

Product datasheet

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Connections - terminals	Screw clamp terminal0.2...4 mm² rigid Screw clamp terminal0.2...2.5 mm² flexible Screw clamp terminal0.2...2.5 mm² flexible with ferrule
Wire stripping length	8 mm
Tightening torque	0.8 N.m

Environment

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

Contractual warranty

Warranty	18 months
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Sustainability



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

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Well-being performance

 Mercury Free	
 Rohs Exemption Information	Yes
Reach Regulation	REACH Declaration
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