Heavy Duty Illuminated Switches

All PEB Series switches feature field selectable illumination. Brilliant red, vibrant green or no illumination can be selected for standby and switch activation status.

- Stainless Steel Construction
- Weather/Vandal Resistant Design
- Built in adjustable timer
- Field Selectable Illumination
- Rugged Piezoelectric Switch
- Made with pride in the USA
- Custom Graphics Available
- Limited Lifetime Warranty
PEB Series

Heavy Duty, Illuminated Access Switches

Essex PEB Series Piezoelectric Access Switches are illuminated, stainless steel, timed electronic switches designed to operate in various high use, harsh and vandal prone environments. Designed to control an automatic door, electric lock/strike, magnetic lock or any electrically controlled device, these unique field configurable switches feature solid-state Piezoelectric Switch technology and field selectable options including adjustable timed output and illumination feedback status.

Features

- Cutting Edge Switch Technology
  Essex proprietary Piezoelectric Billion Cycle Switch Technology™
- Weather Resistant Design
  Circuit assembly encapsulation
- Vandal Resistant Construction
  Stainless Steel Faceplate and Button Cap
- Custom Graphics Available
  Engraved in Red or Laser Marked in Black
- Field Selectable Illumination
  Switch Activated orExternally Controlled
  Jumper Selectable: Red, Green or No
  Illumination for standby or active status
- Mounting Method
  Single gang: Mounts directly to a single
  gang switchbox or optional mounting
  back box (BAK BOX—SGS).
  Narrow: Mullion mount.
- Limited Lifetime Warranty
  Lifetime Warranty against defects in
  materials and workmanship.

Specifications

- Power Requirements
  12 to 24VDC*
- Outputs
  One N/O, One N/C
  2A 30VDC Resistive, ½A 125VAC
  Jumper Selectable Relay (Normally ON or OFF)
  for fail safe or fail secure operation
- Relay Life Expectancy
  500,000 @ 1A 30VDC
- Adjustable Output Time
  1 to 40 seconds
- Current Draw
  Min: < 10mA Max: < 120mA
- Switch Operating Environment
  - 40°F to + 160°F (40°C to + 70°C)
- Dimensions
  Height Width Depth
  Single Gang 4 ½” 2 ¾” 1 ¼”
  Narrow 4 ½” 1 ¾” 1 ¼”
- Weight
  Single Gang: 7.2 oz. (204 gm)
  Narrow: 5.1 oz. (145 gm)

Ordering Guide

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Graphics</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEB-A–1</td>
<td>Piezoelectric Switch Assembly without Faceplate</td>
<td>N/A</td>
</tr>
<tr>
<td>PEBSS0-US</td>
<td>U.S. Single Gang Piezoelectric Switch Blank</td>
<td>No Graphics</td>
</tr>
<tr>
<td>PEBSS2-US</td>
<td>U.S. Single Gang Piezoelectric Switch</td>
<td>“PUSH TO EXIT” in Red</td>
</tr>
<tr>
<td>PEBSS4-US</td>
<td>U.S. Single Gang Piezoelectric Switch</td>
<td>“EMERGENCY EXIT” in Red</td>
</tr>
<tr>
<td>PEBSS6-US</td>
<td>U.S. Single Gang Piezoelectric Switch</td>
<td>“PUSH TO OPEN” in Red</td>
</tr>
<tr>
<td>PEBSS2MX-US</td>
<td>U.S. Single Gang Piezoelectric Switch Spanish</td>
<td>“PRESIONE PARA SALIR” in Red</td>
</tr>
<tr>
<td>PEBSS6MX-US</td>
<td>U.S. Single Gang Piezoelectric Switch Spanish</td>
<td>“PRESIONE PARA ABRIR” in Red</td>
</tr>
<tr>
<td>PEBSSCB-US</td>
<td>Custom U.S. Single Gang Piezoelectric Switch (25 min)</td>
<td>Custom Laser Marked in Black</td>
</tr>
<tr>
<td>PEBSSCR-US</td>
<td>Custom U.S. Single Gang Piezoelectric Switch (25 min)</td>
<td>Custom Engraved in Red</td>
</tr>
<tr>
<td>PEBSSN-0</td>
<td>Narrow Piezoelectric Switch Blank</td>
<td>No Graphics</td>
</tr>
<tr>
<td>PEBSSN2</td>
<td>Narrow Piezoelectric Switch</td>
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<tr>
<td>PEBSSN6</td>
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<td>“PRESIONE PARA ABRIR” in Red</td>
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<tr>
<td>PEBSSNCB</td>
<td>Custom Narrow Piezoelectric Switch (25 min)</td>
<td>Custom Laser Marked in Black</td>
</tr>
<tr>
<td>PEBSSNCR</td>
<td>Custom Narrow Piezoelectric Switch (25 min)</td>
<td>Custom Engraved in Red</td>
</tr>
<tr>
<td>PS–12DC</td>
<td>12 Volt DC Power Supply – 1.5 AMP w/6’ Cord</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*Important Note: Essex PEB Series Switches will not operate with <11VDC. Backup power (i.e. Uninterruptible Power Supply) is required for operation during a power interruption. Some local building or fire safety regulations may limit the use of electronic exit buttons. Consult with local officials prior to installing for egress applications. Contact Essex technical support for wiring suggestions.