



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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ESP-100-POE Network Lightning/Surge Protector



SPECIFICATIONS

PARAMETER	PERFORMANCE
Operating Voltage	Data 5V ; POE 48V
Clamping Voltage	7.5V Data (Pins 1,2,3,6) 70V POE (Pins 4,5,7,8)
Max Surge Discharge Current	5KA (8/20uS)
Peak Pulse Current	100A (10/1000uS)
Pins Protected	All 8 Pins
Protection Mode	Differential & Common Mode L-L, L-G
Insulation Impedance	>1000 M Ω
Max Shunt Capacitance	<25pF
Data Rate	100 Mbps
Response Time	<5 nS
Operating Temperature	40°C to +85°C
Storage Temperature	-40°C to +85°C
Operating Humidity	0% to 95% non condensing
Size (L x W x H)	3.3" x 1" x 1" (83 x 25.4 x 25.4mm)
Size (overall)	3.7" x 1" x 1" (94 x 25.4 x 25.4mm)
Weight	2.8oz (80g)
Ground Wire	14AWG, 10.8" (275 +/-5mm) long
Connectors	RJ45 Shielded Jacks
COMPLIANCE	
Operating Voltage	Data 5V ; POE 48V
Clamping Voltage	7.5V Data (Pins 1,2,3,6) 70V POE (Pins 4,5,7,8)

SYSTEM ORDERING INFORMATION

ESP-100-POE Network lightning/surge protector, LAN/POE 7.5/70V clamp

NOTES

- All shipments F.O.B. Schaumburg, IL 60173

ANT-DS-ESP-100-POE 1116

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