

# Product datasheet

Specifications



## iPRD8r modular surge arrester - 3P + N - 350V - with remote transfert

A9L08601

Price: 3,103.07 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<br>IEC 61643-11:2011   |
| Product Certifications      | CE                                      |
| Quality Labels              | NF<br>KEMA-KEUR                         |
| Poles Description           | 3P + N                                  |
| Remote Signalling           | With                                    |
| Signal Contacts Composition | 1 SD (1 C/O)                            |
| Surge Arrester Type         | Electrical distribution network         |
| Earthing System             | TN-S<br>TT                              |

### Complementary

|                                           |                                                                                                                                                  |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Surge Arrester Class Type                 | Type 2 + 3                                                                                                                                       |
| Surge Arrester Technology                 | MOV + GDT                                                                                                                                        |
| [Ue] Rated Operational Voltage            | 230/400 V AC (+/- 10 %) at 50/60 Hz                                                                                                              |
| [In] Nominal Discharge Current            | Common mode: 2.5 kA (L/PE)<br>Common mode: 2.5 kA (N/PE)<br>Differential mode: 2.5 kA (L/N)                                                      |
| [Imax] Maximum Discharge Current          | Common mode: 8 kA L/PE<br>Common mode: 8 kA N/PE<br>Differential mode: 8 kA L/N                                                                  |
| [Uoc] Open Circuit Voltage                | 10 kV type 3 common mode N/PE<br>10 kV type 3 differential mode L/N                                                                              |
| [Uc] Maximum Continuous Operating Voltage | Common mode: 260 V N/PE<br>Common mode: 350 V L/PE<br>Differential mode: 350 V L/N                                                               |
| Maximum [Up] Voltage Protection Level     | Common mode <1.1 kV type 3 N/PE<br>Differential mode <1 kV type 2 L/N<br>Differential mode <1.1 kV type 3 L/N<br>Common mode <1.4 kV type 2 N/PE |
| [Ut] Temporary Overvoltage                | 337 V L/N 5 s withstand<br>1200 V N/PE 200 ms safe failure mode<br>442 V L/PE 5 s withstand                                                      |

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

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

|                               |                                                                                                                                                                                                                                                                   |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Disconnecter Device Type      | Associated circuit breaker iC60L 10 A curve C - Icu 25 kA<br>Associated circuit breaker IC60N 10 A curve C - Icu 10 kA<br>Associated circuit breaker iC60H 10 A curve C - Icu 15 kA<br>Associated fuse gG 25 A - Icu 15 kA<br>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                  | 8                                                                                                                                                                                                                                                                 |
| Height                        | 85 mm                                                                                                                                                                                                                                                             |
| Width                         | 72 mm                                                                                                                                                                                                                                                             |
| Depth                         | 69 mm                                                                                                                                                                                                                                                             |
| Net Weight                    | 0.421 kg                                                                                                                                                                                                                                                          |
| Colour                        | White (RAL 9003)                                                                                                                                                                                                                                                  |
| [Ipe] Ground Residual Current | 0.6 mA<br>0.003 mA                                                                                                                                                                                                                                                |
| Connections - Terminals       | Tunnel type terminal (downside) 2.5...35 mm²<br>Tunnel type terminal (upside) 2.5...35 mm²                                                                                                                                                                        |
| Tightening Torque             | 2.5 N.m                                                                                                                                                                                                                                                           |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Ik Degree Of Protection               | IK03 conforming to IEC 62262 |
| 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             | 8 cm     |
| Package 1 Width              | 8 cm     |
| Package 1 Length             | 9 cm     |
| Package 1 Weight             | 453 g    |
| Unit Type Of Package 2       | BB1      |
| Number Of Units In Package 2 | 3        |
| Package 2 Height             | 9 cm     |
| Package 2 Width              | 10 cm    |
| Package 2 Length             | 28 cm    |
| Package 2 Weight             | 1.422 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 | 13.359 kg |
|------------------|-----------|

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

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.

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Transparency   RoHS/REACH

Well-being performance

 Reach Free Of Svhc

 Rohs Exemption Information   [Yes](#)

Certifications & Standards

|                          |                                                                                                             |
|--------------------------|-------------------------------------------------------------------------------------------------------------|
| Reach Regulation         | <a href="#">REACH Declaration</a>                                                                           |
| Eu Rohs Directive        | Compliant<br><a href="#">EU RoHS Declaration</a>                                                            |
| China Rohs Regulation    | <a href="#">China RoHS declaration</a><br>Pro-active China RoHS declaration (out of China RoHS legal scope) |
| Environmental Disclosure | <a href="#">Product Environmental Profile</a>                                                               |
| Circularity Profile      | <a href="#">End of Life Information</a>                                                                     |