

Product data sheet

Specifications



surge arrester, Multi9 PRD1 75r, 3P, 277/480 V

M9L33480

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

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| Surge arrester class type | Type 1 |
| Surge arrester technology | MOV |
| Wiring configuration | 4-wire |
| Nominal discharge current | Common mode: 20 kA (L/PE) |
| Maximum discharge current | 75 kA |
| [limp] impulse current | 75 kA |
| [Uc] maximum continuous operating voltage | Common mode: 320 V AC L/N Differential mode: 640 V AC L/L |
| Maximum [Up] voltage protection level | <1000 V L/N <2000 V L/L |
| Disconnecter device type | Associated circuit breaker 30 A curve C 10 kA |
| 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 |

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|-------------------------|---|
| Net weight | 522 g |
| Colour | Grey (RAL 7035) |
| Response time | < 25 ns |
| 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

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|---------------------------------------|------------------|
| 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

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|------------------------------|----------|
| 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 | 404.0 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 | 6.805 kg |

Offer Sustainability

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|----------------------------|---|
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope) |
| RoHS exemption information | Yes |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Recommended replacement(s)