

# Product data sheet

Specifications



## iPRD8r modular surge arrester - 4P - IT - 460V - with remote transfert

A9L08421

### Main

Range Of Product	Acti9
Product Name	Acti9 iPRD
Product Or Component Type	Surge arrester with pluggable cartridge
Device Short Name	iPRD8r
Device Application	Distribution
Standards	EN 61643-11:2012 IEC 61643-11:2011
Product Certifications	CE
Poles Description	4P
Remote Signalling	With
Signal Contacts Composition	1 SD (1 C/O)
Surge Arrester Type	Electrical distribution network
Earthing System	IT

### Complementary

Surge Arrester Class Type	Type 2 + 3
Surge Arrester Technology	MOV
[Ue] Rated Operational Voltage	230/400 V AC (+/- 10 %) at 50/60 Hz
[In] Nominal Discharge Current	Common mode: 2.5 kA (L/PE) Common mode: 2.5 kA (N/PE)
[Imax] Maximum Discharge Current	Common mode: 8 kA L/PE Common mode: 8 kA N/PE
[Uc] Maximum Continuous Operating Voltage	Common mode: 460 V L/PE
Maximum [Up] Voltage Protection Level	Common mode <1.6 kV type 2 L/PE Common mode <1.8 kV type 3 L/PE Common mode <1.6 kV type 2 N/PE Common mode <1.8 kV type 3 N/PE
[Ut] Temporary Overvoltage	337 V L/N 5 s withstand 1455 V L/PE 200 ms safe failure mode 1455 V N/PE 200 ms safe failure mode
[Isc cr] Short-Circuit Current Rating	5 kA 415 V Ph/Ph
Disconnecter Device Type	Associated circuit breaker iC60L 10 A curve C - Icu 25 kA Associated circuit breaker IC60N 10 A curve C - Icu 10 kA Associated circuit breaker iC60H 10 A curve C - Icu 15 kA Associated fuse gG 25 A - Icu 15 kA Associated fuse gG 80 A - Icu 50 kA
Signalling Circuit Voltage	0.25 A/250 V AC 50/60 Hz

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

Mounting Mode	Clip-on (DIN rail)
9 Mm Pitches	8
Height	85 mm
Width	72 mm
Depth	69 mm
Net Weight	450 g
Colour	White (RAL 9003)
[Ipe] Ground Residual Current	0.6 mA
Connections - Terminals	Tunnel type terminal (top or bottom) 2.5...25 mm² rigid Tunnel type terminal (top or bottom) 4...16 mm² flexible Tunnel type terminal (top or bottom) 4...16 mm² flexible with ferrule
Tightening Torque	3.5 N.m

## Environment

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	8 cm
Package 1 Length	9.2 cm
Package 1 Weight	490 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	3
Package 2 Height	10 cm
Package 2 Width	8 cm
Package 2 Length	28 cm
Package 2 Weight	1.56 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	27
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	14.571 kg

## Sustainability

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[Guide to assess a product's sustainability >](#)



Transparency   RoHS/REACH

## Well-being performance



Mercury Free



RoHS Exemption Information

Yes

## Certifications & Standards

Reach Regulation

[REACH Declaration](#)

Eu RoHS Directive

Compliant with Exemptions

China RoHS Regulation

[China RoHS declaration](#)

Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure

[Product Environmental Profile](#)

Circularity Profile

[End of Life Information](#)