

# Installation Instructions

## ALPU ADVANCED LIGHTNING PROTECTION UNIT



an INFINITI<sup>®</sup> company

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### Warning

#### 1. IMPORTANT SAFETY INSTRUCTIONS

2. Read and understand all instructions before installing this product. Save these instructions for future reference.

Thank you for your recent purchase of our surge protection solution. Your satisfaction with our product and service is important to us. If you have any questions, comments or concerns, please contact us at 800.882.9110 or visit our website at [www.transtector.com](http://www.transtector.com). We look forward to continuing to serve your protection needs.

# Installation Instructions

## ALPU

1. This product is intended for use only on data circuits with operating voltages not to exceed 12VDC and DC power circuits with operating voltages not to exceed 60VDC and operating currents not to exceed 10A.

2. **Mounting the ALPU (See Diagram):** Mount the device as close to the equipment to be protected as possible using the provided hardware and the concealed mounting holes. Mount the unit in the orientation shown, with the strain reliefs facing the ground.

### 3. Wiring the ALPU

3.1 The ALPU surge suppressor is bidirectional and may be wired in either orientation.

3.2 **Removing the Cover:** Remove the 4 cover screws using a Phillips screwdriver and lift off the cover.

3.3 **Wiring:** Thread a multiconductor cable from the data source through one of the strain reliefs on the bottom of the unit. Strip back the cable jacket as needed, then strip 1/4" off of each conductor. Gently pull the terminal block off of the pcb pins, then install each conductor into the corresponding screw-down location using the callouts on the pcb as a guide. Finally, install the terminal block onto the pin strip by firmly pressing it into place and tighten the strain relief onto the cable (Do not over torque!!). Repeat this procedure for the outgoing multiconductor cable running to the equipment to be protected. Reinstall the cover.

3.4 **Grounding:** Connect the external ground lug on the enclosure to a solid Earth ground. The unit must be grounded for the suppressor to operate properly!

