

Ethernet Surge Protector

A surge protector is an appliance designed to protect electrical devices from voltage spikes. A surge protector attempts to regulate the voltage supplied to an electric device by either blocking or by shorting to ground voltages above a safe threshold. The 3Max-ESP100 will ensure the reliable operation of RJ-45 twisted pair based networking equipment running Ethernet.



3Max-ESP100

Features:

- > Shielded RJ45 jack and metal housing for EMI noise suppression
- > CAT5/CAT5e compatible
- > Cast aluminium construction
- > Integral mounting feet

Specifications

Operating Voltage	Data 5V PoE 48V
Clamping Voltage	Data 7.5V PoE 70V
Max. Surge Discharge Current	5KA (8/20uS)
Peak Pulse Current	100A (10/1000uS)
Pin Protected	All 8 pin protected
Protection Mode	Differential & Common mode
Insulation Impedance	> 1000M Ohm
Max. Shut Capacitance	Power<2100pF, Data<25pF
Data Rate	100 Mbps
Impulse protected Voltage	< 650V
Response Time	< 5 nS
Operating Temperature	-20°C~+60°C
Storage Temperature	-40°C~+80°C
Operating Humidify	0~95% non condensing
Ground Lug wire	16 AWG
Dimensions	82 x 25.4 x 25.4 mm (include bracket) 68 x 25.4 x 25.4 mm (without bracket)
Weight	68 g