

Product data sheet

Specifications



iPRC - 2 poles - 0.45 A - 130 V AC

A9L16337

Main

range of product	Acti9
Product name	Acti9 iPRC
Device short name	iPRC
Product or component type	Surge arrester
Number of protected lines	2
Surge arrester type	Telecom protection

Complementary

Remote signalling	Without
Surge arrester technology	GDT + diode
[In] rated current	0.45 A at 45 °C
[Ue] rated operational voltage	130 V AC
Nominal discharge current	Common mode: 10 kA (L/PE) Differential mode: 10 kA (L/N)
[Iimp] impulse current	100 A
[Uc] maximum continuous operating voltage	Common mode: 130 V AC L/PE Common mode: 185 V DC L/PE Differential mode: 130 V AC L/N Differential mode: 185 V DC L/N
Maximum [Up] voltage protection level	Differential mode <160 V type 2 L/N Common mode <200 V type 2 L/PE
Output voltage limits	Common mode: < 300 V at 1 kV/μs Differential mode: < 300 V at 1 kV/μs
[I total] discharge current	10 kA
Mounting mode	Fixed
Mounting support	35 mm symmetrical DIN rail
9 mm pitches	2
Height	90 mm
Width	18 mm
Depth	66 mm
Product weight	25 g
Colour	White
Material	PA6
Response time	< 500 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	EN 61643-21 IEC 61643-21
Product certifications	xDSL compliance
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	69.0 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	7.939 kg

Contractual warranty

Warranty (in months)	18
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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.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better

Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	Yes
SCIP Number	A9614fa2-07f8-47d1-a2fe-e27b32003d8d
EU RoHS Directive	Compliant
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer

Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins