Product datasheet

Specifications

Green Premium™

iPRD8 modular surge arrester - 3P - 350V

A9L08300

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	3P
Remote signalling	Without
Surge arrester type	Electrical distribution network
Earthing system	TN-C IT 230

Complementary

Surge arrester class type	Type 2 + 3
Surge arrester technology	MOV
[Ue] rated operational voltage	400 V AC (+/- 10 %) at 50/60 Hz
[In] nominal discharge current	Common mode: 2.5 kA (L/PE)
[Imax] maximum discharge current	Common mode: 8 kA L/PE
[Uoc] open circuit voltage	10 kV type 3 common mode L/PE
[Uc] maximum continuous operating voltage	Common mode: 350 V L/PE
Maximum [Up] voltage protection level	Common mode <1.2 kV type 2 L/PE Common mode <1.2 kV type 3 L/PE
[Ut] temporary overvoltage	337 V L/N 5 s withstand 1200 V N/PE 200 ms safe failure mode 422 V L/PE 720 ms withstand 1455 V L/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)

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9 mm pitches	6
Height	85 mm
Width	54 mm
Depth	69 mm
Net weight	340 g
Colour	White (RAL 9003)
[Ipe] Ground residual current	0.6 mA
Connections - terminals	Tunnel type terminal (top or bottom) 2.5…25 mm² rigid Tunnel type terminal (top or bottom) 4…16 mm² flexible Tunnel type terminal (top or bottom) 4…16 mm² flexible with ferrule
Tightening torque	3.5 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 cm
Package 1 Width	8 cm
Package 1 Length	9 cm
Package 1 Weight	347 g
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Height	9 cm
Package 2 Width	10 cm
Package 2 Length	28 cm
Package 2 Weight	1.449 kg
Unit Type of Package 3	S03
Number of Units in Package 3	36
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	13.585 kg

Contractual warranty

Warranty	18 months

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Sustainability Green Premium™

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

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

Learn more about Green Premium 〉

Guide to assess a product's sustainability 〉

Transparency   RoHS/REACh

Well-being performance

✅ 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
Circularity Profile	End of Life Information