Installation Instructions

5200 Series Electric Strike

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Electrical Specifications

Minimum Wire Gauge Requirements (Based on Round Trip)

<table>
<thead>
<tr>
<th>Solenoid Voltage</th>
<th>12 VDC</th>
<th>24 VDC</th>
<th>12–16 VAC</th>
<th>24 VAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resistance in Ohms</td>
<td>50</td>
<td>200</td>
<td>50</td>
<td>200</td>
</tr>
<tr>
<td>Amps</td>
<td>24</td>
<td>.12</td>
<td>24 – .32</td>
<td>.12</td>
</tr>
</tbody>
</table>

Solenoids are rated at +/- 10% indicated value.
*10% maximum duty cycle (2 minutes maximum on time)
Indoor use only

Cutout Templates for Frame Preparation

NOTE: The 5200 has an in-frame horizontal adjustment range of about 1/4" (6.4 mm) to allow adjustment of the electric strike in the frame opening to accommodate for the horizontal position of the latchbolt after the strike has been installed. The “Adjusting the Horizontal” section provides steps for this adjustment.

Diagram 1: Product Components

Product Components

- 5200 Electric Strike Body
- Trim Enhancer
- 12-Volt and 24-Volt Pigtails

Width of Pocket Opening

CAUTION: Do not exceed maximum width of 3-3/8" (85.7 mm). Failure to comply may result in damage to the electric strike and the strike body or jambs that it is mounted to.

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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 Strike
Note: For 12 VDC, the Plug In Connector (pigtail) marked “12 VDC” should be used; for 24 VDC, the pigtail marked “24 VDC” should be used.

1. SELECT the appropriate pigtail that matches system power and electrically CONNECT as illustrated in Diagram 2.
2. If no connector is present, CONFIGURE the wires as illustrated in Diagram 2.
3. If using the Latchbolt Monitor (LBM) or Latchbolt Strike Monitor (LBSM), REFER to Diagrams 3 and 4 on Page 3 to complete wiring.

Note: The S200 ships in FAIL SECURE OPERATION mode.

4. USE Diagrams 5 and 6 on Page 3 as a guide to convert S200 to FAIL SAFE OPERATION, if needed.
5. ATTACH the appropriate faceplate.

Preparing the Frame
6. PREPARE the frame using the appropriate template for the faceplate (see Page 4).

Finishing the Installation
7. Electrically CONNECT the wires from the power source to the S200.
8. INSTALL the S200 in the jamb cutout.
9. IF horizontal adjustment is needed, THEN GO TO the “Adjusting the Horizontal” section (see Page 3).

10. To convert from FAIL SECURE OPERATION to FAIL SAFE OPERATION, LOOSEN the two #2-56 screws located on the back of the strike, but DO NOT REMOVE them.

11. MOVE the Selector Stop Pins to the FAIL SAFE OPERATION position as pictured in Diagram 5.

12. TIGHTEN the two #2-56 screws to secure the strike in FAIL SAFE OPERATION.

13. VERIFY the S200 is now in FAIL SAFE OPERATION.

14. IF the S200 still operates as FAIL SECURE, THEN ENSURE the #2-56 screws are fully seated and tightened.

Adjusting the Horizontal
15. TURN the horizontal adjustment screws slowly to adjust the strike in-frame, as shown in Diagram 6.
16. DO NOT REMOVE the screws or ROTATE them more than 3 full turns.
17. TIGHTEN the screws securely once the strike has been adjusted to allow the K-Nut teeth to dig into the strike housing and prevent slippage during use.