Signature Module Installation Instructions

Parts List:
- Signature Module (SM)
- Wire Nuts (4)
- Instruction Manual (1)
- Junction Box (1)

WARNING – To reduce the risk of severe injury or death:
1. READ AND FOLLOW ALL INSTALLATION INSTRUCTIONS
2. Disconnect all power before beginning any work.
3. Do not reconnect the opener to source of power until instructed to do so.
4. Test the system when installation is completed.
5. Follow all local and national electrical codes.

See Step - By - Step Installation Guide on Reverse Side

LED INDICATORS
Green LED ON: Power
Green LED OFF: No Power
Red LED OFF: Edge is NOT Active
Red LED ON: Edge is Active, Fault
Red LED Blinking: Edge is Open

*Termination may be made by Resistor, Diode, Capacitor or any combination.
**STEP-BY-STEP INSTALLATION GUIDE**

1. Mount the Sensing Edge as per the edge installation instructions.
2. Place the Signature Module inside the UL Listed operator.
3. Connect the Black & White wires from the Sensing Edge to the Black & White wires of the Signature Module.
4. Connect the RED wires from the Signature Module to the Operator.

**TEST SYSTEM**

1. Reapply power to the operator.
2. The RED LED on the Signature Module should be OFF if the safety edge is not active.
3. Open the door slightly.
4. Apply pressure to the Safety Edge, the RED LED on the Signature Module should go ON.
5. Door should open.

*If any steps fail, check all connections.*

**TROUBLE SHOOTING TIPS**

<table>
<thead>
<tr>
<th>LED Color</th>
<th>STATUS</th>
<th>DIAGNOSIS</th>
<th>CAUSE / SOLUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>GREEN</td>
<td>ON</td>
<td>Power</td>
<td>Normal Operation</td>
</tr>
<tr>
<td></td>
<td>OFF</td>
<td>No Power</td>
<td>Check the wire connection between the Operator and the Signature Module.</td>
</tr>
<tr>
<td>RED</td>
<td>OFF</td>
<td>Edge is Not Active</td>
<td>Normal Operation</td>
</tr>
<tr>
<td></td>
<td>ON</td>
<td>Edge is Active, Fault</td>
<td>Edge is hit</td>
</tr>
<tr>
<td></td>
<td>BLINKING</td>
<td>Edge is Open, Fault</td>
<td>Check the wire connection between the Edge and the Signature Module. Edge is faulty or not proper for this application</td>
</tr>
</tbody>
</table>

*Note 1:* All interconnecting wiring between the Signature Module and the operator is required to be Listed Power-Limited Circuit Cable Type CL2, CL2P, CL2R, or CL2X depending on the application as described in article 725 of ANSI/NFPA 70, “National Electric Code” (NEC) in accordance with UL325.