WIRING INSTRUCTIONS FOR CYLINDER SWITCH MOMENTARY MODELS

Unit fits a surface/flush mount single gang electrical box with a minimum depth of 2-1/2 inches. **Box NOT included.**

**Model: CS452**

- Mortise cylinder, standard Yale cam
  - **(Cylinder required)**
  - Cylinder can be ordered from Detex
    - p/n: 102281-7 (MC65)
    - p/n: 103800-X (IC7)

- **IMPORTANT!**
  - Collar required with 7-pin cylinders
    - **(Collar NOT included)**
  - Optional collar can be ordered from Detex (p/n: 103303)

**Model: CS432**

- Single switch, No LEDs

**Model: CS430**

- Dual switches, 2 LEDs

**Model: CS450**

- Single switch, No LEDs

**Part No** | **Description**
---|---
103446-1 | LED assembly, Red
103446-2 | LED assembly, Green
103447-2 | Push Button Switch Asy, Momentary
**Current Limit Resistor**

(See LED Table for value)

**NOTE:** Use heat shrink to protect resistor connections from shorting

**Red or WHITE wire**

**Black wire**

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**Function Table**

<table>
<thead>
<tr>
<th>Model</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS450</td>
<td>Turn key CCW to activate switch. Switch releases when key is turned CW.</td>
</tr>
<tr>
<td>CS452</td>
<td></td>
</tr>
<tr>
<td>CS430</td>
<td>To activate switch one, turn key CCW. Switch two is activated by</td>
</tr>
<tr>
<td>CS432</td>
<td>turning key CW. Switches return to normal state when key is released.</td>
</tr>
</tbody>
</table>

**LED Information Table**

**IMPORTANT!**
LED(s) should be powered by DC voltage. Use of AC power may damage the LED(s).

<table>
<thead>
<tr>
<th>LED Supply Voltage</th>
<th>Resistor Type</th>
<th>Color Band</th>
</tr>
</thead>
<tbody>
<tr>
<td>5VDC</td>
<td>Use 270 Ohm 1/4 Watt</td>
<td>Red, Violet, Brown, Gold</td>
</tr>
<tr>
<td>12VDC</td>
<td>Use 1000 Ohm 1/4 Watt</td>
<td>Brown, Black, Orange, Gold</td>
</tr>
<tr>
<td>24VDC</td>
<td>Use 2.0K 1/4 Watt</td>
<td>Red, Black, Orange, Gold</td>
</tr>
</tbody>
</table>

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