

Product data sheet

Specifications



Acti9 iPRE ethernet network 250 MHz surge protection device

A9L16441

Main

Range Of Product	Acti9
Product Name	Acti9 iPRE
Device Short Name	iPRE
Product Or Component Type	Surge arrester
Number Of Protected Lines	8
Surge Arrester Type	Ethernet protection
Data Socket Type	RJ45

Complementary

Remote Signalling	Without
Surge Arrester Technology	GDT + diode
[In] Rated Current	0.3 A
[Ue] Rated Operational Voltage	5 V DC
Nominal Discharge Current	2.5 kA line to earth 8/20 µs C2 0.25 kA line to line 8/20 µs C1 0.5 kA line to earth 8/20 µs C1
Maximum Discharge Current	10 kA 8/20 µs C2
[Iimp] Impulse Current	1 kA line to earth 10/350 µs class D1
[Uc] Maximum Continuous Operating Voltage	6.5 V DC
Maximum [Up] Voltage Protection Level	Differential mode <35 V L+/L- Common mode <500 V L+/PE
[I Total] Discharge Current	10 kA
Cut-Off Frequency	3 dB at 250 MHz
Mounting Mode	Socket-mounted
Mounting Support	35 mm symmetrical DIN rail
9 Mm Pitches	2
Height	106 mm
Width	25 mm
Depth	45.2 mm
Net Weight	105 g
Colour	Grey
Material	Aluminium

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

Response Time	< 1 ns
Insulation Resistance	>= 5 MOhm
Type Of Cable	Twisted shielded cable 4 pairs

Environment

Standards	IEC 61643-21 EN 61643-21
Ip Degree Of Protection	IP20 conforming to IEC 60529
Relative Humidity	5...95 % conforming to IEC 61643-21
Operating Altitude	2000 m conforming to IEC 61643-21
Ambient Air Temperature For Operation	-40...70 °C
Ambient Air Temperature For Storage	-40...70 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5.3 cm
Package 1 Width	5.2 cm
Package 1 Length	15.2 cm
Package 1 Weight	210 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	12
Package 2 Height	6.5 cm
Package 2 Width	24.0 cm
Package 2 Length	55.0 cm
Package 2 Weight	2.66 kg
Unit Type Of Package 3	CAR
Number Of Units In Package 3	36
Package 3 Height	22.0 cm
Package 3 Width	30.0 cm
Package 3 Length	57.0 cm
Package 3 Weight	8.69 kg

Sustainability

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Well-being performance

✓	Reach Free Of Svhc	
✓	Toxic Heavy Metal Free	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes
Reach Regulation		REACH Declaration
Eu Rohs Directive		Compliant
		EU RoHS Declaration
China Rohs Regulation		China RoHS declaration
		Pro-active China RoHS declaration (out of China RoHS legal scope)