/PE Common mode: 8 kA N/PE Differential mode: 8 kA L/N
[Uoc] Open Circuit Voltage	10 kV type 3 common mode L/PE 10 kV type 3 common mode N/PE 10 kV type 3 differential mode L/N
[Uc] Maximum Continuous Operating Voltage	Common mode: 264 V N/PE Common mode: 350 V L/PE Differential mode: 350 V L/N
Maximum [Up] Voltage Protection Level	Common mode <1.5 kV type 2 L/PE Common mode <1.7 kV type 2 N/PE Differential mode <1.2 kV type 2 L/N Common mode <1.4 kV type 3 L/PE Differential mode <1.4 kV type 3 L/N Common mode <1.5 kV type 3 N/PE

<b>Disconnecter Device Type</b>	Integrated circuit breaker - Icu 25 kA
<b>Signalling Circuit Voltage</b>	2 A/250 V AC 50/60 Hz
<b>Mounting Mode</b>	Clip-on (DIN rail)
<b>9 Mm Pitches</b>	8
<b>Height</b>	94 mm
<b>Width</b>	72 mm
<b>Depth</b>	75.9 mm
<b>Net Weight</b>	0.43 kg
<b>Colour</b>	White (RAL 9003)
<b>Connections - Terminals</b>	Tunnel type terminal (downside) 2.5...25 mm <sup>2</sup> Tunnel type terminal (upside) 2.5...25 mm <sup>2</sup>
<b>Tightening Torque</b>	2.5 N.m

## Environment

<b>IK Degree Of Protection</b>	IK05 conforming to IEC 62262
<b>Relative Humidity</b>	5...90 %
<b>Operating Altitude</b>	2000 m
<b>Ambient Air Temperature For Operation</b>	-25...60 °C
<b>Ambient Air Temperature For Storage</b>	-40...70 °C

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	9.0 cm
<b>Package 1 Width</b>	9.0 cm
<b>Package 1 Length</b>	10.0 cm
<b>Package 1 Weight</b>	488.0 g
<b>Unit Type Of Package 2</b>	S03
<b>Number Of Units In Package 2</b>	27
<b>Package 2 Height</b>	30.0 cm
<b>Package 2 Width</b>	30.0 cm
<b>Package 2 Length</b>	40.0 cm
<b>Package 2 Weight</b>	13.889 kg

## Contractual warranty

<b>Warranty</b>	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-CO<sub>2</sub> 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