WARRANTY STATEMENT

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 Protections Solutions, LLC. within thirty (30) days of discovery of any suspected product defect.

Warranty Period

TK-CT2-24SCP2-xx	Ten Years Unlimited Free Replacement
TK-CT2-48SCP2-xx	

SAVE THESE INSTRUCTIONS

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 3760, Winter Park, FL 32790
TEL: 800-647-1911 www.TPSSurge.com

Total Protection Solutions

ComTrack™

Surge Protection Device

ComTrack™ SCP Low Voltage Units

Installation Operation and Maintenance Manual

COMTRACK™ INSTALLATION, OPERATION AND MAINTENANCE MANUAL

CAUTION - IMPORTANT SAFETY INSTRUCTIONS

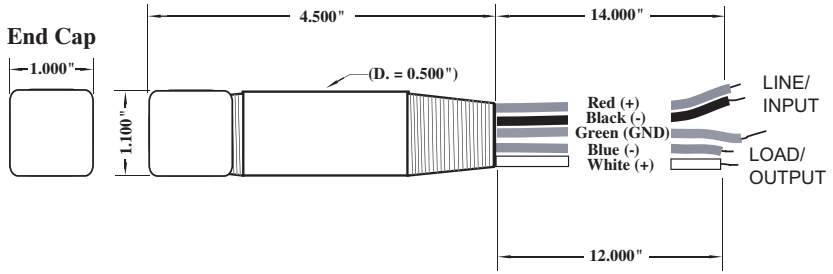
1.) Never install communication/signal wiring during a lightning storm.
2.) SCP Series of suppressors are intended for use as primary protectors for 4-20mA loop applications.
3.) Read and understand all instructions prior to installation and operation.

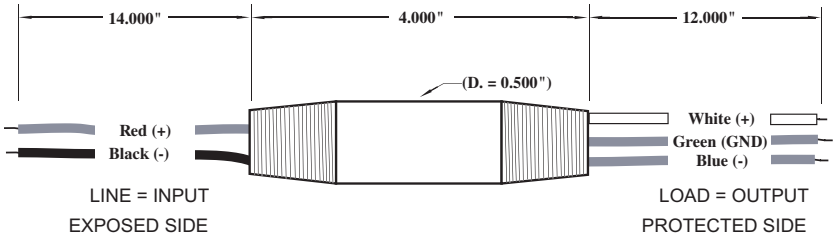
INSTALLATION

The SCP Series of products are easy to install. The following instructions clearly explain each step.

NOTE: Make sure you follow the installation instructions exactly; if the suppressor is improperly installed, the current limiting feature could be rendered inoperable.

1.) Connect the LOAD (protected) SIDE of the SCP Series to your communications equipment. LOAD is equal to OUTPUT or PROTECTED.
2.) Connect the incoming cable to the LINE (unprotected) SIDE of the SCP Series. LINE is equal to INPUT or EXPOSED SIDE.
3.) Connect the unit's ground wire by securing it to the nearest available earth or chassis ground. If you are unable to utilize the ground wire from the SCP it may be removed as long as the SCP is attached to a metal enclosure or pipe that is grounded.





MECHANICAL SPECIFICATIONS

Dimensions (approx): 4.5" H x 1.1" W x 1" D
Enclosure Type: Stainless steel type 316L, 1/2" conduit pipe and cap. Models with NPT thread.
Connection Method: #16 AWG Tinned Copper wire provided

WIRING INFORMATION

CASE P-CA
Cap Style

LOAD equals PROTECTED
(White, Green & Blue Wires)

LINE equals EXPOSED
(Red and Black Wires)

White to Red = POSITIVE
Blue to Black = NEGATIVE
Green = GROUND

CASE P-FT
Feed Through

LOAD equals PROTECTED
(White , Green & Blue Wires)

LINE equals EXPOSED
(Red, Black Wires)

White to Red = POSITIVE
Blue to Black = NEGATIVE
Green = GROUND

Independent Grounds

When protecting the processor, the surge protection device must be connected to the same ground reference point as the AC ground. When protecting a flow meter, level meter or other field instrumentation, if the field instrumentation is not grounded, you should not ground the suppression device at the terminating end/field location as this will create a current loop (also known as a ground loop) resulting in signal loss and/or equipment failure. To prevent multiple grounds, we recommend using a non-conductive J-Box.