**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.

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**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 a 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

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**Solenoid Data**

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Wire Color</th>
<th>Description</th>
<th>Coil Resistance (Ohms ±5%)</th>
<th>Peak Instantaneous Current (Amps)</th>
<th>Continuous Current (Amps)</th>
<th>Peak Instantaneous Power (Watts)</th>
<th>Continuous Power (Watts)</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 VDC CONT</td>
<td>WHITE STRIPE ON BLACK</td>
<td>141.6</td>
<td>0.75</td>
<td>4.06</td>
<td>4.06</td>
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<td></td>
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<tr>
<td>16 VDC CONT</td>
<td>GREEN STRIPE ON BLACK</td>
<td>81.8</td>
<td>0.22</td>
<td>3.06</td>
<td>3.06</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 VDC CONT</td>
<td>RED STRIPE ON BLACK</td>
<td>34.6</td>
<td>0.32</td>
<td>3.81</td>
<td>3.81</td>
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<tr>
<td>24 VAC INT</td>
<td>BLUE STRIPE ON BLACK</td>
<td>16.3</td>
<td>1.03</td>
<td>6.60</td>
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<tr>
<td>12 VAC INT</td>
<td>YELLOW STRIPE ON BLACK</td>
<td>8.8</td>
<td>1.42</td>
<td>17.4</td>
<td>17.4</td>
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</tbody>
</table>

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

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**Solenoide Data**

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**CONTROL SWITCH (N.O.) (ex. Pushbutton, keypad, Card Reader)**

**DRIY CONTACTS!**

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**FIELD REVERSIBLE (FAIL-SECURE)**

![Field Reversible Diagram]

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**FIELD REVERSIBLE (FAIL-SAFE)**

![Field Reversible Diagram]

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**7100 SERIES (DATA SHEET WIRE CODING FIELD REVERSIBLE)**

80-0180-381

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