# **Product datasheet**

Specifications





## iQuick PRD20r modular surge arrester - 3 poles + N - 350V - with remote transfer

A9L16297

#### Main

range of product Acti9   Product name Acti9 iQuick PRD   Product or component type Surge arrester with plu   Device short name iQuick PRD20r	ıggable cartridge
Product or component type Surge arrester with plu	ıggable cartridge
	ıggable cartridge
Device short name iQuick PRD20r	
Device application Distribution	
Standards     EN 61643-11:2012       IEC 61643-11:2011	
Product certifications CE	
Quality labels KEMA-KEUR NF	
poles description 3P + N	
Remote signalling With	
Signal contacts composition     1 SD (1 C/O)	
Surge arrester type Electrical distribution r	ietwork
Earthing system TT TN-S	

# Complementary

Surge arrester class type	Туре 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: 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 <1.5 kV type 2 N/PE Differential mode <1.5 kV type 2 L/N
Disconnector 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	14.6

Height	94 mm	
Width	131.5 mm	
Depth	75.9 mm	
Net weight	0.84 kg	
Colour	White (RAL 9003)	
Connections - terminals	Tunnel type terminal (downside) 2.525 mm <sup>2</sup> Tunnel type terminal (upside) 2.525 mm <sup>2</sup>	
Tightening torque	2.5 N.m	

#### Environment

IK degree of protection	IK05 conforming to IEC 62262
Relative humidity	595 %
Operating altitude	2000 m
Ambient air temperature for operation	-2560 °C
Ambient air temperature for storage	-4070 °C

# **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.000 cm
Package 1 Width	10.000 cm
Package 1 Length	15.000 cm
Package 1 Weight	868.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	12
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	10.906 kg

### **Contractual warranty**

Warranty

18 months

### Sustainability Screen Premium

**Green Premium<sup>TM</sup> 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-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.

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

#### Well-being performance

Mercury Free
Rohs Exemption Information
Yes
Halogen Free Plastic Parts & Cables

#### **Certifications & Standards**

Product

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