

Product data sheet

Specifications



iPRD-DC 40r 800PV modular surge arrester - 2P - 840VDC - 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] open circuit voltage	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
Disconnecter 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
Product 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

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration

REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
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

Contractual warranty

Warranty	18 months
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Recommended replacement(s)