

ELBOW SURGE ARRESTOR FOR PAD MOUNT TRANSFORMERS

Thank you for your purchase of the Larson Electronics MT-PML-XX-SG-EB-LB Elbow Surge Arrestor.

**CAUTION:**

- The installation of this product must be carried out by qualified technical personnel.
- Contact with energized equipment can cause serious damage and even death.
- Wear appropriate protective equipment.
- Make sure accessories are completely dry and in good condition at the time of installation.

**DANGER:**

- Do not touch or handle energized products without adequate protective equipment. Errors in the compliance of this instruction can result in damage to the product, serious injuries to people and even death.
- All associated equipment must be de-energized during installation and maintenance.
- The following instructions do not cover details or variables in the change / installation of the product, to prevent contingencies, please contact Larson Electronics if required.

SAFETY INFORMATION

The instructions in this manual are not intended as a substitute for proper training or adequate experience in the safe operation of the equipment described. Only competent technicians, who are familiar with this equipment should install, operate and service it.

DESCRIPTION

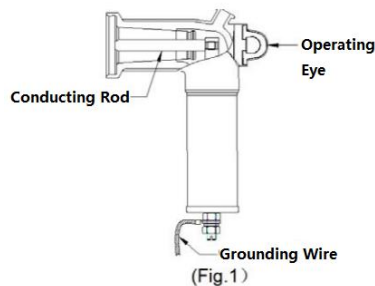
Elbow Arresters are used on underground systems in pad-mounted transformer and entry cabinets, vaults, switching devices and other insulations to provide shielded deadfront arrester protection and extended cable life.

TOOLS NEEDED:

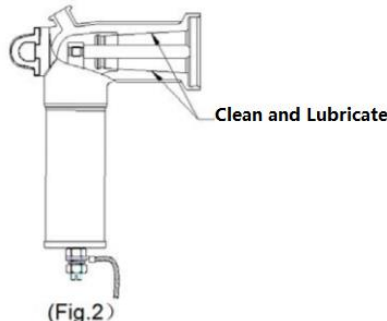
- Shotgun Hotstick
- Gloves
- Tweezers

STEP 1:

Connect the ground cable to the system earth with 10 to 15 N.m.

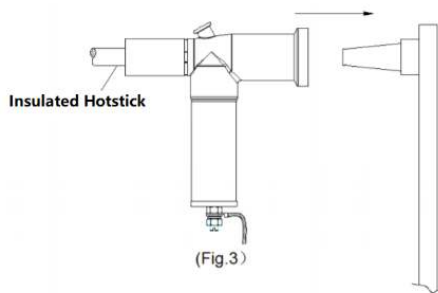
**STEP 2:**

Clean the inner interface of the elbow arrester and lubricate the inner interface evenly with silicone lubricant. Do not use excessive amounts of lubricant, as it may prevent the arrester from being properly locked in position.



STEP 3:

- Do not touch the product directly when installing.
- Remove the old elbow arrester with a hotstick following the safety instructions from the manufacturer.
- Fasten insulating bar to the operating eye of the elbow arrester until firm.
- Make sure the elbow arrester is installed with grounded end pointing down.
- Place the elbow arrester over the bushing, inserting the white arc follower of the probe into the bushing approximately 2 1/2" until a slight resistance is felt.
- Immediately thrust the elbow onto the bushing with a fast, firm, straight motion, with sufficient force to latch the elbow to the bushing. (If the bushing has an indicating ring, the ring should be covered).
- Make sure the ground wire is properly connected to the grounding system. If not connected, remove the elbow arrester with a hotstick and connect the ground cable to the system earth.



THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT SALES@LARSONELECTRONICS.COM OR BY PHONE AT 1-877-348-9680 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.