



### Main

Range of product	Multi 9
Product name	Multi 9 PRD1
Product or component type	Surge arrester with pluggable cartridge
Device short name	PRD1 25r
Device application	Distribution
Standards	EN 61643-11:2012 IEC 61643-11:2011
Product certifications	CE
Quality labels	KEMA-KEUR
Poles description	1P + N
Remote signalling	With
Signal contacts composition	1 SD (1 C/O)
Surge arrester type	Electrical distribution network
Earthing system	TT TN-S

### Complementary

Surge arrester class type	Type 1 + 2
Surge arrester technology	MOV Spark gap
[Ue] rated operational voltage	230/400 V AC (+/- 10 %) at 50/60 Hz
[In] nominal discharge current	Common mode: 100 kA (N/PE) Differential mode: 25 kA (L/N)
[Iimp] impulse current	Common mode: 100 kA N/PE 50 A.s Differential mode: 25 kA L/N 12.5 A.s
[Uc] maximum continuous operating voltage	Differential mode: 350 V L/N Common mode: 350 V N/PE
Maximum [Up] voltage protection level	Common mode <1.5 kV type 2 N/PE Differential mode <1.5 kV type 2 L/N
[Ifi] follow current	25 kA differential mode L/N 0.1 kA common mode N/PE
Disconnecter device type	Associated fuse gG 315 A standard Associated circuit breaker Compact NSX100B 100 A curve C - Icu 10 kA Associated circuit breaker Compact NSX100B 100 A curve C - Icu 15 kA Associated circuit breaker Compact NSX100B 100 A curve C - Icu 25 kA
Signalling circuit voltage	1.5 A/250 V AC 50/60 Hz
Mounting mode	Clip-on (DIN rail)
9 mm pitches	8
Height	90 mm
Width	71.6 mm
Depth	70 mm
Net weight	0.77 kg
Colour	Anthracite grey (RAL 7016)
Material	PBT (polybutylene terephthalate)
Connections - terminals	Tunnel type terminal (downside) 2.5...35 mm <sup>2</sup> Tunnel type terminal (upside) 2.5...35 mm <sup>2</sup>
Tightening torque	4.5 N.m

## Environment

IK degree of protection	IK05 conforming to IEC 62262
Relative humidity	5...90 %
Operating altitude	2000 m
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...80 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.0 cm
Package 1 Width	7.5 cm
Package 1 Length	11.0 cm
Package 1 Weight	668.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	12
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	8.862 kg

## Offer Sustainability

REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	 <a href="#">Yes</a>
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

Warranty	18 months
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