

## 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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