EA Series
Door Prop Alarm
SDC DESIGNED AND MANUFACTURED

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.

FEATURES

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.

• Adjustable Timed Delay
• Exit Alarm on Door Opening
• Automatic or Manual Alarm Reset
• Output Relays
• Integral Bi-color LED Status Indicator
• Optional Key Reset/Bypass Switch
• Compact Universal Mounting
• 85dB Piezo Buzzer Alarm

MODELS

- **EA-SN**
  - Door Prop Alarm, Single Gang w/ integral Status LED & Audible Alarm

- **EA-728V**
  - Double Gang w/ integral Status LED, Audible Alarm & Keylock Switch for Reset/Bypass

- **EA-708V**
  - Double Gang w/ integral Status LED, Audible Alarm & Mortise Key Cylinder Switch for Reset/Bypass
  (Cylinder not included)
### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Power</th>
<th>12 or 24 VDC</th>
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<tbody>
<tr>
<td><strong>Mounting</strong></td>
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<tr>
<td>EA-SN: Single Gang 1/4” Aluminum Thick Plate w/ security screws</td>
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<tr>
<td>EA-728, -708: Double Gang 1/4” Aluminum Plate w/ security screws</td>
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<tr>
<td><strong>Alarm Sound Level</strong></td>
<td>85dB Piezo Buzzer</td>
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<tr>
<td><strong>Status Annunciator</strong></td>
<td>Bi-colored LED</td>
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### OPERATION

**EA-SN**
- 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:
  1. Automatic reset on door closure
  2. 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.
  3. 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-728, EA-708**
- 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:
  1. Automatic reset on door closure
  2. 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.
  3. 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.

### ACCESSORIES

**DPS-11**  
Ball Switch Door Position Sensor  
The SDC DPS-11 ball switch is compatible with swinging or sliding doors. Recommended uses include communicated doors, mantraps, auto re-lock switches and high current applications.

**MC-4M**  
Concealed Magnetic Contact Door Position Sensor  
Designed for vandal resistance, the SDC MC-4M is installed in the mortise of a hollow metal or aluminum frame and wood, hollow wood or aluminum door.

**MC-4PAK**  
Magnetic Switch Door Position Sensor - 10 pack  
Ideal for door status monitoring, the SDC MC-4 is easily installed in hollow metal and aluminum doors and frames.

**MC-7**  
High Security Magnetic Switch Door Position Sensor  
Biased for high security door status monitoring, the MC-7 guards against false status indication caused by the presence of an additional magnet. Installed in hollow metal and aluminum doors and frames. Recommended for high security applications.

**CYL-6KDQ**  
6 pin, 1-1/8” Mortise Cylinder, Keyed different, 626 Dull Chrome

**CYL-6KAQ**  
6 pin, 1-1/8” Mortise Cylinder, Keyed alike, 626 Dull Chrome