

# Product datasheet

Specifications



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

Local distributor code:  
408886512

A9L08500

**EAN Code: 3606480506574**

### 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)
[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

<b>Disconnecter device type</b>	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
<b>Mounting mode</b>	Clip-on (DIN rail)
<b>9 mm pitches</b>	4
<b>Height</b>	85 mm
<b>Width</b>	36 mm
<b>Depth</b>	69 mm
<b>net weight</b>	0.211 kg
<b>Colour</b>	White (RAL 9003)
<b>[Ipe] Ground residual current</b>	0.6 mA 0.003 mA
<b>Connections - terminals</b>	Tunnel type terminal (downside) 2.5...35 mm <sup>2</sup> Tunnel type terminal (upside) 2.5...35 mm <sup>2</sup>
<b>Tightening torque</b>	2.5 N.m

## Environment

<b>IK degree of protection</b>	IK03 conforming to IEC 62262
<b>Relative humidity</b>	5...95 %
<b>Operating altitude</b>	2000 m
<b>Ambient air temperature for operation</b>	-25...60 °C
<b>Ambient air temperature for storage</b>	-40...85 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	4.2 cm
<b>Package 1 Width</b>	7.5 cm
<b>Package 1 Length</b>	9 cm
<b>Package 1 Weight</b>	236 g
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	6
<b>Package 2 Height</b>	8.5 cm
<b>Package 2 Width</b>	10 cm
<b>Package 2 Length</b>	28 cm
<b>Package 2 Weight</b>	1.477 kg
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	54
<b>Package 3 Height</b>	30 cm
<b>Package 3 Width</b>	30 cm
<b>Package 3 Length</b>	40 cm
<b>Package 3 Weight</b>	13.831 kg

# Contractual warranty

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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.

[How this information helps you >](#)

## Environmental footprint

[Environmental Disclosure](#)

[Product Environmental Profile](#)

## Use Better

### Materials and Packaging

[EU RoHS Directive](#)

Compliant

SCIP Number

A9614fa2-07f8-47d1-a2fe-e27b32003d8d

REACH Regulation

[REACH Declaration](#)

China RoHS Regulation

[China RoHS declaration](#)

## Use Again

### 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