Comfort Controller 1600 (Outdoor Rated)  
Installation Instructions

Panel Mounting

NOTE: At least 2.88 inches (73.0 mm) between drill holes (top and bottom) to accommodate side by side arrangement of 2 or more modules.

(REF.) FOR PLACEMENT OF SECOND DRILL HOLE #29 (≈0.125" dia) (=3.2 mm)

(REF.) FOR PLACEMENT OF FIRST DRILL HOLE #29 (≈0.125" dia) (=3.2 mm)

NOTE: Minimum distance from base of enclosure to place first drill hole.

#8-32 X 3/4" SELF TAPPING SCREW (2 PLACES)
1600 Power Connector Location

**Warning:** If using a 24 Vac power supply to power the Comfort Controller, do not use it to also power other non-Comfort Controller modules or field devices (for example, actuators).

<table>
<thead>
<tr>
<th>Pin Number</th>
<th>Power Connector</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>24 Vac or 33 Vdc (+)</td>
</tr>
<tr>
<td>2</td>
<td>24 Vac or 33 Vdc (-)</td>
</tr>
<tr>
<td>1</td>
<td>Chassis ground</td>
</tr>
</tbody>
</table>

**CAUTION:** Connect Pin 1 on each Comfort Controller module's power connector to chassis (earth) ground.

**WARNING:** Failure to correctly wire power connector can permanently damage 1600 module.

1600 Communication Connector Location

The figure below shows the location of the communication connector and a detailed view:

**Related Documentation**

For more information, see the Comfort Controller Installation & Start-up Manual (808-890); the Comfort Controller Overview and Configuration Manual (808-891); the Comfort Controller Application Guide (808-892); the Comfort Controller Flowchart Manual (808-910); and the Comfort Controller 1600 (Outdoor Rated) Product Data Sheet (808-295).