



Main

| | |
|---------------------------|---|
| Range of product | Acti9 |
| Product name | Acti9 iPRD |
| Product or component type | Surge arrester with pluggable cartridge |
| Device short name | iPRD40 |
| Device application | Distribution |
| Standards | EN 61643-11:2012 IEC 61643-11:2011 |
| Product certifications | CE |
| Quality labels | KEMA-KEUR NF |
| Poles description | 4P |
| Remote signalling | Without |
| Surge arrester type | Electrical distribution network |
| Earthing system | TN-C-S |

Complementary

| | |
|---|--|
| Surge arrester class type | Type 2 |
| Surge arrester technology | MOV |
| [Ue] rated operational voltage | 230/400 V AC (+/- 10 %) at 50/60 Hz |
| [In] nominal discharge current | Common mode: 15 kA (L/PE) Common mode: 15 kA (N/PE) |
| [Imax] maximum discharge current | Common mode: 40 kA L/PE Common mode: 40 kA N/PE |
| [Uc] maximum continuous operating voltage | Common mode: 350 V L/PE Common mode: 350 V N/PE |
| Maximum [Up] voltage protection level | Common mode <1.4 kV type 2 L/PE Common mode <1.4 kV type 2 N/PE |
| [Ut] temporary overvoltage | 337 V L/N 5 s withstand 1200 V N/PE 200 ms safe failure mode |
| Disconnecter device type | Associated circuit breaker iC60H 50 A curve C - Icu 15 kA Associated circuit breaker IC60N 40 A curve C - Icu 10 kA Associated circuit breaker NG125H 63 A curve C - Icu 36 kA Associated circuit breaker NG125L 63 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 |
| Mounting mode | Clip-on (DIN rail) |
| 9 mm pitches | 8 |
| Height | 85 mm |
| Width | 72 mm |
| Depth | 69 mm |
| Net weight | 0.416 kg |
| Colour | White (RAL 9003) |
| [Ipe] Ground residual current | 0.003 MA 0.6 mA |
| Connections - terminals | Tunnel type terminal (downside) 2.5...35 mm ² Tunnel type terminal (upside) 2.5...35 mm ² |
| Tightening torque | 2.5 N.m |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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 | 447 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 | 1.403 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 | 13.175 kg |

Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |

Contractual warranty

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