

Superior Switch



PEB Series

The Essex PEB Series are industrial grade, illuminated touch REX devices with advanced switch technology and field selectable configuration options.



PEB-1SO



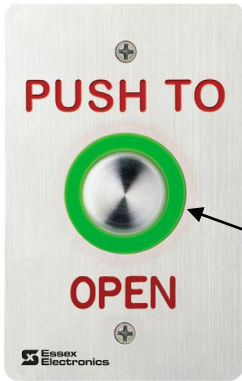
PEB-2S

- ▶ Piezoelectric Switch Technology
- ▶ Ruggedized Vandal Resistant Design
- ▶ All Weather IP 66 Rated
- ▶ Stainless Steel Construction
- ▶ Easy to Clean and Sanitize
- ▶ Two Outputs (1 N/O, 1 N/C)
- ▶ Field Selectable Illumination
- ▶ Built in Adjustable Timer
- ▶ Narrow or Single Gang
- ▶ Limited Lifetime Warranty
- ▶ Designed and Manufactured in the USA

Essex PEB Series Piezoelectric Touch 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.



PEB-1S



PEB-2SO

Features

Cutting Edge Switch Technology

Essex proprietary Piezoelectric Billion Cycle Switch Technology™.

Weather Resistant Design

Circuit assembly encapsulation

Vandal Resistant Construction

1/8" Stainless Steel Faceplate

Field Selectable Illumination

Switch Activated or Externally 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 or optional spacer ring (SR-1).

Limited Lifetime Warranty

Lifetime Warranty against defects in materials and workmanship.

Touch to change color
All PEB Series feature selectable illumination. Brilliant red, vibrant green or no illumination can be selected for standby and switch activation status

Specifications

Power Requirements

12 to 24VDC*

Outputs

One N/O, One N/C
2A 30VDC Resistive, 1/2A 125VAC
Jumper Selectable Relay (Normally ON or OFF) for fail safe or fail secure operation

Adjustable Output Time

1 to 40 seconds

| | Min | Max |
|---------------------|--------|---------|
| Current Draw | < 10mA | < 120mA |

IP Rating

IP66

Operating Environment

- 40°F to + 160°F (- 40°C to + 70°C)
100 % Relative Humidity

Dimensions

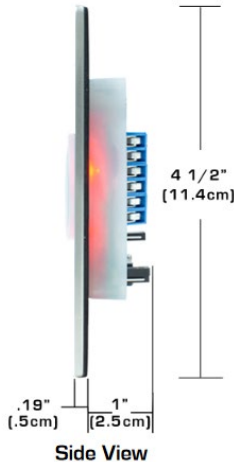
| | Height | Width | Depth |
|-------------|--------|--------|--------|
| Single Gang | 4 1/2" | 2 3/4" | 1 1/4" |
| Narrow | 4 1/2" | 1 3/4" | 1 1/4" |

Weight

Single Gang: 7.2 oz. (204 gm)
Narrow: 5.1 oz. (145 gm)

Certifications

UL 294: Access Control Line Security 1



Side View

Ordering Guide

| Part Number | Description | Graphics | Corners |
|---------------|---------------------------------------|------------------|---------|
| PEBA - 1 | Piezoelectric Switch Assembly | N/A | N/A |
| PEB - 1S | Narrow Piezoelectric Switch | "PUSH TO EXIT" | Radius |
| PEB - 1SO | Narrow Piezoelectric Switch | "PUSH TO OPEN" | Radius |
| PEB - 2S | U.S. Single Gang Piezoelectric Switch | "PUSH TO EXIT" | Radius |
| PEB - 2SBLANK | U.S. Single Gang Piezoelectric Switch | No Graphics | Radius |
| PEB - 2SEE | U.S. Single Gang Piezoelectric Switch | "EMERGENCY EXIT" | Radius |
| PEB - 2SO | U.S. Single Gang Piezoelectric Switch | "PUSH TO OPEN" | Radius |

***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.



1-800-KEYLESS • keyless.com

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LPEB.0523R1 Specifications are subject to change without prior notice.



Proudly Made in the USA