# Product data sheet
## Characteristics

# A9L40101
## iPRD40r modular surge arrester - 1P - 350V - with remote transfert




## Main

| | |
|---|---|
| Range of product | IPRD |
| Range | 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 | 1P |
| Remote signalling | With |
| Signal contacts composition | 1 SD (1 C/O) |
| Surge arrester type | Electrical distribution network |
| Earthing system | TN-C<br>IT 230 |

## Complementary

| | |
|---|---|
| Surge arrester class type | Type 2 |
| Surge arrester technology | MOV |
| [Ue] rated operational voltage | 230 V AC (+/- 10 %) at 50/60 Hz |
| Nominal discharge current | Common mode: 15 kA (L/PE)<br>Common mode: 15 kA (N/PE) |
| Maximum discharge current | Common mode: 40 kA L/PE |
| [Uc] maximum continuous operating voltage | Common mode: 350 V L/PE<br>Common mode: 350 V N/PE |
| Maximum [Up] voltage protection level | Common mode 1.4 kV type 2 L/PE |
| [Ut] temporary overvoltage | 337 V L/N 5 s withstand<br>1200 V N/PE 200 ms safe failure mode |
| Disconnector device type | Associated circuit breaker iC60H 40 A curve C - Icu 15 kA<br>Associated circuit breaker IC60N 40 A curve C - Icu 10 kA<br>Associated circuit breaker NG125H 40 A curve C - Icu 36 kA<br>Associated circuit breaker NG125L 40 A curve C - Icu 50 kA<br>Associated circuit breaker NG125N 40 A curve C - Icu 25 kA<br>Associated fuse gG 63 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 | 2 |
| Height | 85 Mm |

| | |
|---|---|
| Width | 18 Mm |
| Depth | 69 Mm |
| Net weight | 0.112 Kg |
| Colour | White (RAL 9003) |
| 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 | IPRD40r |

## 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 | 2.2 Cm |
| Package 1 Width | 7.4 Cm |
| Package 1 Length | 9.3 Cm |
| Package 1 Weight | 130 G |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 12 |
| Package 2 Height | 8 Cm |
| Package 2 Width | 10 Cm |
| Package 2 Length | 28 Cm |
| Package 2 Weight | 1.629 Kg |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 108 |
| Package 3 Height | 30 Cm |
| Package 3 Width | 30 Cm |
| Package 3 Length | 40 Cm |
| Package 3 Weight | 15.21 Kg |

## Offer Sustainability

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

## Contractual warranty

| | |
|---|---|
| Warranty (in months) | 18 |

| | |
|---|---|
| Product Life Status : | Commercialised |