



### Main

|                             |                                         |
|-----------------------------|-----------------------------------------|
| Range of product            | Acti 9                                  |
| Product name                | Acti 9 iPRD                             |
| Product or component type   | Surge arrester with pluggable cartridge |
| Device short name           | IPRD                                    |
| Device application          | Distribution                            |
| Poles description           | 3P                                      |
| Remote signalling           | With                                    |
| Signal contacts composition | 1 SD (1 C/O)                            |
| Surge arrester type         | Electrical distribution network         |
| Earthing system             | IT                                      |

### Complementary

|                                                        |                                                                                                                                                                                         |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Surge arrester class type                              | Type 2                                                                                                                                                                                  |
| Surge arrester technology                              | MOV                                                                                                                                                                                     |
| [Ue] rated operational voltage                         | 230/400 V (+/- 10 %) AC 50/60 Hz                                                                                                                                                        |
| [In] nominal discharge current                         | Common mode : 20 kA L/PE                                                                                                                                                                |
| [Imax] maximum discharge current                       | Common mode : 65 kA L/PE                                                                                                                                                                |
| [Uc] maximum continuous operating voltage              | Common mode : 460 V L/PE                                                                                                                                                                |
| [Up] voltage protection level                          | <= 2.3 kV type 2 common mode L/PE                                                                                                                                                       |
| [Ut] temporary overvoltage                             | Withstand : 337 V L/N for 5 s<br>Safe failure mode : 1455 V L/PE for 200 ms<br>Safe failure mode : 1455 V N/PE for 200 ms                                                               |
| Disconnecter device type                               | Associated circuit breaker iC60L 25 A curve C - Icu 25 kA<br>Associated circuit breaker NG125H 100 A curve C - Icu 36 kA<br>Associated circuit breaker NG125L 100 A curve C - Icu 50 kA |
| [Iscrr] short-circuit current rating                   | 50 kA                                                                                                                                                                                   |
| [Iscrr] short-circuit current rating :<br>double fault | 5 kA 415 V Ph/Ph                                                                                                                                                                        |
| Signalling circuit voltage                             | 0.25 A/250 V AC 50/60 Hz                                                                                                                                                                |
| Mounting mode                                          | Clip-on                                                                                                                                                                                 |
| Mounting support                                       | DIN rail                                                                                                                                                                                |
| 9 mm pitches                                           | 6                                                                                                                                                                                       |

|                               |                                                                                                                                                                                                                                                          |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Height                        | 85 mm                                                                                                                                                                                                                                                    |
| Width                         | 54 mm                                                                                                                                                                                                                                                    |
| Depth                         | 69 mm                                                                                                                                                                                                                                                    |
| Product weight                | 340 g                                                                                                                                                                                                                                                    |
| Colour                        | White ( RAL 9003 )                                                                                                                                                                                                                                       |
| Response time                 | <= 25 ns                                                                                                                                                                                                                                                 |
| [Ipe] Ground residual current | 0.6 mA                                                                                                                                                                                                                                                   |
| Connections - terminals       | Tunnel type terminal, top or bottom 2.5...25 mm <sup>2</sup> cable(s) rigid<br>Tunnel type terminal, top or bottom 4...16 mm <sup>2</sup> cable(s) flexible<br>Tunnel type terminal, top or bottom 4...16 mm <sup>2</sup> cable(s) flexible with ferrule |
| Wire stripping length         | 14 mm                                                                                                                                                                                                                                                    |
| Tightening torque             | 3.5 N.m                                                                                                                                                                                                                                                  |

## Environment

|                                       |                                                                                         |
|---------------------------------------|-----------------------------------------------------------------------------------------|
| Standards                             | EN 61643-11 : 2012<br>IEC 61643-11 : 2011                                               |
| Product certifications                | CE                                                                                      |
| IP degree of protection               | On front face : IP40 conforming to IEC 60529<br>Built-in : IP20 conforming to IEC 60529 |
| Relative humidity                     | 5...95 %                                                                                |
| Operating altitude                    | 2000 m                                                                                  |
| Ambient air temperature for operation | -25...60 °C                                                                             |
| Ambient air temperature for storage   | -40...85 °C                                                                             |

## Offer Sustainability

|                        |                                                                                                                                       |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS (date code: YYWW) | Compliant - since 1640 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                  | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                |