



### 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<br>IEC 61643-11:2011   |
| Product certifications    | CE                                      |
| Quality labels            | KEMA-KEUR<br>NF                         |
| Poles description         | 3P + N                                  |
| Remote signalling         | Without                                 |
| 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  |
| Disconnecter device type                  | Associated circuit breaker iC60H 40 A curve C - Icu 15 kA[RETURN]Associated circuit breaker IC60N 40 A curve C - Icu 10 kA[RETURN]Associated circuit breaker NG125H 40 A curve C - Icu 36 kA[RETURN]Associated circuit breaker NG125L 40 A curve C - Icu 50 kA[RETURN]Associated circuit breaker NG125N 40 A curve C - Icu 25 kA[RETURN]Associated fuse gG 63 A - Icu 15 kA[RETURN]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                                | 0.414 kg   |
| Colour                                    | White (RAL 9003)   |
| [Ipe] Ground residual current             | 0.003 MA<br>0.6 mA   |

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.

|                         |  |
|-------------------------|--|
| Connections - terminals | Tunnel type terminal (downside) 2.5...35 mm <sup>2</sup><br>Tunnel type terminal (upside) 2.5...35 mm <sup>2</sup> |
| 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             | 439 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             | 1.388 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             | 13.068 kg |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product                         |
| REACH Regulation           | <a href="#">REACH Declaration</a>             |
| EU RoHS Directive          | Compliant <a href="#">EU RoHS Declaration</a> |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>        |
| RoHS exemption information | <a href="#">Yes</a>                           |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a> |
| Circularity Profile        | <a href="#">End Of Life Information</a>       |

## Contractual warranty

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