

Warranty Information

Meter-Treater, Inc.(MTI) warrants to its customers that the hardware products that MTI manufactures and sells will be free from defects in material and workmanship. Warranty coverage is for fifteen (15) years starting from the date of the original shipment from MTI. If any such product proves defective during the applicable warranty period, MTI, at its discretion, will repair without charge for parts and labor or will provide a replacement in exchange for the defective product. THESE WARRANTY TERMS ARE FOR RESIDENTIAL INSTALLATIONS ONLY.

This warranty shall not apply to any defect, failure, and/or damage caused by improper use, or inadequate maintenance or care. MTI shall not be obligated to furnish service under this warranty (a) to repair damage resulting from connection to incompatible equipment or (b) to service a product that has been modified, altered or integrated with other products. For additional warranty information contact MTI at 800.342.6890.

Warranty Returns

All warranty and non-warranty repairs must be returned freight prepaid and insured to MTI. All returns must have a Return Materials Authorization (RMA) number on the outside of the shipping container. This number may be obtained from MTI Customer Service at 800.342.6890. Products returned without an RMA number will not be accepted.

IF UNIT(S) ARE RECEIVED DAMAGED, NOTIFY THE SHIPPING COMPANY IMMEDIATELY. RETAIN ALL SHIPPING CONTAINERS AND PACKING MATERIALS FOR INSPECTION.

Please Note:
There are no user serviceable parts inside.



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MTI-METERINSTALL-92021

Meter-Base Surge Protection Device User Manual & Installation Guide

(Units include 400 Series, 575 Series, 675 Series & CL320 Series)

Surge Protection Devices For AC Power Applications



400 Series
Residential
Installations



575 Series
Residential
Installations



675 Series
Residential & Commercial
Installations



CL320 Series
Residential,
Commercial & Light
Industrial Installations

DANGER OF FLASH BURNS AND BODILY INJURY!!

USE A SAFETY INSTALLATION COVER (AE Products Part #A34-0018-000) DURING INSTALLATION AND REMOVAL. ENSURE LOCKING RING IS PROPERLY INSTALLED AND SECURE. DEVICE TO BE INSTALLED AND REMOVED BY A QUALIFIED AND LICENSED TECHNICIAN.

NEVER APPLY GREASE OR PRY JAWS.

REFERENCE 'ELECTRICITY METERING HANDBOOK'

DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH

Never install this unit if it has fallen, has been dropped or looks damaged in any way. Return device to factory for diagnostic testing.

Thoroughly read and comprehend all instructions before commencing installation. Failure to follow these instructions could result in damage to the electrical system(s) or related equipment.

This equipment must be installed by qualified electrical personnel in accordance with all applicable codes which supersede these instructions. Improper installation or misapplication of these devices may result in death or serious injury.

Apply appropriate Personal Protective Equipment (PPE) and follow safe electrical work practices. See NFPA 70E.

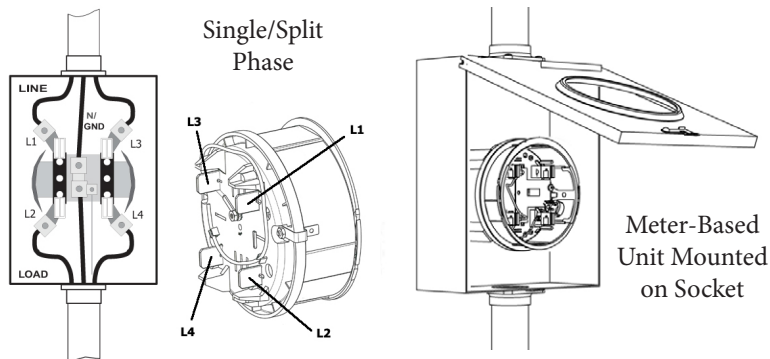
CAUTION

DO NOT INSTALL DURING A LIGHTNING STORM

WARNING

HAZARD OF EQUIPMENT DAMAGE

This device does not contain serviceable parts. Do NOT attempt to test this device, damage may occur. Any alterations, tampering, misuse or unauthorized repairs of this product will void its original factory warranty. Never install on an underground system.



INSTALLATION

This unit must be installed by a qualified electrician or power company employee familiar with the danger of working around live electrical equipment.

CAUTION: ELECTRONIC COMPONENTS - NEVER INSTALL THIS UNIT IF IT HAS FALLEN OR BEEN DROPPED. RETURN DEVICE TO FACTORY FOR RETESTING.

1. Verify that the building has single-phase service (400 series, 575 series, CL320 series) or three-phase service (675 series) and that the meter conforms properly with the Meter-Treater.
 - A. **400 and 575 Series** Use a "5J" version for five jaw 208 volt networked meters. **This unit was designed for residential loads that do not draw more than 200 amps continuous.**
 - B. **CL320 Series** **This unit was designed for residential, commercial and light industrial loads that do not draw more than 320 amps continuous.**
 - C. **675 Series** **This unit was designed for residential and commercial loads that do not draw more than 200 amps continuous.**

2. Notify customer that the power will be off momentarily. Disconnect any large inductive loads such as air conditioners, pumps or other large motors.

DANGER, THERE IS LETHAL VOLTAGE INSIDE THE METER-CAN EVEN WITH THE METER REMOVED!!!!

3. While wearing appropriate PPE, remove the meter and inspect the neutral/ground bond inside the meter-can. Correct any problems before proceeding. Good grounding is important.
4. If this unit is provided with a ground wire (green) it must be attached to the neutral/ground bond inside the meter-can, to the ground wire with a split bolt, or to the meter-can itself with a self-drilling self-tapping sheet metal screw using a power driver. Units with a fifth jaw at the 9 o'clock position or units with a ground jaw do not require the auxiliary ground wire.

INSURE THAT THE GREEN GROUND WIRE DOES NOT MAKE CONTACT WITH EITHER LEG OF SERVICE.

GROUND WIRE SHOULD BE ATTACHED SO THAT IT WILL LOOP DOWN IN THE METER-CAN.

5. This device has improved jaw blades ensuring better current handling capabilities. In accordance with ANSI standards, a slightly higher insertion force may be required to install a meter into a Meter-Treater.
6. A safety installation cover (AE Products Part #A34-0018-000) must be installed over the face of the Meter-Treater as a precaution during the insertion of the Meter-Treater into the socket.
7. Never pry open, grease or alter the jaw receptacles in the Meter-Treater.
8. Re-seal meter. WHEN USING AN ADDITIONAL LOCKING/SEALING RING (screw lock is recommended) BE SURE IT IS INSTALLED IN THE PROPER DIRECTION AND SNUG. Re-seal Meter-Treater and verify proper meter operation.
9. Deliver or advise customers that single outlet protectors, cable TV, and phone line protectors are recommended for protection of their more sensitive equipment.

PLEASE CALL OUR HELP LINE SHOULD YOU HAVE ANY QUESTIONS BEFORE INSTALLATION 1.800.638.3788