Product datasheet

Specifications

Green Premium™

cartridge C40-1000 PV for surge arrester iPRD-DC

A9L40182

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

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 Storage	-40…85 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.400 cm
Package 1 Width	7.300 cm
Package 1 Length	9.300 cm
Package 1 Weight	81.000 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	12
Package 2 Height	8.000 cm
Package 2 Width	10.000 cm
Package 2 Length	28.000 cm
Package 2 Weight	1.039 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	108
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	9.893 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_2 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