The 372S-4G Gigabit Ethernet Surge Protection Module is designed to provide state-of-the-art protection for high speed networks or similar low-voltage, data networks.

**KEY PRODUCT BENEFITS**

- CAT6, 10/10/1000BaseT up to 1 Gbps
- Terminations are made by means of convenient rockers and Insulation Displacement Contacts (IDC)
- Available with RJ-45 male pigtail or sealed IDC pigtail
- Uses multiple three-electrode gas tubes for primary protection
- Gas discharge tube shunts large overvoltage/overcurrent transients to Ground; protecting sensitive equipment
- Protection elements are encapsulated to protect them from any environmental factors that can adversely affect the performance of the protector
- Compatible with Power Over Ethernet (PoE)
- Available installed in an outdoor rated weather resistant enclosure

**INDUSTRY STANDARDS**

- Listed to UL 497 as a primary surge protector
- Meets Telcordia GR-1361-CORE, TR-NWT-000975 and TR-NWT-001305
**372S-4G Series**

Dimensions are in Inches

### Electrical Interfaces
- CAT6 compatible 10/100/1000BaseT
- Data Rate: 1 Gbps
- Capacitance: < 2pF
- Insertion Loss (0.5 – 100MHz): < 1dB
- Power Over Ethernet: 60V DC, 750mA per pair

### Surge Protection
- All four wire pairs protected with balanced GDTs
- Response Time: < 2uS
- DC Breakdown: 230V Nominal
- Impulse Breakdown 100V/uS: 400V max.
- Max Impulse Current 8/20u: 20kA, 10kA each side simultaneously

### Impulse Life:
- 10 Amp, 10/1000µS: 1500 Surges
- 100 Amp, 10/1000µS: 100 Surges
- 300 Amp, 10/1000µS: 50 Surges

### AC Discharge Current
- 10 Amp, 1 Second: 5 Operations
- 1 Amp, 1 Second: 60 Operations

### Environmental
- Operating Temp: -40º C to +60º C
- Humidity: 100% non-condensing

### ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Description</th>
<th>Standard Pkg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>372S-4G</td>
<td>Gigabit Ethernet Surge Protection Module with RJ-45 Pigtail</td>
<td>50 pieces - 0.175 lbs. each</td>
</tr>
<tr>
<td>372S-4G-IDC</td>
<td>Gigabit Ethernet Surge Protection Module with Sealed IDC Pigtail</td>
<td></td>
</tr>
</tbody>
</table>

### INSTALLED IN OUTDOOR RATED ENCLOSURE

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<tr>
<td>372S-4G-IDC-1</td>
<td>Gigabit Ethernet Surge Protection Module with Sealed IDC Pigtail Installed in Outdoor Rated Enclosure</td>
</tr>
</tbody>
</table>

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