

# Product data sheet

Specifications



## surge arrester, Multi9 PRD1 75r, 1P, 240 V

M9L21240

### 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: 275 V AC L/N
Maximum [Up] voltage protection level	<900 V L/N
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	2
Height	91.7 mm
Width	17.5 mm
Depth	71.4 mm

<b>Product weight</b>	154 g
<b>Colour</b>	Grey (RAL 7035)
<b>Response time</b>	< 25 ns
<b>Connections - terminals</b>	Tunnel type terminal6...35 mm <sup>2</sup> (AWG 10...AWG 2) - rigid Tunnel type terminal6...25 mm <sup>2</sup> (AWG 10...AWG 4) - flexible Tunnel type terminal (dry contacts)0.5...1.5 mm <sup>2</sup>
<b>Wire stripping length</b>	10 mm for L/N connection 10 mm for PE connection 6 mm for dry contacts connection
<b>Tightening torque</b>	3 N.m L/N 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>	2.5 cm
<b>Package 1 Width</b>	9.2 cm
<b>Package 1 Length</b>	11.7 cm
<b>Package 1 Weight</b>	154.0 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>	6.533 kg

## Offer Sustainability

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

**Recommended replacement(s)**