



### Main

|                             |   |
|-----------------------------|---|
| Range of product            | Acti 9                                  |
| Product name                | Acti 9 iPRD PV-DC                       |
| Device short name           | IPRD PV-DC                              |
| Product or component type   | Surge arrester with pluggable cartridge |
| Poles description           | 2P                                      |
| Output type                 | Contact (volt-free)                     |
| Signal contacts composition | 1 SD (1 C/O)                            |
| Surge arrester type         | Electrical distribution network         |

### Complementary

|   |  |
|---|--|
| Surge arrester class type                   | Type 2   |
| Surge arrester technology                   | MOV  |
| [Ue] rated operational voltage              | 1000 V +/- 10 % DC   |
| [In] nominal discharge current              | 15 kA  |
| [Imax] maximum discharge current            | 40 kA  |
| [Ucpv] maximum continuous operating voltage | Differential mode: 1000 V L+/L-<br>Common mode: 1000 V L+/PE<br>Common mode: 1000 V L-/PE                      |
| Maximum [Up] voltage protection level       | Common mode <3.9 kV type 2 L+/PE<br>Common mode <3.9 kV type 2 L-/PE<br>Differential mode <3.9 kV type 2 L+/L- |
| Disconnecter device type                    | Integrated disconnecter  |
| Local signalling                            | White/red flag   |
| Signalling circuit voltage                  | AC: 250 V 50/60 Hz   |
| Signalling output current                   | 0.25 A   |
| Mounting mode                               | Clip-on  |
| Mounting support                            | DIN rail   |
| 9 mm pitches                                | 6  |

|                         |   |
|-------------------------|---|
| Height                  | 85 mm   |
| Width                   | 54 mm   |
| Depth                   | 69 mm   |
| Net weight              | 400 g   |
| Colour                  | White (RAL 9003)  |
| Response time           | <= 25 ns  |
| Connections - terminals | Tunnel type terminal 2.5...25 mm <sup>2</sup> rigid<br>Tunnel type terminal 2.5...16 mm <sup>2</sup> flexible<br>Tunnel terminal 2.5...16 mm <sup>2</sup> flexible with ferrule |
| Wire stripping length   | 14 mm   |
| Tightening torque       | 3.5 N.m   |

## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | EN 50539-11:2013<br>UTE C 61740-51       |
| Product certifications                | CE                                       |
| IP degree of protection               | IP40 on front face:<br>IP20 on terminal: |
| IK degree of protection               | IK03                                     |
| 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

|                  |          |
|------------------|----------|
| Package 1 Weight | 0.383 kg |
| Package 1 Height | 0.700 dm |
| Package 1 width  | 0.540 dm |
| Package 1 Length | 0.850 dm |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH free of SVHC         | Yes   |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a>  |
| Toxic heavy metal free     | Yes   |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Pro-active China RoHS declaration (out of China RoHS legal scope) |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile        | <a href="#">End of Life Information</a>   |

## Contractual warranty

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