INSTRUCTIONS FOR LX & LXV SWITCH WIRING

Dwg #:  
101379 RIM (SS)  
104600 RIM (AL)  
104690 SVR (AL)  
105260 CVR (60)  
105280 CVR (70/80)

LX option (Latch bolt monitoring)  
(maximum 50mA signal)  
(weatherized not available)

<table>
<thead>
<tr>
<th>Maximum DC Voltage</th>
<th>Maximum Amperage</th>
<th>Wire Color</th>
<th>Switch Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>30V</td>
<td>50mA</td>
<td>Grey</td>
<td>Closed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Brown</td>
<td>Common</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Yellow</td>
<td>Open</td>
</tr>
</tbody>
</table>

LXV option (Latch bolt monitoring voltage)  
(maximum 3A power)  
(weatherized not available)

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<tbody>
<tr>
<td>30V</td>
<td>3A</td>
<td>Grey/Red</td>
<td>Closed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Brown/Red</td>
<td>Common</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Yellow/Red</td>
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</tr>
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</table>

The latchbolt monitor switch is activated whenever the latchbolt is retracted.  
The switch details are shown with the latchbolt extended and the touchbar not depressed.  
Consult the factory for assistance at 800-729-3839

**RIM DEVICE**  
**Switch (adjustable)**

**SURFACE VERTICAL ROD (SVR) shown below**  
**CONCEALED VERTICAL ROD (CVR) similar**  
**Switch (Non-adjustable)**

**Switch Adjustment Procedure - RIM DEVICE ONLY**

1. Loosen adjustment-plate screw.
2. Slide adjustment-plate left to right depending on sensitivity setting required.
   a.) Factory Set to most sensitive: Switch will be most sensitive with alignment mark as shown (least amount of latchbolt travel required to activate switch).
   b.) For less sensitivity, slide adjustment-plate in the direction of the travel arrow (more latchbolt travel will be required to activate switch).

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**Note:** For high traffic areas an electric through-wire hinge or power transfer is recommended.  
(Requirements: Minimum 6 Conductor Wires, Maximum 12 Conductor Wires)

**Electric Hinge p/n:** EWH8-626

**Flex Conduit/End Cap Kit p/n:** FC3EC1 (EC1 shown)  
(specific finish when ordering)

**Flex Conduit Endcap Prep (EC1 shown)**

**Power Transfer p/n:**  
PT-5 or PT-56C

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