“Open to the Inside” Installation

Position of Operator and Arms

<table>
<thead>
<tr>
<th>&quot;A&quot; inches</th>
<th>&quot;B&quot; inches</th>
<th>C max. inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.50 - 4.25</td>
<td>4.25 - 5.00</td>
<td>28.75</td>
</tr>
<tr>
<td>4.25 - 6.25</td>
<td>4.25 - 5.00</td>
<td>28.25</td>
</tr>
<tr>
<td>6.25 - 8.25</td>
<td>4.25 - 5.00</td>
<td>28.00</td>
</tr>
<tr>
<td>8.25 - 10.25</td>
<td>4.25 - 5.00</td>
<td>27.25</td>
</tr>
<tr>
<td>10.25 - 12.25</td>
<td>4.25 - 5.00</td>
<td>27.00</td>
</tr>
<tr>
<td>12.25 - 14.00</td>
<td>4.25 - 5.00</td>
<td>26.25</td>
</tr>
</tbody>
</table>

Note: Linking arm must be in the center hole of the gate attachment bracket.

Wiring to Circuit Board

Wiring to Circuit Board

Limit Switch Adjustment

Circuit board power must be ON when adjusting the limit rings. LEDs will light while turning the limit rings.

The 6004 is intended for installation only on swing gates used for vehicles. Pedestrians must be supplied with a separate access opening. For safety and installation instructions, please refer to 6004 Actuator Arm and Control Box Mounting manual, 115 VAC or Solar Control Box Wiring/Owner’s manuals.

Do NOT cycle operator before limit switches and DIP-switches have been adjusted, damage could occur to gate and operator.

Manually move the gate to the desired open or closed position. Loosen the limit screws and slowly rotate the limit rings until the LIMIT LEDs on the circuit board light up.

Opening Direction DIP-Switch 1 (SW 1)

The operator MUST OPEN gate upon initial power up and OPEN command. If the operator closes gate after giving open command, shut off power and reverse this switch setting otherwise operator will NOT function correctly.

Refer to YOUR chosen 115 VAC OR Solar powered control box manuals for complete DIP-switch settings.

Installing Mounting Bracket and Gate Attachment Bracket

Attach mounting bracket to pilaster or wall with four (4) #10 screws and suitable expansion hardware (Not supplied).

Attach gate attachment bracket to gate or use two (2) suitable screws (Not supplied).

Support Bar must be used if the operator is mounted in the middle of the gate and span the entire length of the gate to support the gate pickets. The pickets will bend if not supported.

MOUNTS MUST be securely attached. Extreme force will be exerted on brackets during normal gate cycling.

Limit Switches have been adjusted, damage could occur to gate and operator.

DO NOT cycle operator before limit switches and DIP-switches have been adjusted, damage could occur to gate and operator.

Limit Switch Adjustment

Circuit board power must be ON when adjusting the limit rings. LEDs will light while turning the limit rings.

Note: Only 1 monitored Device can be connected for each cycling direction. An OPTIONAL Expansion Kit (sold separately) will allow connection for additional devices. Refer to YOUR chosen 115 VAC OR Solar powered control box manuals to wire entrapment protection devices.

If the operator closes gate after giving open command, shut off power and reverse this switch setting otherwise operator will NOT function correctly.

Wiring to Circuit Board

Factory wired jumpers MUST be removed.

External Entrapment Protection Devices

Entrapment Protection must be provided for the gate system where the risk of entrapment or obstruction exists. The operator will not run without one or more monitored type B1 or B2 entrapment protection devices in each entrapment area.