

Product datasheet

Specifications



cartridge C40-800 PV for surge arrester iPRD-DC

A9L40172

Price: 660.84 ZAR

Main

Product Or Component Type	Cartridge
Device Short Name	C40-800 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	800 V DC
Maximum [Up] Voltage Protection Level	<1.4 kV type 2
[Uoc] Open Circuit Voltage	666 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
Net Weight	0.51 kg
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

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

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

Ambient Air Temperature For Operation	-25...60 °C
Ambient Air Temperature For Storage	-40...85 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.3 cm
Package 1 Width	7.5 cm
Package 1 Length	9.5 cm
Package 1 Weight	75 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	108
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	9.241 kg

Contractual warranty

Warranty	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-CO₂ 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