

Product datasheet

Specifications



iPRD-DC 40r 600PV modular surge arrester - 2P - 840VDC - with remote transfer

A9L16434

⚠ Discontinued on: 01 Nov 2020

⚠ Discontinued

Main

range of product	Acti9
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 + GDT
[Ue] rated operational voltage	600 V +/- 10 % DC
[In] nominal discharge current	15 kA
[Imax] maximum discharge current	40 kA
[Ucpv] maximum continuous operating voltage	Common mode: 600 V L+/PE Differential mode: 840 V L+/L- Common mode: 600 V L-/PE
Maximum [Up] voltage protection level	Differential mode <2.8 kV type 2 L+/L- Common mode <2.8 kV type 2 L+/PE Common mode <2.8 kV type 2 L-/PE
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	0.4 kg

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Colour	White (RAL 9003)
Response time	<= 25 ns
Connections - terminals	Tunnel type terminal 2.5...25 mm ² rigid Tunnel type terminal 2.5...16 mm ² flexible Tunnel type terminal 2.5...16 mm ² 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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.6 cm
Package 1 Width	6.3 cm
Package 1 Length	8.8 cm
Package 1 Weight	315 g

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins