# A9L65601

# iPRD65r modular surge arrester - 3P + N - 350V - with remote transfert





## Main

| Range of product            | Acti9                                   |
|-----------------------------|---|
| Product name                | Acti9 iPRD                              |
| Product or component type   | Surge arrester with pluggable cartridge |
| Device short name           | iPRD65r                                 |
| 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

| 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: 20 kA (L/PE) Common mode: 20 kA (N/PE) Differential mode: 20 kA (L/N)   |
| [Imax] maximum discharge current          | Common mode: 65 kA L/PE<br>Common mode: 65 kA N/PE<br>Differential mode: 65 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 <1.5 kV type 2 N/PE<br>Differential mode <1.5 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 IC60N 50 A curve C - Icu 10 kA Associated circuit breaker iC60H 50 A curve C - Icu 15 kA Associated circuit breaker NG125N 50 A curve C - Icu 25 kA Associated circuit breaker NG125H 50 A curve C - Icu 36 kA Associated circuit breaker NG125L 50 A curve C - Icu 50 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                                | 0.492 kg   |
| Colour                                    | White (RAL 9003)   |
|   |  |

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 inherent or and is not to be used for determining suitability or inhability of these products for specific user applications. It is the dourn aren in 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.

| [lpe] Ground residual current | 0.003 MA<br>0.6 mA  |  |
|-------------------------------|---|--|
| Connections - terminals       | Tunnel type terminal (downside) 2.535 mm <sup>2</sup> Tunnel type terminal (upside) 2.535 mm <sup>2</sup> |  |
| Tightening torque             | 2.5 N.m   |  |

#### Environment

| IK degree of protection               | IK03 conforming to IEC 62262 |
|---------------------------------------|------------------------------|
| Relative humidity                     | 595 %                        |
| Operating altitude                    | 2000 m                       |
| Ambient air temperature for operation | -2560 °C                     |
| Ambient air temperature for storage   | -4085 °C                     |

#### **Packing Units**

| i acking critis              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 8.0 cm    |
| Package 1 Width              | 8.0 cm    |
| Package 1 Length             | 9.0 cm    |
| Package 1 Weight             | 519.0 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             | 27 cm     |
| Package 2 Weight             | 1.623 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             | 15.123 kg |
|                              |           |

### Offer Sustainability

| Sustainable offer status   | Green Premium product          |  |
|----------------------------|--------------------------------|--|
| REACh Regulation           | ☑ REACh Declaration            |  |
| REACh free of SVHC         | Yes                            |  |
| EU RoHS Directive          | Compliant EEU RoHS Declaration |  |
| China RoHS Regulation      | China RoHS Declaration         |  |
| RoHS exemption information | ₽¥Yes                          |  |
| Environmental Disclosure   | Product Environmental Profile  |  |
| Circularity Profile        | End Of Life Information        |  |
|                            |                                |  |

## Contractual warranty

| \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | 40        |
|--|-----------|
| Warranty                               | 18 Months |
|  |           |