Notes:
Fail-Secure Operation - Unlocks when energized. If power fails the strike remains in a locked condition.

Fail-Safe Operation - Locks when energized. Used in applications requiring automatic unlocking in case of power failure.

Available Voltages: 12V AC Intermittent duty, 12V AC/DC Continuous duty, 16V AC Intermittent duty, 16V AC/DC Continuous duty, 24V AC Intermittent duty, 24V AC/DC Continuous duty.

Warning!
AC Intermittent duty solenoids are designed to be energized 30 seconds at a time. Energizing for longer periods will damage the solenoid.

AC Continuous duty strikes are supplied with an A/R # 4603 rectifier attached to the solenoid leads. These are silent operation strikes - without the "buzzing" sound. They use a DC solenoid with an externally attached, full-wave bridge rectifier.

Wiring
The number of wires will vary depending on features of the strike.
The voltage and amperage ratings are marked on all strike labels. The solenoid wires are not polarized.

Monitoring (Optional)
Monitored strikes contain two, internally mounted, switches: one is activated by the latch bolt's penetration of the strike and the other indicates that the strike jaw is either locked or unlocked by the solenoid.

All unused leads from monitor switches should be insulated.

Common contact - Black
Normally open contact (NO) - White
Normally closed contact (NC) - Red
Maximum switching current - 7 Amps @ 250 VAC

Warning!
Intermittent duty solenoids should not be converted to fail-safe configuration. Fail-safe units use only continuous duty solenoids.

Solenoide Data

<table>
<thead>
<tr>
<th>24 VAC CONT.</th>
<th>16 VAC CONT.</th>
<th>12 VAC CONT.</th>
<th>24 VAC INT.</th>
<th>16 VAC INT.</th>
<th>12 VAC INT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHITE STRIPE ON BLACK</td>
<td>GREEN STRIPE ON BLACK</td>
<td>RED STRIPE ON BLACK</td>
<td>BLUE STRIPE ON BLACK</td>
<td>YELLOW STRIPE ON BLACK</td>
<td></td>
</tr>
<tr>
<td>141.6</td>
<td>31.8</td>
<td>34.6</td>
<td>16.3</td>
<td>8.8</td>
<td></td>
</tr>
<tr>
<td>.176</td>
<td>.222</td>
<td>.332</td>
<td>1.030</td>
<td>1.420</td>
<td></td>
</tr>
<tr>
<td>.170</td>
<td>.222</td>
<td>.332</td>
<td>.636</td>
<td>.813</td>
<td></td>
</tr>
<tr>
<td>4.06</td>
<td>3.06</td>
<td>3.81</td>
<td>17.30</td>
<td>17.74</td>
<td></td>
</tr>
<tr>
<td>4.06</td>
<td>3.06</td>
<td>3.81</td>
<td>6.60</td>
<td>5.82</td>
<td></td>
</tr>
</tbody>
</table>

Description:

- **Wire Color:**
  - BLACK: Common
  - WHITE: NO
  - RED: NC

- **Coil Resistance (Oms ±5%):**
  - 7100 Series: (DATA SHEET WIRE CODING FIELD REVERSIBLE)

- **Peak Instantaneous Current (mps):**
  - CONTINUOUS OR POWER (WATTS):

- **Peak Instantaneous Power (WATTS):**
  - CONTINUOUS OR POWER (WATTS):

**7100 SERIES**

**Voltage and Amperage Ratings:**

- **120 VAC LINE VOLTAGE**
  - 120V AC Intermittent duty: 12V AC Intermittent duty, 12V AC/DC Continuous duty
  - 240V AC Intermittent duty: 16V AC Intermittent duty, 16V AC/DC Continuous duty

**Solenoid Data:**

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 VAC</td>
<td>Intermittent duty</td>
</tr>
<tr>
<td>16 VAC</td>
<td>Continuous duty</td>
</tr>
<tr>
<td>24 VAC</td>
<td>Continuous duty</td>
</tr>
</tbody>
</table>

**Control Switch (N.O.)**
(ex. Pushbutton, keypad, Card Reader)

**TYPICAL ELECTRIC STRIKE WIRING DIAGRAM**

**Intermittent Duty Fail-Secure 24 VAC**

<table>
<thead>
<tr>
<th>Power Leads</th>
<th>Solenoid Leads</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 VAC</td>
<td>24 VAC</td>
</tr>
<tr>
<td>Line Voltage</td>
<td>Transformer</td>
</tr>
</tbody>
</table>

**FIELD REVERSIBLE (FAIL-SECURE)**

- **Solenoid Retaining Plate:**
  - Fail-Secure configuration
  - Field reversible (arms & springs removed)

**FIELD REVERSIBLE (FAIL-SAFE)**

- **Solenoid Retaining Plate:**
  - Fail-Safe configuration
  - Field reversible (arms & springs removed)

**Notes:**

- **Intermittent/Continuous Duty 24 VDC**
  - Monitoring (Optional)
  - Monitoring (Optional)

**FIELD REVERSIBLE (FAIL-SECURE)**

- **Solenoid Retaining Plate:**
  - Fail-Secure configuration
  - Field reversible (arms & springs removed)

**FIELD REVERSIBLE (FAIL-SAFE)**

- **Solenoid Retaining Plate:**
  - Fail-Safe configuration
  - Field reversible (arms & springs removed)

**TYPICAL ELECTRIC STRIKE WIRING DIAGRAM**

**Intermittent Duty Fail-Secure 24 VAC**

- **Control Switch (N.O.)**
  - (ex. Pushbutton, keypad, Card Reader)

**DRY CONTACTS!**

- **24 VAC:**
  - 120V AC Intermittent duty, 120V AC/DC Continuous duty

**TYPICAL ELECTRIC STRIKE WIRING DIAGRAM**

**INTERRMITTENT DUTY FAIL-SECURE 24 VAC**

- **Control Switch (N.O.)**
  - (ex. Pushbutton, keypad, Card Reader)

**DRY CONTACTS!**

- **24 VAC:**
  - 120V AC Intermittent duty, 120V AC/DC Continuous duty

**FIELD REVERSIBLE (FAIL-SECURE)**

- **Solenoid Retaining Plate:**
  - Fail-Secure configuration
  - Field reversible (arms & springs removed)

**FIELD REVERSIBLE (FAIL-SAFE)**

- **Solenoid Retaining Plate:**
  - Fail-Safe configuration
  - Field reversible (arms & springs removed)

**TYPICAL ELECTRIC STRIKE WIRING DIAGRAM**

**Intermittent Duty Fail-Secure 24 VAC**

- **Control Switch (N.O.)**
  - (ex. Pushbutton, keypad, Card Reader)

**DRY CONTACTS!**

- **24 VAC:**
  - 120V AC Intermittent duty, 120V AC/DC Continuous duty