

Surge protect and common ground incoming and outgoing network and high speed internet lines protecting them from harmful transient voltages and ground potentials reducing lockups, glitches, reprogramming issues and lightning damage.

Rebooting, reprogramming and replacing processors, circuit boards and components can be a never-ending battle. **Without treating these transients pulses degrade the life and reliability of these systems and controls.** The TPD-CAT6 offers the highest quality data line protection available.

Strategically protect data pathways that are connected to network. Installing the TPD-CAT6 will reduce damage caused by surges that enter on these pathways and destroy routers, hubs and network devices. The TPD-CAT6 unit incorporates the newest solid state technology. Unlike other technologies on the market the TPD-CAT6 does not use gas tubes and its performance will not degrade. You can count on the TPD-CAT6 working now and 5000 surges later.



Switches
Modems
Routers

Networks
POE Cameras
Ethernet

CAT6 CONFIGURATIONS

SPECIFICATIONS

Applications: Data systems with up to <1Gbps & <100Mhz using any Cat5 or Cat6 wire.

Design: Solid State fail-safe design

Warranty: 3-Year Unlimited Free Replacement

Wires Protected: All wires.

Response Time: < 1 nanosecond

Strength: 1500 Watts Per Wire; 6000 Watts Per Unit ("S" pigtail models: 3000 Watts Per Unit)

Number of Protected Pairs (Wires): 4 Pair (8 wire)

Dimensions TPD-CAT6 & POE: 2.28"H x 1.40"W x 2.28"D

Dimensions TPD-CAT6-S & POE-S: 1.25"H x 1.25"W x 0.65"D

Enclosure Type: Polycarbonate Rated V-0

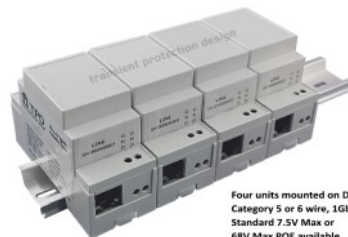
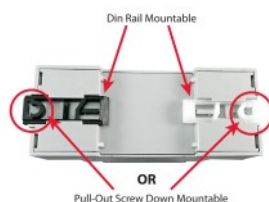
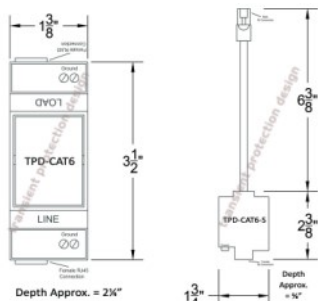
Connection Method TPD-CAT6 and POE: RJ45 In/Out (RJ45 female connections on both sides). Bidirectional, not in/out sensitive.

Connection Method TPD-CAT6-S and POE-S: (1) RJ45 female connection (1) RJ45 male connection. Bidirectional, not in/out sensitive.

Operating Temperature: -40° C to 85° C (-40° F to 185° F)

Weight: 0.3 lbs. (0.13 kg)

Mounting Method: Screw down or Din-Rail Mounted. See below.



Model Number	Description	Maximum Operating Voltage	Maximum Data Rate
TPD-CAT6	4 Pairs (8 Wires) RJ45 IN/Out Standard	6.3V	1 Gbps
TPD-CAT6-POE	4 Pairs (8 Wires) RJ45 IN/Out Power Over Ethernet	56V	1 Gbps
TPD-CAT6-S Slimline Case	4 Pairs (8 Wires) RJ45 IN/Out Standard,	6.3V	1 Gbps
TPD-CAT6-POE-S Slimline Case	4 Pairs (8 Wires) RJ45 IN/Out Power Over Ethernet	56V	1 Gbps

Specifications subject to change without notice, see web site www.TPDsurge.com or latest revisions.

CUSTOMER COMMENTS:

"We have Ethernet lines for cameras, outdoor WAP and distributed video just to name a few. Every time a storm came through by we lost an electronic device on the system that was tied into one of these lines. The damage usually occurred on the low voltage side of the equipment. After using the combination TPD-Cat6 units along with the TPX on all breaker panels we have not had one issue!"

"Everything else we tried failed because of the lack of strength. Not only did the TPD units survive but the lockups we were experiencing are also gone!"