

Product data sheet

Specifications



PRD1 25r modular surge arrester - 1 pole - 350V - with remote transfer

16329

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
Remote signalling	With
Signal contacts composition	1 SD (1 C/O)
Surge arrester type	Electrical distribution network
Earthing system	IT 230 TN-C TT

Complementary

Surge arrester class type	Type 1 + 2
Surge arrester technology	MOV Spark gap
[Ue] rated operational voltage	230 V AC (+/- 10 %) at 50 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	
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 A/250 V AC 1 A/30 V DC
Mounting mode	Clip-on (DIN rail)
9 mm pitches	4
Height	90 mm
Width	36 mm
Depth	71 mm
Product weight	334 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	8.0 cm
Package 1 Width	4.5 cm
Package 1 Length	11.0 cm
Package 1 Weight	357.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	26
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	9.709 kg

Offer Sustainability

REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes

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
Contractual warranty	
Warranty	18 months
Recommended replacement(s)	