

Product datasheet

Specifications



PRD1 25r modular surge arrester - 3 poles - 350V - with remote transfer

16331

Main

Range Of Product	Multi9
Product Name	Multi9 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	3P
Remote Signalling	With
Signal Contacts Composition	1 SD (1 C/O)
Surge Arrester Type	Electrical distribution network
Earthing System	TT TN-S TN-C

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: 25 kA (L/PE)
[Imax] Maximum Discharge Current	Common mode: 40 kA L/PE
[Iimp] Impulse Current	Common mode: 25 kA L/PE 12.5 A.s
[Uc] Maximum Continuous Operating Voltage	Common mode: 350 V L/PE
Maximum [Up] Voltage Protection Level	Common mode <1.5 kV type 2 L/PE
[Ut] Temporary Overvoltage	1200 V N/PE 200 ms withstand 415 V L/N 5 s withstand 440 V L/N 7200 s safe failure mode
[Ifi] Follow Current	25 kA differential mode L/N 3 kA differential mode L/N 100 A common mode N/PE

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

Disconnecter Device Type	Associated fuse gG 315 A up to Isc = 25 kA Associated circuit breaker NSXm 100E TM-D up to Isc = 16 kA Associated circuit breaker NSXm 100B TM-D up to Isc = 25 kA Associated circuit breaker Compact NSX100B TM-D up to Isc = 25 kA
Signalling Circuit Voltage	1 A/250 V AC 1 A/30 V DC
Mounting Mode	Clip-on (DIN rail)
9 Mm Pitches	12
Height	90 mm
Width	108 mm
Depth	71 mm
Net Weight	1010 g
Colour	Anthracite grey (RAL 7016)
Material	PBT (polybutylene terephthalate)
Connections - Terminals	Tunnel type terminal (top or bottom) 10...35 mm² rigid Tunnel type terminal (top or bottom) 10...25 mm² flexible
Tightening Torque	4.5 N.m

Environment

Ik Degree Of Protection	IK05 conforming to IEC 62262
Relative Humidity	5...95 %
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	10.000 cm
Package 1 Width	14.000 cm
Package 1 Length	18.000 cm
Package 1 Weight	1.049 kg
Unit Type Of Package 2	S03
Number Of Units In Package 2	7
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	7.930 kg

Contractual warranty

Warranty	18 months
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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 >](#)

Well-being performance

 Mercury Free	
 Rohs Exemption Information	Yes
Reach Regulation	REACH Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins