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

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

**Warning !**

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

### 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.

### 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.

### Solenoid Data

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Wire Color</th>
<th>Coil Resistance (Ohms ±5%)</th>
<th>Peak Instantaneous Current (Amps)</th>
<th>Continuous On Load Current (Amps)</th>
<th>Peak Instantaneous Power (Watts)</th>
<th>Continuous On Load Power (Watts)</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 VAC</td>
<td>WHITE STRIPE ON BLACK</td>
<td>141.5</td>
<td>.176</td>
<td>.176</td>
<td>4.06</td>
<td>4.06</td>
</tr>
<tr>
<td>16 VAC</td>
<td>GREEN STRIPE ON BLACK</td>
<td>61.8</td>
<td>.222</td>
<td>.222</td>
<td>3.05</td>
<td>3.05</td>
</tr>
<tr>
<td>12 VAC</td>
<td>RED STRIPE ON BLACK</td>
<td>34.6</td>
<td>.332</td>
<td>.332</td>
<td>3.81</td>
<td>3.81</td>
</tr>
<tr>
<td>24 VAC</td>
<td>BLUE STRIPE ON BLACK</td>
<td>76.3</td>
<td>1.030</td>
<td>.636</td>
<td>17.30</td>
<td>6.60</td>
</tr>
<tr>
<td>12 VAC</td>
<td>YELLOW STRIPE ON BLACK</td>
<td>8.8</td>
<td>1.420</td>
<td>.813</td>
<td>17.74</td>
<td>5.82</td>
</tr>
</tbody>
</table>

- **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.*

### Monitoring (Optional)

- **Common contact**  - Black
- **Normally open contact (NO)**  - White
- **Normally closed contact (NC)**  - Red

- **Maximum switching current**  - 7 Amps @ 250 VAC

### Solenoid Data

**24 VAC CONT.**

- **Wire Color**
  - WHITE STRIPE ON BLACK
  - GREEN STRIPE ON BLACK
  - RED STRIPE ON BLACK
  - BLUE STRIPE ON BLACK
  - YELLOW STRIPE ON BLACK

- **Coil Resistance (Ohms ±5%)**
  - 141.5
  - 61.8
  - 34.6
  - 76.3
  - 8.8

- **Peak Instantaneous Current (Amps)**
  - .176
  - .222
  - .332
  - 1.030
  - 1.420

- **Continuous On Load Current (Amps)**
  - .176
  - .222
  - .332
  - .636
  - .813

- **Peak Instantaneous Power (Watts)**
  - 4.06
  - 3.05
  - 3.81
  - 17.30
  - 17.74

- **Continuous On Load Power (Watts)**
  - 4.06
  - 3.05
  - 3.81
  - 6.60
  - 5.82

### Field Reversible (Fail-Secure)

- **Solenoid retaining plate not shown**
- **Blocking arm return spring not shown**

### Field Reversible (Fail-Safe)

- **Solenoid retaining plate not shown**
- **Blocking arm return spring not shown**

### Typical Electric Strike Wiring Diagram

**Intermittent Duty Fail-Secure 24 VAC**

**Intermittent/Continuous Duty 24 VDC**

**Color Code:**
- Red: NC
- White: NO
- Black: Common

### Notes:

- **TYPICAL ELECTRIC STRIKE WIRING DIAGRAM**
- **CONTROL SWITCH (N.O.)**
- **DRY CONTACTS!**

### Field Reversible (Fail-Safe)

- **Solenoid retaining plate not shown**
- **Blocking arm return spring not shown**

### Field Reversible (Fail-Secure)

- **Solenoid retaining plate not shown**
- **Blocking arm return spring not shown**

### Warning!

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