

# Product data sheet

Specifications



## iPRD8r modular surge arrester - 3P - IT - 460V - with remote transfert

A9L08321

### 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	3P
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)
[Imax] Maximum Discharge Current	Common mode: 8 kA L/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
[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
[Isccr] 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 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
Mounting Mode	Clip-on (DIN rail)
9 Mm Pitches	6
Height	85 mm

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

Width	54 mm
Depth	69 mm
Net Weight	340 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	6.3 cm
Package 1 Width	7.7 cm
Package 1 Length	9.3 cm
Package 1 Weight	380 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	4
Package 2 Height	10 cm
Package 2 Width	9 cm
Package 2 Length	28 cm
Package 2 Weight	1.602 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	14.953 kg

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

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



Transparency   RoHS/REACH

## Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   [Yes](#)

## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>