

Product data sheet

Specifications



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

A9L16436

⚠ Discontinued on: 31 March 2022

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Main

Range of product	Acti 9
Product name	Acti9 iPRD-DC
Device short name	iPRD-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	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-
Disconnecter device type	Integrated disconnecter
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	81 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 type terminal 2.5...16 mm² flexible with ferrule
Wire stripping length	14 mm
Tightening torque	3.5 N.m

Environment

Standards	UTE C 61740-51 EN 50539-11
Product certifications	CE
IP degree of protection	IP40 on front face: IP20 on terminal:
IK degree of protection	IK03
Relative humidity	5...90 %
Operating altitude	2000 m
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...85 °C

Offer Sustainability

EU RoHS Directive	Not applicable, out of EU RoHS legal scope
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Contractual warranty

Warranty	18 months
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Recommended replacement(s)

A9L16436 is replaced by:

1x



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A9L40281