Product data sheet

Specifications



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)	

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) 2.525 mm² rigid Tunnel type terminal (top or bottom) 416 mm² flexible Tunnel type terminal (top or bottom) 416 mm² flexible with ferrule	
Tightening torque	3.5 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	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

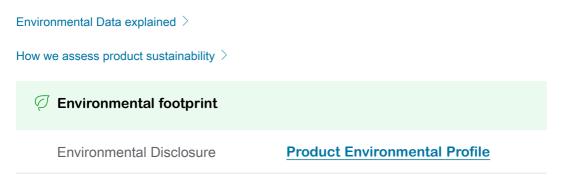
Contractual warranty

Warranty

18 months

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.



Use Better

Solution Materials and Substances		
Packaging made with recycled cardboard	Νο	
Packaging without single use plastic	Νο	
EU RoHS Directive	Compliant	
SCIP Number	A9614fa2-07f8-47d1-a2fe- e27b32003d8d	
REACh Regulation	REACh Declaration	
China RoHS Regulation	China RoHS declaration	

Use Again

\circlearrowright Repack and remanufacture	
Circularity Profile	End of Life Information

 WEEE
 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

 Take-back
 No