

Product data sheet

Specifications



PRD135r modular surge arrester - 1 pole - 440V - with remote transfer

16649

Main

Range Of Product	Acti9
Product Name	Acti9 PRD1
Product Or Component Type	Surge arrester with pluggable cartridge
Device Short Name	PRD1 35r
Device Application	Distribution
Standards	EN 61643-11 IEC 61643-11
Product Certifications	CE
Quality Labels	NF
Poles Description	1P
Remote Signalling	With
Signal Contacts Composition	1 SD (1 C/O)
Surge Arrester Type	Electrical distribution network
Earthing System	IT TN-C

Complementary

Surge Arrester Class Type	Type 1
Surge Arrester Technology	Spark gap
[Ue] Rated Operational Voltage	400/690 V AC TN 400 V AC IT
[In] Nominal Discharge Current	Common mode: 35 kA (L/PE) Differential mode: 35 kA (L/N)
[Imax] Maximum Discharge Current	Differential mode: 50 kA L/N
[Iimp] Impulse Current	Differential mode: 35 kA L/N Common mode: 35 kA L/PE 17.5 A.s
[Uc] Maximum Continuous Operating Voltage	Common mode: 440 V L/PE Differential mode: 440 V L/N
Maximum [Up] Voltage Protection Level	Common mode <2.5 kV type 1 L/PE
[Ut] Temporary Overvoltage	580 V L/N 5 s withstand 800 V N/PE 7200 s withstand 1640 V L/N 0.2 s safe failure mode
[Ifi] Follow Current	50 kA differential mode L/N
[Iscrr] Short-Circuit Current Rating	50 kA

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 circuit breaker NSX 160B 160 A - Icu 10 kA Associated circuit breaker NSX 160B 160 A - Icu 15 kA Associated circuit breaker NSX 160B 160 A - Icu 25 kA Associated circuit breaker NSX160F 160 A - Icu 36 kA Associated circuit breaker NSX160N 160 A - Icu 50 kA Associated fuse gG 400 A
Signalling Circuit Voltage	1 A/250 V AC 1 A/30 V DC
Mounting Mode	Clip-on (DIN rail)
9 Mm Pitches	4
Height	99 mm
Width	36 mm
Depth	71 mm
Net Weight	401 g
Colour	Anthracite grey (RAL 7016)
[Ipe] Ground Residual Current	0.005 mA
Connections - Terminals	Tunnel type terminal (top or bottom) 10...25 mm² flexible Tunnel type terminal (top or bottom) 16...35 mm² rigid
Tightening Torque	4.5 N.m

Environment

Ip Degree Of Protection	IP20
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...85 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	8.2 cm
Package 1 Width	4.5 cm
Package 1 Length	11.0 cm
Package 1 Weight	428.0 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	22
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	9.825 kg

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