

IMPORTANT: The protector(s) described in this Installation Instruction shall be installed in accordance to the applicable requirements described in the National Electric Code, ANSI/NFPA70, Article 800, Section C.

General

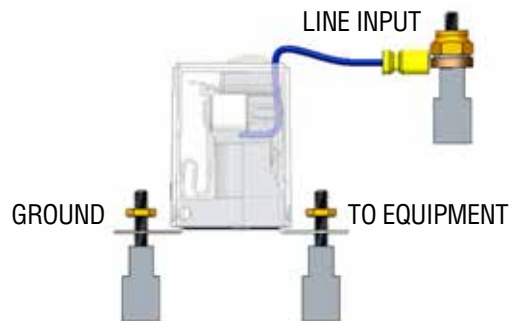
The Bourns® Model 1675-01 is intended to protect signal and track circuits and other electrical circuits housed in the wayside bungalow. The Model 1675-01 is a passive device and is compatible with electronic equipment operating at voltages up to 36 Vdc or 25 Vac.

The Model 1675-01 has been designed to prevent the shorting of signals or track circuits to earth GND in the event of a heavy-duty transient event that disables the protector.

In addition, the Model 1675-01 features a heavy-duty, multi-technology protection design that shunts surge current to ground in the event of a lightning strike. Additional features built into this product include an indicator fuse visible through a magnifying lens as well as mechanical flags that deploy in the event of an open circuit condition.

Installation Technique

1. Place the Model 1675-01 Transient Protector on binding posts according to the label: Ground Tab to Grounding Post, Equipment Tab to Equipment Post and tighten the nuts.
2. Connect the blue wire to the Line Input Post, install with washer, then tighten the isolation nut.



WARNING

The Model 1675-01 Rail Surge Protective Device should NOT be used on crossing equipment!