

# BL-LA01

## Surge Arrestor Installation Guide

### Installation Instructions

1. Power off the two-wire when installing devices. Leave 24 to 36 inches of slack on the two-wire to allow for easy installation and maintenance.
2. Locate the surge arrestor in a valve box.
3. Connect the red and black wire from the surge arrestor to the corresponding red and black wires on the two-wire. It is critical that polarity be maintained. Use 3M™ DBR/Y-6 or equivalent moisture-resistant connectors on any two-wire connection in a valve box or buried in soil.
4. Connect the green wire from the surge arrestor to the bare copper wire using a split bolt connector. Follow the manufacturer's instructions for connecting and insulating the split bolt connector.
5. Use a CADWELD® or a clamp to attach the bare copper wire to a ground rod or ground plate and follow proper grounding practices. The resistance reading on this connection should be less than 1mΩ.

**Note:** For complete details, refer to the Surge Arrestor & Grounding Specification on the Baseline web site.



Rev. 10052016

