# Product datasheet

Specifications

## iPRD40r modular surge arrester - 3P + N - 350V - with remote transfert

A9L40601

## Main

| | |
|---|---|
| range of product | Acti9 |
| Product name | Acti9 iPRD |
| Product or component type | Surge arrester with pluggable cartridge |
| Device short name | iPRD40r |
| 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 | TT<br>TN-S |

## Complementary

| | |
|---|---|
| Surge arrester class type | Type 2 |
| Surge arrester technology | MOV + GDT |
| [Ue] rated operational voltage | 230/400 V AC (+/- 10 %) at 50/60 Hz |
| [In] nominal discharge current | Common mode: 15 kA (L/PE)<br>Common mode: 15 kA (N/PE)<br>Differential mode: 15 kA (L/N) |
| [Imax] maximum discharge current | Common mode: 40 kA L/PE<br>Common mode: 40 kA N/PE<br>Differential mode: 40 kA 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 <1.4 kV type 2 N/PE<br>Differential mode <1.4 kV type 2 L/N |
| [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<br>1453 V L/PE 200 ms safe failure mode |

| | |
|---|---|
| **Disconnector device type** | Associated circuit breaker iC60H 40 A curve C - Icu 15 kA |
| | Associated circuit breaker IC60N 40 A curve C - Icu 10 kA |
| | Associated circuit breaker NG125H 40 A curve C - Icu 36 kA |
| | Associated circuit breaker NG125L 40 A curve C - Icu 50 kA |
| | Associated circuit breaker NG125N 40 A curve C - Icu 25 kA |
| | Associated fuse gG 63 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** | 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 |
| | 0.003 mA |
| **Connections - terminals** | Tunnel type terminal (downside) 2.5…35 mm² |
| | Tunnel type terminal (upside) 2.5…35 mm² |
| **Tightening torque** | 2.5 N.m |

## Environment

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|---|---|
| **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** | 8.3 cm |
| **Package 1 Length** | 9.3 cm |
| **Package 1 Weight** | 452 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** | 1.424 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** | 13.363 kg |

# Contractual warranty

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

# Sustainability

**Green Premium<sup>TM</sup> 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-$CO_2$ 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

✅ Rohs Exemption Information          Yes

## Certifications & Standards

**Reach Regulation**          REACh Declaration

**Eu Rohs Directive**          Compliant

EU RoHS Declaration

**China Rohs Regulation**          China RoHS declaration

Pro-active China RoHS declaration (out of China RoHS legal scope)

**Environmental Disclosure**          Product Environmental Profile

**Circularity Profile**          End of Life Information