E-line Lightning Arrestor

Manual of Operation



(ALA01-A)

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System Description

The E-line Lightning Arrestor (ALA01-A) provides extra protection for the receiver from electrical surges. This lightning arrestor is designed to limit the voltages and currents that could reach the electrical inputs of the receiver to a safe level, reducing the chance of damage to the receiver.



Connectors

- 1. Four Electrode binding post connectors (North and South) and (East and West)
- 2. Four Receiver binding post connectors (North and South) and (East and West)
- **3.** Ground lug



Required Equipment

MT Receiver (x1) (to be protected) and it's accessories, including:
Electric sensor electrodes (x4),
Ground electrode (x1)
Hook-up wire (as required)

E-line lightning arrestor (x1) Hook-up wire (as required)

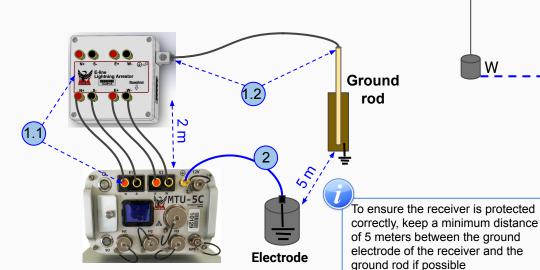
Ground Rod and hook-up wire (provided by the user)
* Use a large gauge wire to connect the ground rod
to the ground lug of the E-line lightning arrestor
(14 AWG - 1/0 wire gauges are supported)

Installation

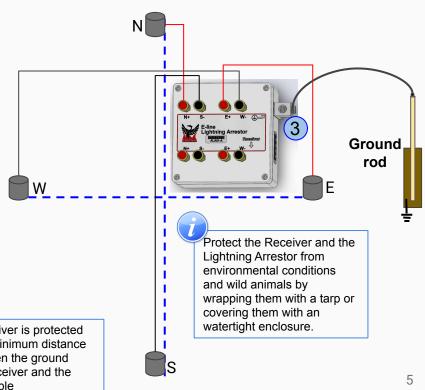
- 1. Connect the receiver to the Lightning Arrestor
 - **1.1.** Connect the lightning arrestor (ALA01-A) to the receiver, connect matching (North/South) and (East/West) binding post connectors with hook-up wire.
 - **1.2.** Connect the Ground rod to the Ground lug of the lightning arrestor (ALA01-A)

*The Lightning Arrestor must be installed at least 2 meters away from the receiver

2. Connect the ground electrode to the receiver



3. Connect the lightning arrestor (ALA01-A) to the Electric sensor electrodes.



Technical Support



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