

# 372S-4G Series

## Gigabit Ethernet Surge Protection Module

Fully Encapsulated Components

Heavy Duty Gas Tube Protection

CAT6 Compliant

Listed to UL 497 (Primary Protection)



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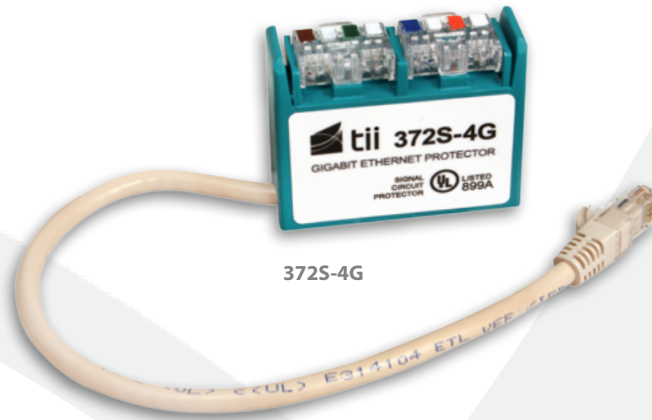
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372S-4G



372S-4G-IDC

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.

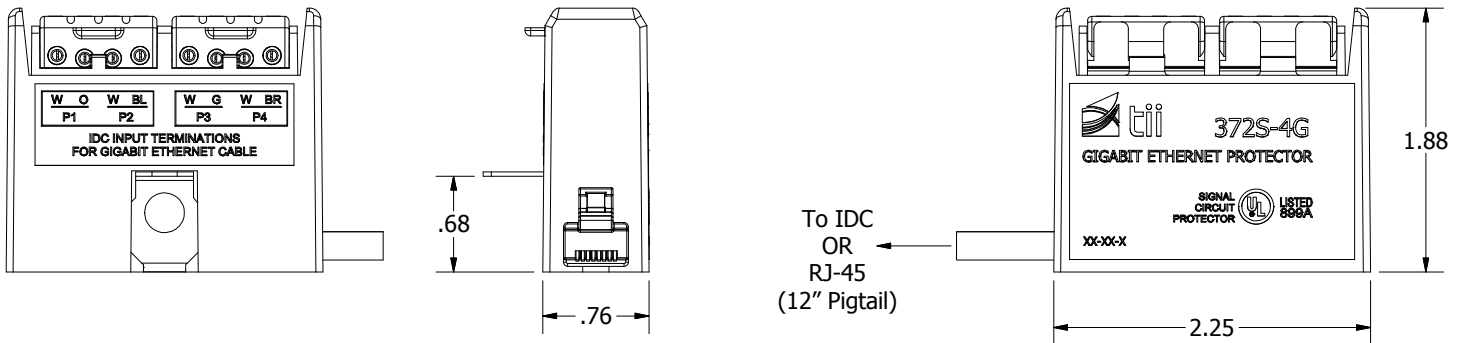
### KEY PRODUCT BENEFITS

- ▶ 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

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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

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	-40° C to +60° C
Humidity	100% non-condensing

## ORDERING INFORMATION

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

## INSTALLED IN OUTDOOR RATED ENCLOSURE

Model No.	Description
<b>372S-4G-IDC-1</b>	Gigabit Ethernet Surge Protection Module with Sealed IDC Pigtail Installed in Outdoor Rated Enclosure



372S-4G-IDC-1