

## WARRANTY INFORMATION

Meter-Treater, Inc. (MTI) warrants all **SLT Series** models to be free from defects, and will at our option repair or replace the product should it fail within ten (10) years from the first date of shipment.

This warranty is limited to defects in workmanship or materials, and does not cover customer damage, abuse or unauthorized modification. If this product fails or does not perform as warranted, your sole recourse shall be repair or replacement as described above. Under no condition shall **MTI** be liable for any damages incurred incidental or consequential damages arising from the use of or the inability to use this product. **MTI** specifically disclaims all other warranties, expressed or implied, and the installation or use of this product shall be deemed an acceptance of these terms by the user.

## SERVICE

All warranty and non-warranty repairs must be returned freight prepaid and insured to **MTI**. All returns must have a Return Materials Authorization number on the outside of the shipping container. This number may be obtained from **MTI** Technical Service at (800) 342-6890. Products returned without an RMA number will not be accepted.

The **SLT Series** has no user serviceable parts; therefore, it should not be opened by unauthorized personnel. If a **SLT Model** becomes nonfunctional it must be returned to **MTI** for replacement. Unauthorized attempts to service the product will void all warranty claims.

## SAVE THESE INSTRUCTIONS

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**NOTE:** If devices are received damaged, notify the shipping company immediately. Retain all containers and packaging materials for inspection.

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# SLT POE/CAT5E SERIES



## USER MANUAL

## INSTALLATION INSTRUCTIONS AND WARRANTY INFORMATION



MS 220-7/9/10  
P/N: 902-4011-A00

## CAUTION - IMPORTANT SAFETY INSTRUCTIONS

1. Never install communication wiring during a lightning storm.
2. This product is for **INDOOR USE ONLY** or for use inside an enclosure approved for outdoor use.
3. Read and understand all instructions prior to installation and operation.

## INSTALLATION

The **SLT POE/CAT5E SERIES** of products are easy to install. The following instructions clearly explain each step:

**NOTE:** For best performance, make sure that you follow the installation instructions for the surge protector as closely as possible.

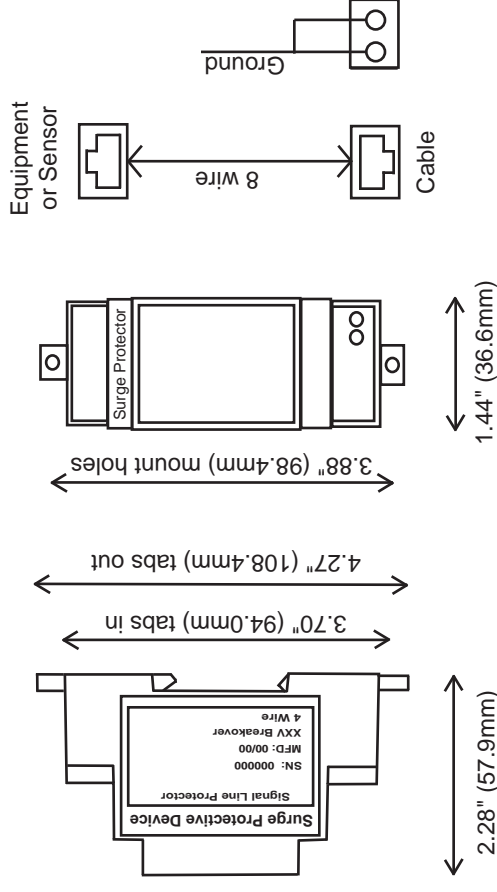
### **SLT DIN Models:**

1. Mount the SLT surge protector in the desired location. For best performance the surge protector should be as close as practical to the equipment to be protected. The SLT DIN model may be mounted on standard DIN rail or the mounting tabs located near the terminals may be extended for direct placement using #6 fasteners placed 3-7/8 inches (98.4mm) apart.

**NOTE:** The SLT surge protector is connected in series. The surge protector is not Line/Load sensitive.

2. Connect the Equipment/Sensor side of the SLT surge protector to the communication equipment to be protected.
3. Connect the Cable side of the SLT surge protector to the incoming communication cable.
4. Connect a ground wire from the SLT surge protector to the nearest available chassis ground.

## MOUNTING INFORMATION



## WARNING

Should your equipment or building be subject to a direct lightning strike, this product will not provide complete protection.

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

## GROUNDING

The unit's ground wire must be as short as possible with a minimum amount of bends. This will increase the effectiveness of the surge protector. Ground wire sizes between 20AWG and 14AWG are recommended. Larger size ground wires are more effective. Ground wire lengths in excess of 12 inches (30.5cm) is not recommended.

Typically the unit is grounded at the communication equipment and connected to the floating ground or installed with the ground wire disconnected at the remote sensor located outside the main structure to prevent ground loop currents caused by different ground potential references.

The surge protector must not be grounded to ground points that are independent of AC ground.

**NOTE:** If you have any questions as to how your equipment is grounded, consult the manufacturer's user manual(s).