

## 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 electrical anomaly, 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 Warranty 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.

### Warranty Period

|                                     |   |
|-------------------------------------|---|
| TK-CT2-DB9 , TK-CT2-CAT5E           | Three Year Unlimited Free Replacement     |
| TK-CT2-CAT5E-POE &<br>TK-CT2-AmpPro | 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.

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# ComTrack™

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## Surge Protection Device

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### ComTrack™ Low Voltage Units

TK-CT2-DB9  
TK-CT2-CAT5E  
TK-CT2-CAT5E-POE  
TK-CT2-AmpPro

### Installation Operation and Maintenance Manual

## 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-DB9, TK-CT2-CAT5E, TK-CT2-CAT5E-POE & TK-CT2-AmpPro

1. Connect the Load (protected) Side of the TK-CT2 Series product to your communications equipment.
2. Connect your incoming (unprotected) communication cable to the Line (exposed) Side of the TK-CT2 Series product.
3. Connect an AWG # 14 ground wire from the unit's ground stud and secure it to the nearest available chassis ground.

### GROUNDING

The unit's 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 bar in the AC power panel or low voltage equipment electrical ground. Ground leads should not exceed 12 inches.

### PERFORMANCE NOTE

The grounding conductor must be as short as possible. Minimize length to the cm/inch using a minimum wire size of 14 AWG.

### NO INDEPENDENT GROUNDS

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

### MOUNTING INFORMATION

A ground lug is provided with each unit and can accommodate up to #10 AWG ground wire.

### ENCLOSURE DIMENSIONS

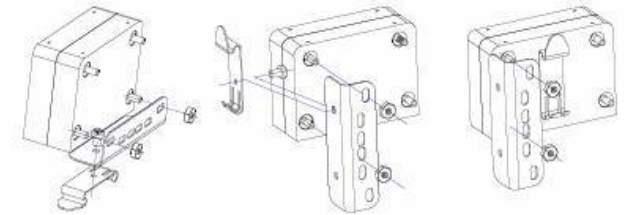
Case A : 2.885"H x 2.130"W x 1.130"D

Case B : 4.375"H x 2.885"W x 1.230"D

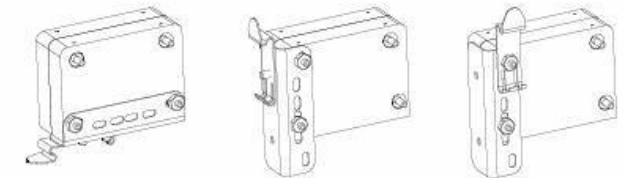
|                  |                                      |
|------------------|--------------------------------------|
| TK-CT2-DB9       | CASE A (2.885"H x 2.130"W x 1.130"D) |
| TK-CT2-CAT5E     | CASE B (4.375"H x 2.885"W x 1.230"D) |
| TK-CT2-CAT5E-POE | CASE B (4.375"H x 2.885"W x 1.230"D) |
| TK-CT2-AmpPro    | CASE B (4.375"H x 2.885"W x 1.230"D) |

**NOTE:** The protected device/equipment should also have AC protection because it is still vulnerable to transients on the power lines. Omitting AC protection poses a continued threat of failures at the communication interface.

## INSTALLATION CONTINUED



**CASE A**



NOTE: Grounding is accomplished via the securing screws of the units. When the din rail clip is used it will pick up a ground connection becoming part of the unit's ground.

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



**CASE B**

