### 2977 Request-To-Exit Switch

#### Installation Instructions

**Rev 1, Rev Date: 1/27/14**

**Always visit www.hagerco.com for the latest Installation Instructions**

**HAGER COMPANIES 139 Victor Street, St. Louis, MO 63104 • (800) 325-9995**

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**Specifications**

**Input Voltage Requirements:** 12-24V AC/DC  
**Current Draw:** Idle-30mA, Active-150mA  
**Output:** Dry SDPT 3 Amp @ 30VDC  
**Relay Time:** Adjustable 1 to 35 seconds  
**Dimensions:** 4.75” H x 3” W x 1.125” D

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**Wiring**

Connecting To A Keypad Controlled Fail-Safe or Fail-Secure Locking Device:

Connecting To An Access Control Panel or Door Operator:

**Programming**

Use the DIP switches on the lower right to adjust the Relay Activation Time or to reverse the Standby Illumination setting.

<table>
<thead>
<tr>
<th>Programming Feature</th>
<th>Dip Switch # 1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 second unlock delay</td>
<td>ON</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 second unlock delay</td>
<td></td>
<td>ON</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20 second unlock delay</td>
<td></td>
<td></td>
<td>ON</td>
<td></td>
</tr>
<tr>
<td>Toggle ON/OFF</td>
<td></td>
<td></td>
<td>ON</td>
<td>ON</td>
</tr>
<tr>
<td>Standby Illumination</td>
<td></td>
<td></td>
<td>ON</td>
<td>ON</td>
</tr>
</tbody>
</table>

**Relay Activation Time** – Controlled by DIP switches #1, 2 & 3. DIP switches are additive. For example, DIP switches #1 & 2 in the ON position equals 15 seconds. Minimum Time (DIP switches 1, 2 & 3 are OFF) = 1 second Maximum Time (DIP switches 2 & 3 are ON) = 30 seconds

**Standby Illumination Status** – controlled by DIP switch #4. SW #4 OFF = Red (Idle); Flashing Green (Relay Active) SW #4 ON = Green (Idle); Flashing Red (Relay Active)

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*NOTE: Button, Keypad & Lock power are the same voltage. Refer to manufacturer’s installation instructions for Power Supply, Keypad, & Lock wiring.*