

Product data sheet

Specifications



surge arrester, Multi9 PRD1 75r, 3P, 480 V

M9L53480

Main

| | |
|-----------------------------|---------------------------------|
| Range | Multi9 |
| Product Name | Multi9 PRD1 |
| Product Or Component Type | Surge arrester |
| Device Short Name | PRD1 75r |
| Poles Description | 3P |
| 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 | 4-wire |
| Nominal Discharge Current | Common mode: 10 kA (L/PE) |
| Maximum Discharge Current | 75 kA |
| [Iimp] Impulse Current | 75 kA |
| [Uc] Maximum Continuous Operating Voltage | Common mode: 550 V AC L/PE Differential mode: 1100 V AC L/L |
| Maximum [Up] Voltage Protection Level | <1500 V L/PE <3000 V L/L |
| Disconnecter Device Type | Associated circuit breaker |
| Short-Circuit Withstand | 200 kA |
| Local Signalling | Green mechanical indicator for operating Red mechanical indicator for end of life |
| Mounting Mode | Clip-on |
| Mounting Support | DIN rail |
| 9 Mm Pitches | 6 |
| Height | 91.7 mm |
| Width | 52.5 mm |
| Depth | 71.4 mm |
| Net Weight | 522 g |
| Colour | Grey (RAL 7035) |
| Response Time | < 25 ns |

Disclaimer: 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

| | |
|-------------------------|---|
| Connections - Terminals | Tunnel type terminal6...35 mm² (AWG 10...AWG 2) - rigid Tunnel type terminal6...25 mm² (AWG 10...AWG 4) - flexible Tunnel type terminal (dry contacts)0.5...1.5 mm² |
| Wire Stripping Length | 10 mm for L/N connection 10 mm for PE connection 6 mm for dry contacts connection |
| Tightening Torque | 3 N.m L/N 3 N.m PE |

Environment

| | |
|---------------------------------------|------------------|
| Standards | UL 1449:ed. 4 |
| Ip Degree Of Protection | NEMA 1 built-in: |
| Pollution Degree | 3 |
| Relative Humidity | 0...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 | 6.5 cm |
| Package 1 Width | 9.0 cm |
| Package 1 Length | 11.8 cm |
| Package 1 Weight | 442.0 g |
| Unit Type Of Package 2 | S02 |
| Number Of Units In Package 2 | 16 |
| Package 2 Height | 15.0 cm |
| Package 2 Width | 30.0 cm |
| Package 2 Length | 40.0 cm |
| Package 2 Weight | 7.395 kg |

Sustainability

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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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[Guide to assess a product’s sustainability >](#)



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 |