Product datasheet

Specification





iPRD40 modular surge arrester - 1P - 350V

A9L40100

Main

range of product	Acti9	
Product name	Acti9 iPRD	
Product or component type	Surge arrester with pluggable cartridge	
Device short name	iPRD40	
Device application	Distribution	
Standards	EN 61643-11:2012 IEC 61643-11:2011	
Product certifications	CE	
Quality labels	KEMA-KEUR NF	
poles description	1P	
Remote signalling	Without	
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
Mounting mode	Clip-on (DIN rail)
9 mm pitches	2

Height	85 mm	
Width	18 mm	
Depth	69 mm	
Net weight	0.11 kg	
Colour	White (RAL 9003)	
[lpe] Ground residual current	0.6 mA 0.003 mA	
Connections - terminals	Tunnel type terminal (downside) 2.535 mm² Tunnel type terminal (upside) 2.535 mm²	
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	2.200 cm
Package 1 Width	7.200 cm
Package 1 Length	9.200 cm
Package 1 Weight	126.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	8.500 cm
Package 2 Width	10.000 cm
Package 2 Length	28.000 cm
Package 2 Weight	1.634 kg
Unit Type of Package 3	S03
Number of Units in Package 3	108
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	15.206 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