

# Product datasheet

Specifications



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

A9L08421

**Price: 1,374.88 ZAR**

### 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
[Iscrr] 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

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

<b>Mounting Mode</b>	Clip-on (DIN rail)
<b>9 Mm Pitches</b>	8
<b>Height</b>	85 mm
<b>Width</b>	72 mm
<b>Depth</b>	69 mm
<b>Net Weight</b>	450 g
<b>Colour</b>	White (RAL 9003)
<b>[Ipe] Ground Residual Current</b>	0.6 mA
<b>Connections - Terminals</b>	Tunnel type terminal (top or bottom) 2.5...25 mm <sup>2</sup> rigid Tunnel type terminal (top or bottom) 4...16 mm <sup>2</sup> flexible Tunnel type terminal (top or bottom) 4...16 mm <sup>2</sup> flexible with ferrule
<b>Tightening Torque</b>	3.5 N.m

## Environment

<b>Relative Humidity</b>	5...95 %
<b>Operating Altitude</b>	2000 m
<b>Ambient Air Temperature For Operation</b>	-25...60 °C
<b>Ambient Air Temperature For Storage</b>	-40...85 °C

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	7.8 cm
<b>Package 1 Width</b>	8 cm
<b>Package 1 Length</b>	9.2 cm
<b>Package 1 Weight</b>	490 g
<b>Unit Type Of Package 2</b>	BB1
<b>Number Of Units In Package 2</b>	3
<b>Package 2 Height</b>	10 cm
<b>Package 2 Width</b>	8 cm
<b>Package 2 Length</b>	28 cm
<b>Package 2 Weight</b>	1.56 kg
<b>Unit Type Of Package 3</b>	S03
<b>Number Of Units In Package 3</b>	27
<b>Package 3 Height</b>	30 cm
<b>Package 3 Width</b>	30 cm
<b>Package 3 Length</b>	40 cm
<b>Package 3 Weight</b>	14.571 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 [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](#)