

# Product data sheet

Specifications



## surge arrester, Multi9 PRD1 75r, 1P, 120 V

M9L11120

### Main

|                             |                                 |
|-----------------------------|---------------------------------|
| Range                       | Multi9                          |
| Product Name                | Multi9 PRD1                     |
| Product Or Component Type   | Surge arrester                  |
| Device Short Name           | PRD1 75r                        |
| Poles Description           | 1P                              |
| Remote Signalling           | With                            |
| Signal Contacts Composition | 1 SD (1 C/O)                    |
| Surge Arrester Type         | Electrical distribution network |

### Complementary

|   |  |
|---|--|
| Surge Arrester Class Type                 | Type 1   |
| Surge Arrester Technology                 | MOV  |
| Wiring Configuration                      | 2-wire   |
| Nominal Discharge Current                 | Common mode: 20 kA (L/PE)  |
| Maximum Discharge Current                 | 75 kA  |
| [Iimp] Impulse Current                    | 75 kA  |
| [Uc] Maximum Continuous Operating Voltage | Common mode: 175 V AC L/N  |
| Maximum [Up] Voltage Protection Level     | <600 V L/N   |
| Disconnecter Device Type                  | Associated circuit breaker 30 A curve C 14 kA  |
| Short-Circuit Withstand                   | 200 kA   |
| Local Signalling                          | Green mechanical indicator for operating<br>Red mechanical indicator for end of life |
| Mounting Mode                             | Clip-on  |
| Mounting Support                          | DIN rail   |
| 9 Mm Pitches                              | 2  |
| Height                                    | 91.7 mm  |
| Width                                     | 17.5 mm  |
| Depth                                     | 71.4 mm  |
| Net Weight                                | 154 g  |
| Colour                                    | Grey (RAL 7035)  |
| Response Time                             | < 25 ns  |

|                                |   |
|--------------------------------|---|
| <b>Connections - Terminals</b> | Tunnel type terminal6...35 mm <sup>2</sup> (AWG 10...AWG 2) - rigid<br>Tunnel type terminal6...25 mm <sup>2</sup> (AWG 10...AWG 4) - flexible<br>Tunnel type terminal (dry contacts)0.5...1.5 mm <sup>2</sup> |
| <b>Wire Stripping Length</b>   | 10 mm for L/N connection<br>10 mm for PE connection<br>6 mm for dry contacts connection   |
| <b>Tightening Torque</b>       | 3 N.m L/N<br>3 N.m PE   |

## Environment

|  |                  |
|--|------------------|
| <b>Standards</b>                             | UL 1449:ed. 4    |
| <b>Ip Degree Of Protection</b>               | NEMA 1 built-in: |
| <b>Pollution Degree</b>                      | 3                |
| <b>Relative Humidity</b>                     | 0...95 %         |
| <b>Operating Altitude</b>                    | 2000 m           |
| <b>Ambient Air Temperature For Operation</b> | -25...60 °C      |
| <b>Ambient Air Temperature For Storage</b>   | -40...85 °C      |

## Packing Units

|                                     |          |
|-------------------------------------|----------|
| <b>Unit Type Of Package 1</b>       | PCE      |
| <b>Number Of Units In Package 1</b> | 1        |
| <b>Package 1 Height</b>             | 2.8 cm   |
| <b>Package 1 Width</b>              | 9.2 cm   |
| <b>Package 1 Length</b>             | 12.2 cm  |
| <b>Package 1 Weight</b>             | 156.0 g  |
| <b>Unit Type Of Package 2</b>       | S02      |
| <b>Number Of Units In Package 2</b> | 40       |
| <b>Package 2 Height</b>             | 15.0 cm  |
| <b>Package 2 Width</b>              | 30.0 cm  |
| <b>Package 2 Length</b>             | 40.0 cm  |
| <b>Package 2 Weight</b>             | 6.608 kg |

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Sustainable Packaging

## Resource performance

✓ Sustainable Packaging

## Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information Yes

**Reach Regulation** [REACH Declaration](#)

**Eu Rohs Directive** Compliant  
[EU RoHS Declaration](#)

**China Rohs Regulation** [China RoHS declaration](#)  
Pro-active China RoHS declaration (out of China RoHS legal scope)

**Weee** The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins