



## WARRANTY STATEMENT

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During the applicable warranty period, any Total Protection Solutions™ surge protector device which fails due to defect in materials, workmanship, or any transient surge event, including lightning, shall be repaired or replaced at TPS's discretion without charge. The applicable warranty period for the TPS surge protective device is outlined below in the War-ranty Period section. The warranty period for any repaired devices or replacement devices will be only the remaining portions of the original limited warranty.

Within a reasonable time, but in no case to exceed forty-five (45) days, user shall contact Company's customer service department and obtain a Return Material Authorization (RMA) before returning any products. User shall ship the product(s), with proof of purchase, to Company freight prepaid.

The Company shall have no liability under this warranty for problems or defects directly or indirectly caused by misuse of the Product, alteration of the Product (including removal of any warning labels), accidents, improper installation, application, operation or improper repair of the Product.

THIS WARRANTY REPRESENTS THE ENTIRE WARRANTY OF THE COMPANY. ALL OTHER WARRANTIES EXPRESS OR IMPLIED, ORAL OR WRITTEN, INCLUDING, BUT NOT LIMITED TO, THE WARRANTIES OF MERCHANT ABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED.

The liability of the Company, at its sole option, under this warranty is expressly limited to the replacement or repair of the defective part thereof. IN NO EVENT SHALL THE COMPANY BE LIABLE OR RESPONSIBLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY KIND OR CHARACTER, NOR SHALL ITS LIABILITY EVER EXCEED THE PURCHASE PRICE PAID TO COMPANY FOR SUCH DEFECTIVE PRODUCT.

This warranty is not transferable and may only be enforced by the original purchaser. Claims under this warranty must be submitted to Total Protection Solutions, LLC. within thirty (30) days of discovery of any suspected product defect.

<u>Warranty Period</u>	Three Year Unlimited Free Replacement
TK-CT2-CAT6-POE-16P-19RAC	Warranty for the original purchaser only.

## SAVE THESE INSTRUCTIONS

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Note: If devices are received damaged, notify the shipping company immediately. Retain containers and packing materials for inspection.

Total Protection Solutions, LLC.  
P.O. Box 340  
Winter Park, FL 32709

Tel: 800.647.1911 - [www.TPSurge.com](http://www.TPSurge.com)

## CAUTION—IMPORTANT SAFETY INFORMATION

- Never install communication wiring during a lightning storm.
- This product is for INDOOR USE ONLY.
- The below suppressors are intended for use as protectors for low voltage signal, data and communication lines.
- Read and understand all instructions prior to installation and operation.

## INSTALLATION

### TK-CT2-CAT6-POE-16P-19RAC

#### GROUNDING

The SPD's supplied ground lug must be connected to the ground reference used by the system being protected. In some environments, this ground point may be the ground terminal of the AC outlet supplying the rack equipments' electrical ground.

#### NO INDEPENDENT GROUNDS

Surge devices must not be connected to ground points that are independent of AC ground.

Installation contractor shall bolt 16-port TPS SPD directly to 19" rack. SPD can be positioned for front or rear access. SPD will occupy two vertical spaces within the rack. Ground the SPD using the supplied ground lug installed on the SPD. TPS model TK-CT2-CAT6-POE-16P-19RAC SPD should be installed as a patch-panel between the exterior POE loads and the interior rack mounted video switch or DVR. Ensure that all Ethernet patch cords are wired and seated correctly. Test video signal on each port used at completion of installation.

Please note: any exterior POE loads must not be grounded to a separately derived ground. A current loop will exist causing signal loss and/or irregular equipment operation. For external POE load surge protection, install TPS model TK-CT2-CAT6-POE-DIN2.

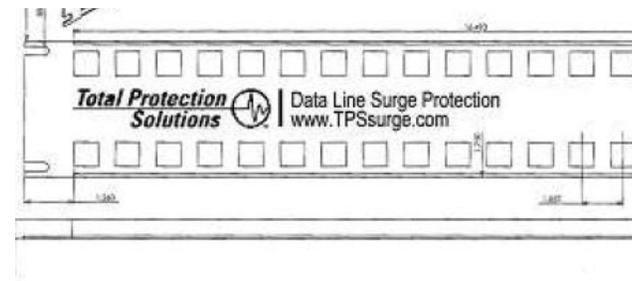
For exterior loads subject to high moisture environments, add suffix "-C" for conformal coating of SPD circuit board.

Note: It is always best to test grounds to verify their existence before relying on them to protect sensitive equipment.

## INSTALLATION CONTINUED

## DIMENSIONS

19"W x 3.5"H x 0.5"D



## REPLACEABLE MODULES

The rack mounted SPD has 16 replaceable modules. Should one or more modules become damaged due to a transient event including lightning, call the TPS Service Hotline to receive a return merchandise authorization (RMA) number. It is the customer's responsibility to return any failed modules within 45-days of receiving an RMA to avoid being charged for said replacement(s). If the return module is tested as a "working within specs" in our test laboratory, the module will be returned to the customer and the customer will be charged for the replacement module as well as shipping charges to return the operational returned SPD module.