**Electric Strike, Single Door Rim Application**

**6112/6112DS**

**Installation Instructions**

**NOTE:** Check with factory for retrofit applications.

1. For lock or device preparation, see their directions. Also see application schedule on other side.

2. Prepare frame for strike (see other side).

3. Wire strike (Figure 1). (Switches on 6112DS only.)

4. Test strike: Apply solenoid power. Fail secure (FSE) lip unlocks. Fail safe (FS) lip locks. Figure 1 shows status of switches.

5. Install strike with two 1/4-20 screws. Make sure clearance between latch bolt and strike lip is 1/32” (Figure 2).

6. If latch bolt does not extend far enough to actuate tripper, install extension (Figure 3). (Tripper on 6112DS only.)

7. Test door: With strike unlocked, door opens with latch bolt extended. When door closes, latch bolt rides over strike lip.

**Solenoid Power Requirements**

Yellow solenoid wires = 12 VDC, 0.57 A  
Black solenoid wires = 24 VDC, 0.29 A  
(also shown on strike label)

**Wiring for DC supply**

- 12 VDC or 24 VDC

**Wiring for AC supply**

- 12 VAC SO-12 ➔ 12 VDC
- 24 VAC SO-24 ➔ 24 VDC

**NOTE: DC input is nonpolarized.**

Use crimp connectors to splice field wiring to P1 leads

**Figure 1**

**Switch Ratings**

<table>
<thead>
<tr>
<th>Standard</th>
<th>5 A, 30 VDC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gold</td>
<td>0.25 A, 30 VDC</td>
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**NOTE:**  
Static Strength Rating 1500 lb.  
Dynamic Strength Rating 70 ft.-lb.  
Endurance Rating 250,000 c.

**Figure 2**

Top view; faceplate not shown for clarity

- Strike lip
- Latch bolt

**Figure 3**

Extension

**Customer Service**  
1-877-671-7011  
www.allegion.com/us

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Frame Preparation for Strike

Suggested cutout
LHR shown
RHR opposite

#7 (0.201" dia.) drill
and 1/4-20 tap
2 places

1-7/16" minimum clearance

Strike backbox assembly

Application Schedule

<table>
<thead>
<tr>
<th>Device</th>
<th>&quot;B&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>22 Rim and 98/99 Rim</td>
<td>2-7/16&quot;</td>
</tr>
<tr>
<td>33/35 Rim EO/DT/NL/TP</td>
<td>1-13/32&quot;</td>
</tr>
<tr>
<td>33A/35A Series Rim</td>
<td>1-15/32&quot;</td>
</tr>
<tr>
<td>88 Rim EO/DT/NL/TP</td>
<td>2-1/2&quot;</td>
</tr>
<tr>
<td>88 Rim K</td>
<td>2-3/8&quot;</td>
</tr>
</tbody>
</table>

For other devices, consult factory.

Strike Dimensions and Required Clearances

6" long lead wires
1/2" dia. minimum wiring access

Minimum clearance

C罢 strike and latch bolt