

# Product data sheet

Specifications



## surge arrester cartridge, Multi9 PRD1 75r, 1P, 277 V

M9LC320

### Main

|                           |            |
|---------------------------|------------|
| Range of product          | Multi9     |
| Product name              | Multi9 PRD |
| Product or component type | Cartridge  |
| Poles description         | 1P         |

### Complementary

|   |                                      |
|---|--------------------------------------|
| Surge arrester class type                 | Type 1                               |
| Surge arrester technology                 | MOV                                  |
| [Ue] rated operational voltage            | 277 V AC 50...60 Hz                  |
| Nominal discharge current                 | 20 kA                                |
| Maximum discharge current                 | 75 kA                                |
| [Uc] maximum continuous operating voltage | 320 V                                |
| Maximum [Up] voltage protection level     | <1000 V                              |
| Local signalling                          | Mechanical indicator (green and red) |
| Mounting mode                             | Plug-in                              |
| Mounting support                          | Into SPD module                      |
| 9 mm pitches                              | 2                                    |
| Height                                    | 45 mm                                |
| Width                                     | 17.5 mm                              |
| Depth                                     | 68.5 mm                              |
| Product weight                            | 82 g                                 |
| Colour                                    | Grey (RAL 7035)                      |
| Response time                             | < 25 ns                              |

### Environment

|                         |           |
|-------------------------|-----------|
| Standards               | UL 1449   |
| Quality labels          | CSA<br>UR |
| IP degree of protection | NEMA 1    |

|                                       |             |
|---------------------------------------|-------------|
| Relative humidity                     | 0...95 %    |
| Operating altitude                    | 0...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             | 2.5 cm   |
| Package 1 Width              | 8 cm     |
| Package 1 Length             | 10.5 cm  |
| Package 1 Weight             | 80 g     |
| Unit Type of Package 2       | S02      |
| Number of Units in Package 2 | 10       |
| Package 2 Height             | 15 cm    |
| Package 2 Width              | 30 cm    |
| Package 2 Length             | 40 cm    |
| Package 2 Weight             | 1.215 kg |

## Offer Sustainability

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

## Recommended replacement(s)