

# Product datasheet

Specifications



## Modular surge arrester, Acti9 iPRD1 12.5r , 1 P, 230 V, with remote transfert

A9L16182

### Main

Range Of Product	Acti9
Product Name	Acti9 iPRD1
Product Or Component Type	Surge arrester
Device Short Name	iPRD1 12.5
Device Application	Distribution
Standards	EN 61643-11:2012 IEC 61643-11:2011
Quality Labels	CE EAC VDE
Poles Description	1P
Remote Signalling	With
Signal Contacts Composition	1 SD (1 C/O)
Surge Arrester Type	Electrical distribution network
Earthing System	TN-C

### Complementary

Surge Arrester Class Type	Type 1 + 2
Surge Arrester Technology	MOV + GDT
[Ue] Rated Operational Voltage	230 V AC (+/- 10 %) at 50...60 Hz
[In] Nominal Discharge Current	20 kA
[Imax] Maximum Discharge Current	50 kA
[Iimp] Impulse Current	Common mode: 12.5 kA L/PE
[Uc] Maximum Continuous Operating Voltage	Common mode: 350 V L/PE
Maximum [Up] Voltage Protection Level	<1.5 kV type 1 + 2
Residual Current	0.9 mA L/PE
[Ut] Temporary Overvoltage	442 V L/PE 120 min withstand 1455 V L/PE 200 ms safe failure mode
Disconnecter Device Type	Associated fuse gG 160 A 120 kA standard Associated circuit breaker Compact NSX160E 80 A 25 kA standard
Local Signalling	Operating: mechanical indicator (white) End of life: mechanical indicator (red)
Mounting Mode	Clip-on (DIN rail)
9 Mm Pitches	2

<b>Height</b>	89 mm
<b>Width</b>	18 mm
<b>Depth</b>	69 mm
<b>Net Weight</b>	171 g
<b>Colour</b>	White (RAL 9003)
<b>Material</b>	PA6
<b>Connections - Terminals</b>	Tunnel type terminal (phase) 10...25 mm <sup>2</sup> flexible Tunnel type terminal (phase) 10...35 mm <sup>2</sup> rigid Tunnel type terminal (earth) 16...25 mm <sup>2</sup> flexible Tunnel type terminal (earth) 16...35 mm <sup>2</sup> rigid
<b>Wire Stripping Length</b>	14 mm
<b>Tightening Torque</b>	3.5 N.m

## Environment

<b>IK Degree Of Protection</b>	IK05 conforming to IEC 62262
<b>Pollution Degree</b>	3
<b>Relative Humidity</b>	5...95 %
<b>Operating Altitude</b>	2000 m
<b>Ambient Air Temperature For Operation</b>	-25...60 °C
<b>Ambient Air Temperature For Storage</b>	-40...80 °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>	2.0 cm
<b>Package 1 Width</b>	8.0 cm
<b>Package 1 Length</b>	9.0 cm
<b>Package 1 Weight</b>	189.0 g
<b>Unit Type Of Package 2</b>	BB1
<b>Number Of Units In Package 2</b>	12
<b>Package 2 Height</b>	8.5 cm
<b>Package 2 Width</b>	10.0 cm
<b>Package 2 Length</b>	27.5 cm
<b>Package 2 Weight</b>	2.342 kg
<b>Unit Type Of Package 3</b>	S02
<b>Number Of Units In Package 3</b>	36
<b>Package 3 Height</b>	15.0 cm
<b>Package 3 Width</b>	30.0 cm
<b>Package 3 Length</b>	40.0 cm
<b>Package 3 Weight</b>	7.273 kg

## 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 >](#)



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](#)