Product datasheet

Specification





iPRD40r modular surge arrester - 1P - 350V - with remote transfert

A9L40101

Main

range of product	Acti9	
Product name	Acti9 iPRD	
Product or component type	Surge arrester with pluggable cartridge	
Device short name	iPRD40r	
Device application	Distribution	
Standards	EN 61643-11:2012 IEC 61643-11:2011	
Product certifications	CE	
Quality labels	NF KEMA-KEUR	
poles description	1P	
Remote signalling	With	
Signal contacts composition	1 SD (1 C/O)	
Surge arrester type	Electrical distribution network	
Earthing system	TN-C IT 230	

Complementary

Surge arrester class type	Type 2
Surge arrester technology	MOV
[Ue] rated operational voltage	230 V AC (+/- 10 %) at 50/60 Hz
[In] nominal discharge current	Common mode: 15 kA (L/PE) Common mode: 15 kA (N/PE)
[Imax] maximum discharge current	Common mode: 40 kA L/PE
[Uc] maximum continuous operating voltage	Common mode: 350 V L/PE Common mode: 350 V N/PE
Maximum [Up] voltage protection level	Common mode <1.4 kV type 2 L/PE
[Ut] temporary overvoltage	337 V L/N 5 s withstand 1200 V N/PE 200 ms safe failure mode
Disconnector device type	Associated circuit breaker iC60H 40 A curve C - Icu 15 kA Associated circuit breaker IC60N 40 A curve C - Icu 10 kA Associated circuit breaker NG125H 40 A curve C - Icu 36 kA Associated circuit breaker NG125L 40 A curve C - Icu 50 kA Associated circuit breaker NG125N 40 A curve C - Icu 25 kA Associated fuse gG 63 A - Icu 15 kA Associated fuse gG 80 A - Icu 50 kA
Signalling circuit voltage	0.25 A/250 V AC 50/60 Hz

Mounting mode	Clip-on (DIN rail)	
9 mm pitches	2	
Height	85 mm	
Width	18 mm	
Depth	69 mm	
Net weight	0.112 kg	
Colour	White (RAL 9003)	
[lpe] Ground residual current	0.6 mA 0.003 mA	
Connections - terminals	Tunnel type terminal (downside) 2.535 mm ² Tunnel type terminal (upside) 2.535 mm ²	
Tightening torque	2.5 N.m	

Environment

IK degree of protection	IK03 conforming to IEC 62262
Relative humidity	595 %
Operating altitude	2000 m
Ambient air temperature for operation	-2560 °C
Ambient air temperature for storage	-4085 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.2 cm
Package 1 Width	7.4 cm
Package 1 Length	9.3 cm
Package 1 Weight	130.0 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	8 cm
Package 2 Width	10 cm
Package 2 Length	28 cm
Package 2 Weight	1.629 kg
Unit Type of Package 3	S03
Number of Units in Package 3	108
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	15.21 kg

Contractual warranty

Warranty 18 months



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Transparency RoHS/REACh

Well-being performance



Rohs Exemption Information

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information