

# Product datasheet

Specifications



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

Local distributor code:

408886538

A9L08600

EAN Code: 3606480506543

### Main

Range Of Product	Acti9
Product Name	Acti9 iPRD
Product Or Component Typee	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

<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>	8
<b>Height</b>	85 mm
<b>Width</b>	72 mm
<b>Depth</b>	69 mm
<b>Net Weight</b>	0.414 kg
<b>Colour</b>	White (RAL 9003)
<b>[Ipe] Ground Residual Current</b>	0.003 mA 0.6 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>	7.5 cm
<b>Package 1 Width</b>	8.0 cm
<b>Package 1 Length</b>	9.0 cm
<b>Package 1 Weight</b>	444.0 g
<b>Unit Type Of Package 2</b>	BB1
<b>Number Of Units In Package 2</b>	3
<b>Package 2 Height</b>	8 cm
<b>Package 2 Width</b>	9.5 cm
<b>Package 2 Length</b>	27.5 cm
<b>Package 2 Weight</b>	1.394 kg
<b>Unit Type Of Package 3</b>	S03
<b>Number Of Units In Package 3</b>	27
<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>	13.101 kg

# Contractual warranty

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Warranty

18 months

## Sustainability

**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<sub>2</sub> 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

Reach Free Of Svhc

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Toxic Heavy Metal Free

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Mercury Free

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Rohs Exemption Information Yes

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## Certifications & Standards

**Reach Regulation**

[REACH Declaration](#)

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**Eu Rohs Directive**

Compliant

[EU RoHS Declaration](#)

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**China Rohs Regulation**

[China RoHS declaration](#)

Pro-active China RoHS declaration (out of China RoHS legal scope)

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**Environmental Disclosure**

[Product Environmental Profile](#)

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