1. Prepare frame for switch.
   1a. Prepare frame for surface installation of 7766 Switch.
   ① Note: For maximum security, it is recommended that the switch be installed in the header, 2" from the lock stile edge.
   1b. Wire & install switch.

2. Prepare door for magnet.
   2a. Install magnet.

---

**Check List**

If switch does not work:
check recommended gap and decrease if necessary.

**Wiring Diagram**

<table>
<thead>
<tr>
<th>Type</th>
<th>Current Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>7766</td>
<td>.25 AMP</td>
</tr>
</tbody>
</table>

---

**WARNING:**

THESE ARE SIGNAL SWITCHES. NOT INTENDED FOR DIRECT SWITCHING.
**Typical Signalling Application**

**LED Panel Notes:**
LED will light when door is open. If a lamp is used instead of an LED, limit current to .04 AMP.

**Typical Load Switching Application**

**Relay Notes:**
Select a relay with a coil voltage rating of 24VDC. Coil current is not to exceed .2 AMP. The contact rating is dependent on the load current requirements. An IN4004 or equivalent diode is used to prevent inductive EMF from damaging the magnetic switch contacts.

Select a relay with a voltage rating of 24VAC. Coil current is not to exceed .2 AMP. The contact rating is dependent on the load current requirements. Voltage suppressor can be a P6KE36C Transzorb (general semiconductor) or a V39ZA1 MOV (general electric), which is used to prevent inductive EMF from damaging the magnetic switch contacts.