Product data sheet
Characteristics

A9L40271
iPRD-DC 40r 800PV modular surge arrester - 2P - 840VDC - with remote transfert



Main

Range of product	Acti 9
Product name	Acti 9 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

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
[Up] voltage protection level	<= 3 kV type 2 differential mode L+/L- <= 3 kV type 2 common mode L+/PE <= 3 kV type 2 common mode L-/PE
Disconnector device type	Integrated disconnector
Local signalling	Flag color: white/red
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

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

Height	85 mm
Width	54 mm
Depth	69 mm
Product weight	400 g
Colour	White (RAL 9003)
Response time	<= 25 ns
Connections - terminals	Tunnel type terminal 2.5...16 mm² flexible Tunnel type terminal 2.5...16 mm² flexible stranded Tunnel type terminal 2.5...25 mm² rigid
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	On front face : IP40 On terminal : IP20
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

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0844 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available Product Environmental Profile
Product end of life instructions	Available End of Life Information

Contractual warranty

Warranty period	18 months