Product data sheet
Characteristics

A9L40281
iPRD-DC 40r 1000PV modular surge arrester - 2P - 1000VDC - with remote transfert



Main

Range	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	833 V

Complementary

Surge arrester class type	Type 2
Surge arrester technology	MOV
[Ue] rated operational voltage	1000 V +/- 10 % DC
Nominal discharge current	15 KA
Maximum discharge current	40 KA
[Uc] 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
Short-circuit current	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 2.5…25 mm² rigid Tunnel type terminal 2.5…16 mm² flexible Tunnel terminal 2.5…16 mm² flexible with ferrule

Wire stripping length	14 Mm
Tightening torque	3.5 N.M

Environment

Standards	EN/IEC 61643-31 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	7.7 Cm
Package 1 Width	6.3 Cm
Package 1 Length	9.2 Cm
Package 1 Weight	369 G
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Height	8.5 Cm
Package 2 Width	10 Cm
Package 2 Length	28 Cm
Package 2 Weight	1.54 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	14.453 Kg

Offer Sustainability

Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	No
Environmental Disclosure	Product Environmental Profile
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	A9614fa2-07f8-47d1-a2fe-e27b32003d8d
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
OECD PFAS Regulation	Item contains PFAS Chemicals
POP Directive	No POPs
Halogen-free status	Product contains halogen above thresholds
PVC free	No
End of life manual availability	End Of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and

Contractual warranty

Warranty (in months)	18

Product Life Status :	Commercialised