### **Product datasheet**

Specification





# iPRD8 modular surge arrester - 2P - 350V

A9L08200

#### 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	2P
Remote signalling	Without
Surge arrester type	Electrical distribution network
Earthing system	TN-C-S

#### Complementary

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Surge arrester class type	Type 2 + 3
Surge arrester technology	MOV
[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)
[Imax] maximum discharge current	Common mode: 8 kA L/PE Common mode: 8 kA N/PE
[Uoc] open circuit voltage	10 kV type 3 common mode L/PE 10 kV type 3 common mode N/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 kV type 2 L/PE Common mode <1 kV type 2 N/PE Common mode <1 kV type 3 L/PE Common mode <1 kV type 3 N/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 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 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	0.216 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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.2 cm
Package 1 Width	7.2 cm
Package 1 Length	9 cm
Package 1 Weight	246 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	9.8 cm
Package 2 Width	8.5 cm
Package 2 Length	28 cm
Package 2 Weight	1.56 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	14.553 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
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