

## Configurations

TSJ Model	POE-24	POE-48
<b>Nominal Service Voltages</b>	Signal ..... 12V DC Power .... 24V	Signal ..... 12V DC Power .... 48V
<b>Voltage Protection Levels</b> 10/1000 µs	Signal ..... 25V DC Power .... 50V	Signal ..... 25V DC Power .... 100V
<b>Connector</b>	RJ-45 – protects all 8 lines	RJ-45 – protects all 8 lines

### Surge Current Ratings

10/1000 µs 100A

**Operating Temperature** -30 °C to +65 °C

**Dimensions** 2.1" H X 2.1" W X .875" D  
5.4 cm X 5.4 cm X 2.22 cm

**Response Time (Max.)** <5 Nanoseconds

## Features

- Protects both power and ethernet lines
- Low capacitance, less than 30pf
- On both units, Ethernet is protected on pins 1-2, 3-6; DC Power is protected on pins 4-5, 7-8

TSJ POE-24



## Actual Applications

Power Over Ethernet

Traditional 10/100 Base-T Ethernet



ISO9001 Certified

**Warranty** Five (5) year manufacturer warranty