

# Product datasheet

Specifications



## cartridge C40-1000 PV for surge arrester iPRD-DC

A9L40182

**Price: 939.98 ZAR**

### Main

Product Or Component Type	Cartridge
Device Short Name	C40-1000 PV
Surge Arrester Type	Electrical distribution network

### Complementary

Surge Arrester Class Type	Type 2
Surge Arrester Technology	MOV
Product Destination	Surge protection device iPRD PV-DC 2P
Nominal Discharge Current	15 kA
Maximum Discharge Current	40 kA
[Uc] Maximum Continuous Operating Voltage	1000 V DC
Maximum [Up] Voltage Protection Level	<2 kV type 2
[Uoc] Open Circuit Voltage	833 V
Local Signalling	Flag (white/red)
Mounting Mode	Plug-in
Mounting Support	Into SPD module
9 Mm Pitches	2
Height	57 mm
Width	18 mm
Depth	56 mm
Colour	White (RAL 9003)
Material	PBT (polybutylene terephthalate)
Response Time	< 25 ns

### Environment

Standards	EN 61643-11 IEC 61643-11: 2011
Quality Labels	CE
Ip Degree Of Protection	IP20 front face:
Relative Humidity	5...90 %
Operating Altitude	0...2000 m
Ambient Air Temperature For Operation	-25...60 °C

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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Ambient Air Temperature For Storage -40...85 °C

## Packing Units

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Unit Type Of Package 1 PCE

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Number Of Units In Package 1 1

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Package 1 Height 2.400 cm

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Package 1 Width 7.300 cm

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Package 1 Length 9.300 cm

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Package 1 Weight 81.000 g

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Unit Type Of Package 2 BB1

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Number Of Units In Package 2 12

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Package 2 Height 8.000 cm

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Package 2 Width 10.000 cm

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Package 2 Length 28.000 cm

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Package 2 Weight 1.039 kg

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Unit Type Of Package 3 S03

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Number Of Units In Package 3 108

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Package 3 Height 30.000 cm

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Package 3 Width 30.000 cm

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Package 3 Length 40.000 cm

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Package 3 Weight 9.893 kg

## Contractual warranty

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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 >](#)



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](#)

Circularity Profile [End of Life Information](#)