Product datasheet





iPRD8 modular surge arrester - 1P + N - 350V

A9L08500

Main

range of product	Acti9	
Product name	Acti9 iPRD	
product or component type	Surge arrester with pluggable cartridge	
Device short name	iPRD8	
Device application	Distribution	
Standards	EN 61643-11:2012 IEC 61643-11:2011	
Product certifications	CE	
Quality labels	KEMA-KEUR NF	
poles description	1P + N	
Remote signalling	Without	
Surge arrester type	Electrical distribution network	
Earthing system	TN-S TT	

Complementary

Surge arrester class type	Type 2 + 3	
Surge arrester technology	MOV + GDT	
[Ue] rated operational voltage	230 V AC (+/- 10 %) at 50/60 Hz	
[In] nominal discharge current	Common mode: 2.5 kA (L/PE) Common mode: 2.5 kA (N/PE) Differential mode: 2.5 kA (L/N)	
[lmax] maximum discharge current	Common mode: 8 kA L/PE Common mode: 8 kA N/PE Differential mode: 8 kA L/N	
[Uoc] open circuit voltage	10 kV type 3 common mode N/PE 10 kV type 3 differential mode L/N	
[Uc] maximum continuous operating voltage	Common mode: 260 V N/PE Common mode: 350 V L/PE Differential mode: 350 V L/N	
Maximum [Up] voltage protection level	Common mode <1.1 kV type 3 N/PE Differential mode <1 kV type 2 L/N Differential mode <1.1 kV type 3 L/N Common mode <1.4 kV type 2 N/PE	
[Ut] temporary overvoltage	337 V L/N 5 s withstand 1200 V N/PE 200 ms safe failure mode 442 V L/PE 5 s withstand	

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Disconnector device type	Associated circuit breaker iC60L 10 A curve C - Icu 25 kA Associated circuit breaker IC60N 10 A curve C - Icu 10 kA Associated circuit breaker iC60H 10 A curve C - Icu 15 kA Associated fuse gG 25 A - Icu 15 kA	
Manualtan and a	Associated fuse gG 80 A - Icu 50 kA	
Mounting mode	Clip-on (DIN rail)	
9 mm pitches	4	
Height	85 mm	
Width	36 mm	
Depth	69 mm	
net weight	0.211 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	4.2 cm
Package 1 Width	7.5 cm
Package 1 Length	9 cm
Package 1 Weight	236 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	8.5 cm
Package 2 Width	10 cm
Package 2 Length	28 cm
Package 2 Weight	1.477 kg
Unit Type of Package 3	S03
Number of Units in Package 3	54
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	13.831 kg

Contractual warranty

Warranty

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18 months

Sustainability Screen Premium

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Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance



Reach Free Of Svhc



Rohs Exemption Information

Yes

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
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information