

Heavy Duty Illuminated Switches



PEBSS2-US



Exceptional
Quality

PEB SERIES

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



PEBSSNO



PEBSS6-US



PEBSS4-US



PEBSS6MX-US

- 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

 **Essex
Electronics**
1-800-KEYLESS keyless.com

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.



PEBSS2-US



PEBSSN2

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

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 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.

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, 1/2A 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

	Min	Max
Current Draw	< 10mA	< 120mA

Switch Operating Environment

- 40°F to + 160°F (- 40°C to + 70°C)

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)

Ordering Guide

Part Number	Description	Graphics
PEBA-1	Piezoelectric Switch Assembly without Faceplate	N/A
PEBSS0-US	U.S. Single Gang Piezoelectric Switch Blank	No Graphics
PEBSS2-US	U.S. Single Gang Piezoelectric Switch	"PUSH TO EXIT" in Red
PEBSS4-US	U.S. Single Gang Piezoelectric Switch	"EMERGENCY EXIT" in Red
PEBSS6-US	U.S. Single Gang Piezoelectric Switch	"PUSH TO OPEN" in Red
PEBSS2MX-US	U.S. Single Gang Piezoelectric Switch Spanish	"PRESIONE PARA SALIR" in Red
PEBSS6MX-US	U.S. Single Gang Piezoelectric Switch Spanish	"PRESIONE PARA ABRIR" in Red
PEBSSCB-US	Custom U.S. Single Gang Piezoelectric Switch (25 min)	Custom Laser Marked in Black
PEBSSCR-US	Custom U.S. Single Gang Piezoelectric Switch (25 min)	Custom Engraved in Red
PEBSSN0	Narrow Piezoelectric Switch Blank	No Graphics
PEBSSN2	Narrow Piezoelectric Switch	"PUSH TO EXIT" in Red
PEBSSN6	Narrow Piezoelectric Switch	"PUSH TO OPEN" in Red
PEBSSN2MX	Narrow Piezoelectric Switch Spanish	"PRESIONE PARA SALIR" in Red
PEBSSN6MX	Narrow Piezoelectric Switch Spanish	"PRESIONE PARA ABRIR" in Red
PEBSSNCB	Custom Narrow Piezoelectric Switch (25 min)	Custom Laser Marked in Black
PEBSSNCR	Custom Narrow Piezoelectric Switch (25 min)	Custom Engraved in Red
PS-12DC	12 Volt DC Power Supply - 1.5 AMP w/6' Cord	N/A

*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.