

# Product datasheet

Specifications



## iPRD8 modular surge arrester - 3P + N - 350V

A9L08600

### 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	NF KEMA-KEUR
poles description	3P + N
Remote signalling	Without
Surge arrester type	Electrical distribution network
Earthing system	TT TN-S

### Complementary

Surge arrester class type	Type 2 + 3
Surge arrester technology	MOV + GDT
[Ue] rated operational voltage	230/400 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)
[Imax] 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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Disconnecter 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	8
Height	85 mm
Width	72 mm
Depth	69 mm
Net weight	0.414 kg
Colour	White (RAL 9003)
[Ipe] Ground residual current	0.003 mA 0.6 mA
Connections - terminals	Tunnel type terminal (downside) 2.5...35 mm² Tunnel type terminal (upside) 2.5...35 mm²
Tightening torque	2.5 N.m

## Environment

IK degree of protection	IK03 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...85 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.5 cm
Package 1 Width	8.0 cm
Package 1 Length	9.0 cm
Package 1 Weight	444.0 g
Unit Type of Package 2	BB1
Number of Units in Package 2	3
Package 2 Height	8 cm
Package 2 Width	9.5 cm
Package 2 Length	27.5 cm
Package 2 Weight	1.394 kg
Unit Type of Package 3	S03
Number of Units in Package 3	27
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	13.101 kg

# Contractual warranty

Warranty	18 months
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Sustainability



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**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.


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[Guide to assess a product’s sustainability >](#)



Transparency   RoHS/REACH

Well-being performance

 Rohs Exemption Information

Yes

Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant <a href="#">EU RoHS Declaration</a>
China Rohs Regulation	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>