Product datasheet

Specifications

Green Premium™

iPRD-DC 40r 800PV modular surge arrester - 2P - 800VDC - with remote transfert

A9L40271

Main

Range Of Product	Acti9
Product Name	Acti9 iPRD PV-DC
Device Short Name	iPRD PV-DC
Product Or Component Type	Surge arrester with pluggable cartridge
Poles Description	2P
Output Type	Contact (volt-free)
Signal Contacts Composition	1 SD (1 C/O)
Surge Arrester Type	Electrical distribution network
Uoc Stc: Maximum Open Circuit Voltage Of Pv Generator In Standard Test Condition	666 V

Complementary

Surge Arrester Class Type	Type 2
Surge Arrester Technology	MOV
[Ue] Rated Operational Voltage	800 V +/- 10 % DC
[In] Nominal Discharge Current	15 kA
[Imax] Maximum Discharge Current	40 kA
[Ucpv] Maximum Continuous Operating Voltage	Differential mode: 800 V L+/L- Common mode: 800 V L+/PE Common mode: 800 V L-/PE
Maximum [Up] Voltage Protection Level	Differential mode <3 kV type 2 L+/L- Common mode <3 kV type 2 L+/PE Common mode <3 kV type 2 L-/PE
Disconnector Device Type	Integrated disconnector
Local Signalling	White/red flag
Signalling Circuit Voltage	AC: 250 V 50/60 Hz
Signalling Output Current	0.25 A
Mounting Mode	Clip-on
Mounting Support	DIN rail
9 Mm Pitches	6
Height	85 mm
Width	54 mm
Depth	69 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

Net Weight	400 g
Colour	White (RAL 9003)
Response Time	<= 25 ns
Connections - Terminals	Tunnel type terminal 2.5…25 mm² rigid Tunnel type terminal 2.5…16 mm² flexible Tunnel type terminal 2.5…16 mm² flexible stranded
Wire Stripping Length	14 mm
Tightening Torque	3.5 N.m

Environment

Standards	EN 50539-11:2013 UTE C 61740-51
Product Certifications	CE
Ip Degree Of Protection	IP40 on front face: IP20 on terminal:
Ik Degree Of Protection	IK03
Relative Humidity	5…95 %
Operating Altitude	2000 m
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	7.8 cm
Package 1 Width	6.4 cm
Package 1 Length	9.2 cm
Package 1 Weight	348.0 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	4
Package 2 Height	8.5 cm
Package 2 Width	10.2 cm
Package 2 Length	27.7 cm
Package 2 Weight	1.446 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	36
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	13.567 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