

# Product data sheet

Specifications



## PRD1 Master modular surge arrester - 1 pole - 350V - with remote transfer

16360

### Main

Range Of Product	Acti9
Product Name	Acti9 PRD1 Master
Product Or Component Type	Surge arrester with pluggable cartridge
Device Short Name	PRD1 Master
Device Application	Distribution
Standards	EN 61643-11:2012 IEC 61643-11:2011
Product Certifications	CE
Quality Labels	KEMA-KEUR
Poles Description	1P
Remote Signalling	With
Signal Contacts Composition	1 SD (1 C/O)
Surge Arrester Type	Electrical distribution network
Earthing System	TN-C IT 230 TT

### Complementary

Surge Arrester Class Type	Type 1
Surge Arrester Technology	Spark gap
[Ue] Rated Operational Voltage	230 V AC (+/- 10 %) at 50 Hz
[In] Nominal Discharge Current	Common mode: 25 kA (L/PE)
[Iimp] Impulse Current	Common mode: 25 kA L/PE 12.5 A.s
[Uc] Maximum Continuous Operating Voltage	Common mode: 350 V L/PE
Maximum [Up] Voltage Protection Level	Common mode <1.5 kV type 2 L/PE
[Ifi] Follow Current	50 kA common mode L/PE
Disconnecter Device Type	Associated fuse gG 315 A standard Associated circuit breaker Compact NSX100F 100 A curve C - Icu 36 kA Associated circuit breaker Compact NSX100N 100 A curve C - Icu 50 kA
Signalling Circuit Voltage	1 A/250 V AC 50/60 Hz
Mounting Mode	Clip-on (DIN rail)
9 Mm Pitches	4
Height	90 mm

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

Width	35.8 mm
Depth	70 mm
Net Weight	0.303 kg
Colour	Anthracite grey (RAL 7016)
Material	PBT (polybutylene terephthalate)
Connections - Terminals	Tunnel type terminal (downside) 2.5...35 mm² Tunnel type terminal (upside) 2.5...35 mm²
Tightening Torque	4.5 N.m

## Environment

Ik Degree Of Protection	IK05 conforming to IEC 62262
Relative Humidity	5...90 %
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	8.0 cm
Package 1 Width	4.5 cm
Package 1 Length	11.0 cm
Package 1 Weight	418.0 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	23
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	10.002 kg

## Contractual warranty

Warranty	18 months
----------	-----------

# 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.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)

## Well-being performance

 Mercury Free	
 Rohs Exemption Information	<a href="#">Yes</a>
Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins