

Product datasheet

Specifications



PRD1 Master modular surge arrester - 3 poles + N - 350V - with remote transfer

16363

Main

Range Of Product	Acti9
Product Name	Acti9 PRD1 Master
Product Or Component Type	Surge arrester with pluggable cartridge
Device Short Name	PRD1 Master
Device Application	Distribution
Standards	EN 61643-11:2012 IEC 61643-11:2011
Product Certifications	CE
Quality Labels	KEMA-KEUR
Poles Description	3P + N
Remote Signalling	With
Signal Contacts Composition	1 SD (1 C/O)
Surge Arrester Type	Electrical distribution network
Earthing System	TT TN-C

Complementary

Surge Arrester Class Type	Type 1
Surge Arrester Technology	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	0.1 kA common mode N/PE 50 kA differential mode L/N
Disconnecter Device Type	Associated fuse gG 315 A standard Associated circuit breaker Compact NSX100F 100 A curve C - Icu 36 kA Associated circuit breaker Compact NSX100N 100 A curve C - Icu 50 kA
Signalling Circuit Voltage	1 A/250 V AC 50/60 Hz
Mounting Mode	Clip-on (DIN rail)
9 Mm Pitches	16

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

Height	90 mm
Width	142.8 mm
Depth	70 mm
Net Weight	1.31 kg
Colour	Anthracite grey (RAL 7016)
Material	PBT (polybutylene terephthalate)
Connections - Terminals	Tunnel type terminal (downside) 2.5...35 mm² Tunnel type terminal (upside) 2.5...35 mm²
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	9.5 cm
Package 1 Width	14 cm
Package 1 Length	17.5 cm
Package 1 Weight	1.563 kg
Unit Type Of Package 2	S03
Number Of Units In Package 2	7
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	11.562 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