EA Series
Door Prop Alarms

With a visually appealing and functional design, SDC door prop alarms are compatible with all access control systems but can also function as a stand-alone solution. Now you can support positive access control and security behavior by students on campus and employees at facilities.

Improve security with a cost-effective door prop alarm. All SDC door prop alarms feature audible sirens with adjustable timer settings, two outputs, bypass status indicator light, and vandal-resistant aluminum construction. Available to install in single gang or double gang enclosures, SDC door prop alarms also offer optional keylock and mortise cylinder reset/bypass switches.*

* Mortise key cylinders sold separately. See related products.

MODELS
- **EA-SN** Single Gang Door Prop Alarm
- **EA-728V** Double Gang Door Prop Alarm, Keylock Reset/Bypass
- **EA-708V** Double Gang Door Prop Alarm, Mortise Key Cylinder Reset/Bypass Prep

STANDARD FEATURES
- Adjustable timed delay
- Audible alarm on door opening
- Automatic or manual alarm reset
- Output relays
- Visual status indicators (LED)
- Key reset/bypass switch*
- Compact universal mounting
- Field selectable dual voltage
- Field interchangeable volume control
- Vandal resistant aluminum plate and security screws
- 85dB Piezo buzzer alarm

* Not available on EA-SN. Applies to EA-728V and EA-708V models only.
APPLICATIONS

**EA-SN OPERATION**

LED is normally solid green and the alarm output relay is energized with power ON and the door closed.

Opening the door initiates an alarm delay period. If door does not close before the delay period expires, then the LED turns RED, the audible alarm is activated and the alarm output relay is de-energized.

Closing the door before the delay period expires will reset the delay period timer.

The alarm delay period shall be field selectable from 1-60 seconds (via adjustable pot)

There shall be (3) user-selectable options for resetting an alarm condition:

- Automatic reset on door closure
- Automatic reset 60 seconds after door closure. Re-opening the door during the 60 seconds will keep the door in an alarm condition until the door closes again, and restarts the 60 second timer. Once the door is closed, the door may also be manually reset using the remote reset input.
- Manual reset only – An alarm condition latches, and is not reset until the door is closed and the reset input is triggered.

Bypassing the alarm by holding the reset/bypass input will result in a flashing green LED.

**EA-728V & EA-708V OPERATION**

LED is normally solid green and the alarm output relay is energized with power ON and the door closed.

Opening the door initiates an alarm delay period. If door does not close before the delay period expires, then the LED turns RED, the audible alarm is activated and the alarm output relay is de-energized.

Closing the door before the delay period expires will reset the delay period timer.

The alarm delay period shall be field selectable from 1-60 seconds (via adjustable pot)

There shall be (3) user-selectable options for resetting an alarm condition:

- Automatic reset on door closure
- Automatic reset 60 seconds after door closure. Re-opening the door during the 60 seconds will keep the door in an alarm condition until the door closes again, and restarts the 60 second timer. Once the door is closed, the door may also be manually reset using the remote reset input OR built-in keylock.
- Manual reset only – An alarm condition latches, and is not reset until the door is closed and (1) the remote reset input is momentarily triggered OR (2) the built-in keylock is momentarily turned to the “Reset” position.

The alarm may be bypassed by shorting & holding the remote reset/bypass input, OR by turning the built-in keylock to the “Bypass” position. Returning the keylock to the center position will rearm the door.

Bypass mode will result in a flashing green LED.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th></th>
<th>EA-SN</th>
<th>EA-728V</th>
<th>EA-708V</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power</strong></td>
<td>12/24 VDC ± 10%</td>
<td>12/24 VDC ± 10%</td>
<td>12/24 VDC ± 10%</td>
</tr>
<tr>
<td><strong>Plate Size</strong></td>
<td>Single Gang</td>
<td>Double Gang</td>
<td>Double Gang</td>
</tr>
<tr>
<td><strong>Faceplate</strong></td>
<td>¼” Thick Aluminum, Security Screws</td>
<td>¼” Thick Aluminum, Security Screws</td>
<td>¼” Thick Aluminum, Security Screws</td>
</tr>
<tr>
<td><strong>Finish</strong></td>
<td>628 Dull Aluminum</td>
<td>628 Dull Aluminum</td>
<td>628 Dull Aluminum</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>5” x 3¾” x 1¼”</td>
<td>5” x 5” x 1¾”</td>
<td>5” x 5” x 1¾”</td>
</tr>
<tr>
<td><strong>Wiring</strong></td>
<td>Screw Terminals</td>
<td>Screw Terminals</td>
<td>Screw Terminals</td>
</tr>
<tr>
<td><strong>Alarm</strong></td>
<td>85 dB Piezo Buzzer, SPDT 2 Amp @ 30 VDC Resistive</td>
<td>85 dB Piezo Buzzer, SPDT 2 Amp @ 30 VDC Resistive</td>
<td>85 dB Piezo Buzzer, SPDT 2 Amp @ 30 VDC Resistive</td>
</tr>
<tr>
<td><strong>LED</strong></td>
<td>Bi-Color</td>
<td>Bi-Color</td>
<td>Bi-Color</td>
</tr>
<tr>
<td><strong>Trigger</strong></td>
<td>N/C or N/O, Dry</td>
<td>N/C or N/O, Dry</td>
<td>N/C or N/O, Dry</td>
</tr>
<tr>
<td><strong>Reset/Bypass</strong></td>
<td>N/C or N/O, Dry</td>
<td>N/C or N/O, Dry</td>
<td>N/C or N/O, Dry</td>
</tr>
<tr>
<td><strong>Auxiliary Output</strong></td>
<td>SPDT 2 Amp @ 30 VDC Resistive</td>
<td>SPDT 2 Amp @ 30 VDC Resistive</td>
<td>SPDT 2 Amp @ 30 VDC Resistive</td>
</tr>
</tbody>
</table>
HOW TO ORDER

1] SPECIFY MODEL

**EA-SN**  Single Gang Door Prop Alarm

**EA-728V**  Double Gang Door Prop Alarm, Keylock Reset/Bypass

**EA-708V**  Double Gang Door Prop Alarm, Mortise Key Cylinder Reset/Bypass Prep

FOLLOW STEPS FOR ORDERING

<table>
<thead>
<tr>
<th>STEP NUMBER:</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORDERING EXAMPLE:</td>
<td>EA-708V</td>
</tr>
</tbody>
</table>

RELATED PRODUCTS

**DOOR POSITION STATUS (DPS)**
Magnetic door contacts and electromechanical ball switch assemblies provide a means of monitoring door status.

[CLICK TO VIEW]

**COMPATIBLE KEY CYLINDERS**

**CYL-6KDQ**  Mortise Cylinder, 6-Pin, 1 1/8” Length, Keyed Different, Dull Chrome

**CYL-6KAQ**  Mortise Cylinder 6-Pin, 1 1/8” Length, Keyed Alike, Dull Chrome