### Electrical Specifications

#### Electrical Ratings for Solenoid

<table>
<thead>
<tr>
<th>Solenoid Voltage</th>
<th>Continuous Duty</th>
<th>Intermittent Duty*</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 VDC</td>
<td>24 VDC</td>
<td>12-24 VAC</td>
</tr>
<tr>
<td>200 feet or less</td>
<td>50</td>
<td>200</td>
</tr>
<tr>
<td>200 - 300 feet</td>
<td>24</td>
<td>12</td>
</tr>
<tr>
<td>&gt; 300 feet</td>
<td>14</td>
<td>16</td>
</tr>
</tbody>
</table>

*Resistance in Ohms: 50, 200, 50, 200, 24, 12, 24-32, 12

*Amps: 24, 12, 24-32, 12

Solenoids are rated at 5% 10% indicated value.

© 2015, Hanchett Entry Systems, Inc., an ASSA ABLOY Group company.
Installation Directions

Preparing the Strike

NOTE 1: For 12 VAC, 12 VDC, or 16 VAC, the pigtail marked “12 VDC” is used.

NOTE 2: For 24VAC or 24 VDC, the pigtail marked “24 VDC” is used.

1. SELECT the appropriate plug in connector that matches system power and electrically CONNECT as shown in Figure 1, “12 VDC to 24 VDC Conversion.”

NOTE: The state of switch is listed for an unpowered strike and LBM in unactuated (door open) position.

2. IF using a Latchbolt Monitor (LBM) or Latchbolt Strike Monitor (LBSM), THEN COMPLETE wiring in accordance with Figures 2, “Latchbolt Monitor,” and Figure 3, “Strike Monitor,” on Page 3.

NOTE: This unit ships in Fail Secure mode.

3. PREPARE the frame for lockset using appropriate cutout template, as shown on Page 4.

4. IF the 4500 Series Electric Strike must be converted to Fail Safe mode, THEN CONVERT in accordance with Figure 4, “Fail Safe Conversion,” on Page 3.

CAUTION Converting the 4500 Series Strike to Fail Safe Mode negates the unit’s fire rating.

5. CHOOSE the appropriate faceplate for the strike as shown in Figure 5, “Faceplate Options,” on Page 3.

6. IF horizontal adjustment is needed, THEN GO TO “Adjusting the Horizontal” section on Page 3.

7. INSTALL the electric strike unit in jamb cutout, using #12-24 x 1/2” Mounting Screws provided.

8. IF the 4500 Series Electric Strike must be converted to Fail Safe mode, THEN ADD 1 or 2 keeper shims as shown in Figure 6, “Horizontal Adjustment.”

NOTE 1: A Non-handed offset faceplate is provided for use with mortise locksets. The mortise lock deadlatch should be depressed by the faceplate when the door is closed.

NOTE 2: A Non-handed center-lined faceplate is provided for use with cylindrical locksets.

NOTE: Schlage L9000 and Yale 8700 locksets must use the template labeled “Schlage L9000 & Yale 8700 Locks Only.” All other locksets should use the template labeled “Cylindrical Lockset” or Mortise Lockset.

CAUTION Before connecting any device at the installation site, verify input voltage using a multimeter.

Many power supplies and low voltage transformers operate at higher levels than listed. Any input voltage exceeding 10% of the solenoid rating may cause severe damage to the unit and will void the warranty.

Preparing the Frame

NOTE: Schlage L9000 and Yale 8700 locksets must use the template labeled “Schlage L9000 & Yale 8700 Locks Only.” All other locksets should use the template labeled “Cylindrical Lockset” or Mortise Lockset.

CAUTION Converting the 4500 Series Strike to Fail Safe Mode negates the unit’s fire rating.

1. SELECT the appropriate plug in connector that matches system power and electrically CONNECT as shown in Figure 1, “12 VDC to 24 VDC Conversion.”

2. PREPARE the frame for lockset using appropriate cutout template, as shown on Page 4.

3. VERIFY that the strike is in the correct mode of operation.

4. IF the 4500 Series Electric Strike must be converted to Fail Safe mode, THEN CONVERT in accordance with Figure 4, “Fail Safe Conversion,” on Page 3.

Finishing the Installation

5. CHOOSE the appropriate faceplate for the strike as shown in Figure 5, “Faceplate Options,” on Page 3.

6. IF horizontal adjustment is needed, THEN GO TO “Adjusting the Horizontal” section on Page 3.

7. INSTALL the electric strike unit in jamb cutout, using #12-24 x 1/2” Mounting Screws provided.

8. IF horizontal adjustment is needed, THEN ADD 1 or 2 keeper shims as shown in Figure 6, “Horizontal Adjustment.”

NOTE 1: A Non-handed offset faceplate is provided for use with mortise locksets. The mortise lock deadlatch should be depressed by the faceplate when the door is closed.

NOTE 2: A Non-handed center-lined faceplate is provided for use with cylindrical locksets.

Converting the Operation Mode

10. REMOVE the Fire Door Safety Screw as shown in Figure 4.

11. LOOSEN the two #2-56 screws located on the back of the strike, but DO NOT REMOVE them.

12. MOVE screws from the bottom of the hole (Fail Secure mode position) to the top hole (Fail Safe mode position).

13. TIGHTEN the bottom screw first (wire side), and THEN TIGHTEN the top screw.

14. VERIFY the strike is now in the Fail Safe operation mode.

15. IF the strike still operates as Fail Secure, THEN ENSURE the screws are fully seated in the top position.

Adjusting the Horizontal

16. IF horizontal adjustment is needed, THEN ADD 1 or 2 keeper shims as shown in Figure 6, “Horizontal Adjustment.”

a. USE the #4-40 x 1/8” keeper shim screws if adding one shim.

b. USE the #4-40 x 3/16” keeper shim screws if adding two shims.