# Product datasheet

Specifications




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

A9L08601

## Main

| | |
|---|---|
| **Range of product** | IPRD |
| **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 |
| **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) |
| **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 |

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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

| | |
|---|---|
| **[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 |
| **Disconnector 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 |
| **Compatibility code** | IPRD8r |

## 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** | 7.7 cm |
| **Package 1 Width** | 8.1 cm |
| **Package 1 Length** | 9.2 cm |
| **Package 1 Weight** | 455 g |
| **Unit Type of Package 2** | BB1 |
| **Number of Units in Package 2** | 3 |
| **Package 2 Height** | 8.3 cm |
| **Package 2 Width** | 10.2 cm |
| **Package 2 Length** | 27.7 cm |
| **Package 2 Weight** | 1.433 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 (in months)** | 18 |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

### Environmental footprint

| | |
|---|---|
| Environmental Disclosure | Product Environmental Profile |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | No |
| Packaging without single use plastic | No |
| SCIP Number | A9614fa2-07f8-47d1-a2fe-e27b32003d8d |
| EU RoHS Directive | Compliant |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |
| OECD PFAS Regulation | Item contains PFAS Chemicals |
| POP Directive | No POPs |
| Halogen-free status | Product contains halogen above thresholds |
| Silicone-free | No |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| End of life manual availability | End of Life Information |
| Take-back | No |
| WEEE Label | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |