

# Product data sheet

Specifications



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

A9L16434

⚠ Discontinued on: Mar 31, 2022

⚠ 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

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

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

## 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	0.315 kg

## Contractual warranty

Warranty	18 months
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