



## Datasheet: Surge Protector

### Introduction

This network 802.3at PoE-compatible lightning surge protector has the following features:

- Shielded RJ45 jack and metal housing for EMC noise suppression
- CAT5/CAT5e compatible
- Cast aluminum construction
- Integral mounting feet
- 802.3at compliant

## Specifications

|                                      |                                                                   |
|--------------------------------------|-------------------------------------------------------------------|
| Operating Voltage                    | Data 5V; PoE 48V                                                  |
| Break Down Voltage                   | Power Port 90V; Data Port 90V                                     |
| Max. Surge Discharge Current(8/20uS) | Power & Data Port 10KA                                            |
| Peak Pulse Current(10/1000uS)        | 100A                                                              |
| Protection Mode                      | Differential & Common mode                                        |
| Insulation Impedance                 | > 1000M Ohm                                                       |
| Max. Shut Capacitance                | Power & Data Port < 2.5 pF                                        |
| Data Rate                            | 1000 Mbps                                                         |
| Impulse protected Voltage            | < 250V                                                            |
| Response Time                        | < 5 nS                                                            |
| Operating Temperature                | -40°C~+85°C                                                       |
| Storage Temperature                  | -40°C~+125°C                                                      |
| Operating Humidify                   | 0~95% non-condensing                                              |
| Ground Lug wire                      | 14 AWG                                                            |
| Dimensions                           | 120x25.4x25.4mm (include bracket);<br>111x25.4x25.4mm (main body) |
| Weight                               | 105g                                                              |