Product datasheet

Specifications





iPRD-DC 40r 1000PV modular surge arrester - 2P - 1000VDC with remote transfert

A9L40281

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	833 V

Complementary

Surge arrester class type	Type 2
Surge arrester technology	MOV
[Ue] rated operational voltage	1000 V +/- 10 % DC
[In] nominal discharge current	15 kA
[Imax] maximum discharge current	40 kA
[Ucpv] maximum continuous operating voltage	Differential mode: 1000 V L+/L- Common mode: 1000 V L+/PE Common mode: 1000 V L-/PE
Maximum [Up] voltage protection level	Common mode <3.9 kV type 2 L+/PE Common mode <3.9 kV type 2 L-/PE Differential mode <3.9 kV type 2 L+/L-
Disconnector device type	Integrated disconnector
[Iscpv] short-circuit current rating	200 A
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	
Net weight	400 g	
Colour	White (RAL 9003)	
Response time	<= 25 ns	
Connections - terminals	Tunnel type terminal 2.525 mm² rigid Tunnel type terminal 2.516 mm² flexible Tunnel terminal 2.516 mm² flexible with ferrule	
Wire stripping length	14 mm	

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	595 %
Operating altitude	2000 m
Ambient air temperature for operation	-2560 °C
Ambient air temperature for storage	-4085 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.700 cm
Package 1 Width	6.300 cm
Package 1 Length	9.200 cm
Package 1 Weight	369.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Height	8.500 cm
Package 2 Width	10.000 cm
Package 2 Length	28.000 cm
Package 2 Weight	1.540 kg
Unit Type of Package 3	S03
Number of Units in Package 3	36
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	14.453 kg

Contractual warranty

Warranty

18 months

Sustainability Screen

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass 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.

Yes

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance

Rohs Exemption Information

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