

# Product data sheet

Specifications



## iPRI signal protection - 4 poles - 0.3A - 48 V

A9L16339

### Main

range of product	Acti9
Product name	Acti9 iPRI
Device short name	iPRI
Product or component type	Surge arrester
number of protected lines	4
Surge arrester type	Signal protection

### Complementary

Remote signalling	Without
Surge arrester technology	GDT
[In] rated current	0.3 A at 45 °C
[Ue] rated operational voltage	48 V DC
Nominal discharge current	Common mode: 20 kA (L/PE)
[Iimp] impulse current	70 A
[Uc] maximum continuous operating voltage	Common mode: 37 V AC L/PE Common mode: 53 V DC L/PE Differential mode: 37 V AC L/N Differential mode: 53 V DC L/N
Maximum [Up] voltage protection level	Common mode <70 V type 2 L/PE Differential mode <70 V type 2 L/N
Output voltage limits	Common mode: < 70 V at 1 kV/μs
[I total] discharge current	20 kA
Local signalling	electrical
mounting mode	Fixed
mounting support	35 mm symmetrical DIN rail
9 mm pitches	2
Height	90 mm
Width	18 mm
Depth	66 mm
Net weight	65 g
Colour	White
Material	PA6
Response time	< 1 ns

List Price displayed is VAT EXCLUSIVE.

<b>Connections - terminals</b>	Screw clamp terminal0.2...4 mm <sup>2</sup> rigid Screw clamp terminal0.2...2.5 mm <sup>2</sup> flexible Screw clamp terminal0.2...2.5 mm <sup>2</sup> flexible with ferrule
<b>Wire stripping length</b>	8 mm
<b>Tightening torque</b>	0.8 N.m

## Environment

<b>Standards</b>	IEC 61643-21 EN 61643-21
<b>IP degree of protection</b>	IP40 (modular enclosure) conforming to IEC 60529 IP20 conforming to IEC 60529
<b>IK degree of protection</b>	IK05 conforming to IEC 62262
<b>Relative humidity</b>	5...90 %
<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>	2.0 cm
<b>Package 1 Width</b>	6.7 cm
<b>Package 1 Length</b>	9.5 cm
<b>Package 1 Weight</b>	81.0 g
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	108
<b>Package 2 Height</b>	30.0 cm
<b>Package 2 Width</b>	30.0 cm
<b>Package 2 Length</b>	40.0 cm
<b>Package 2 Weight</b>	9.235 kg

## Contractual warranty

<b>Warranty</b>	18 months
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## 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 >](#)

## Well-being performance

 Mercury Free

 Rohs Exemption Information [Yes](#)

**Eu Rohs Directive** Compliant with Exemptions

**China Rohs Regulation** [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information

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