

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)

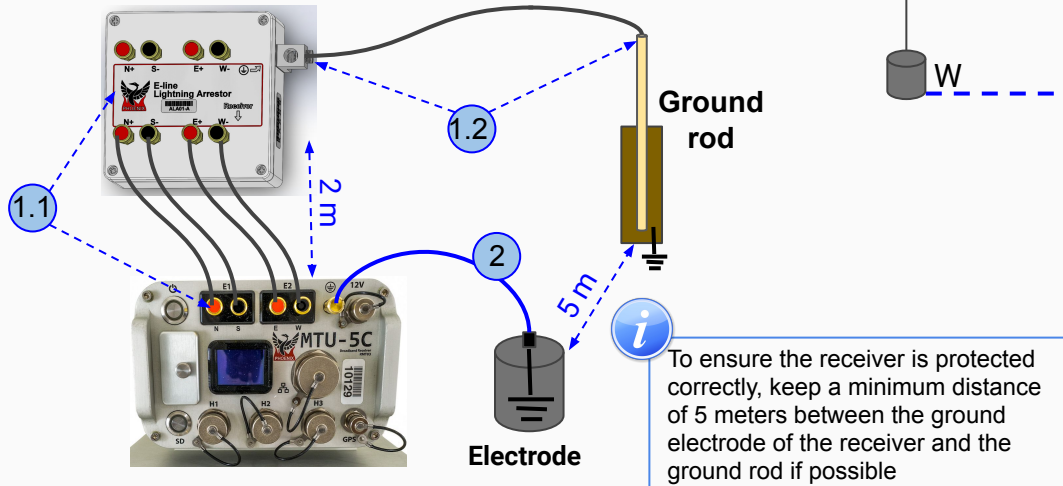
Ground Rod and hook-up wire (provided by the user)

* 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)

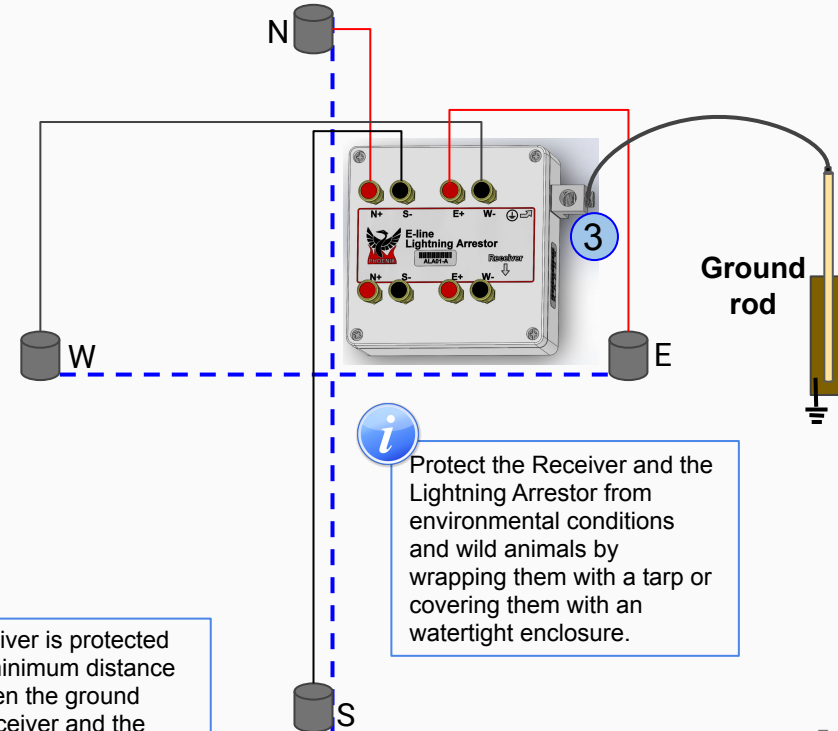
Installation

1. Connect the receiver to the Lightning Arrestor
 - 1.1. Connect the lightning arrester (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 arrester (ALA01-A)
2. Connect the ground electrode to the receiver

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



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





Email: support@phoenix-geophysics.com

Phone: + 1 416 491 7340