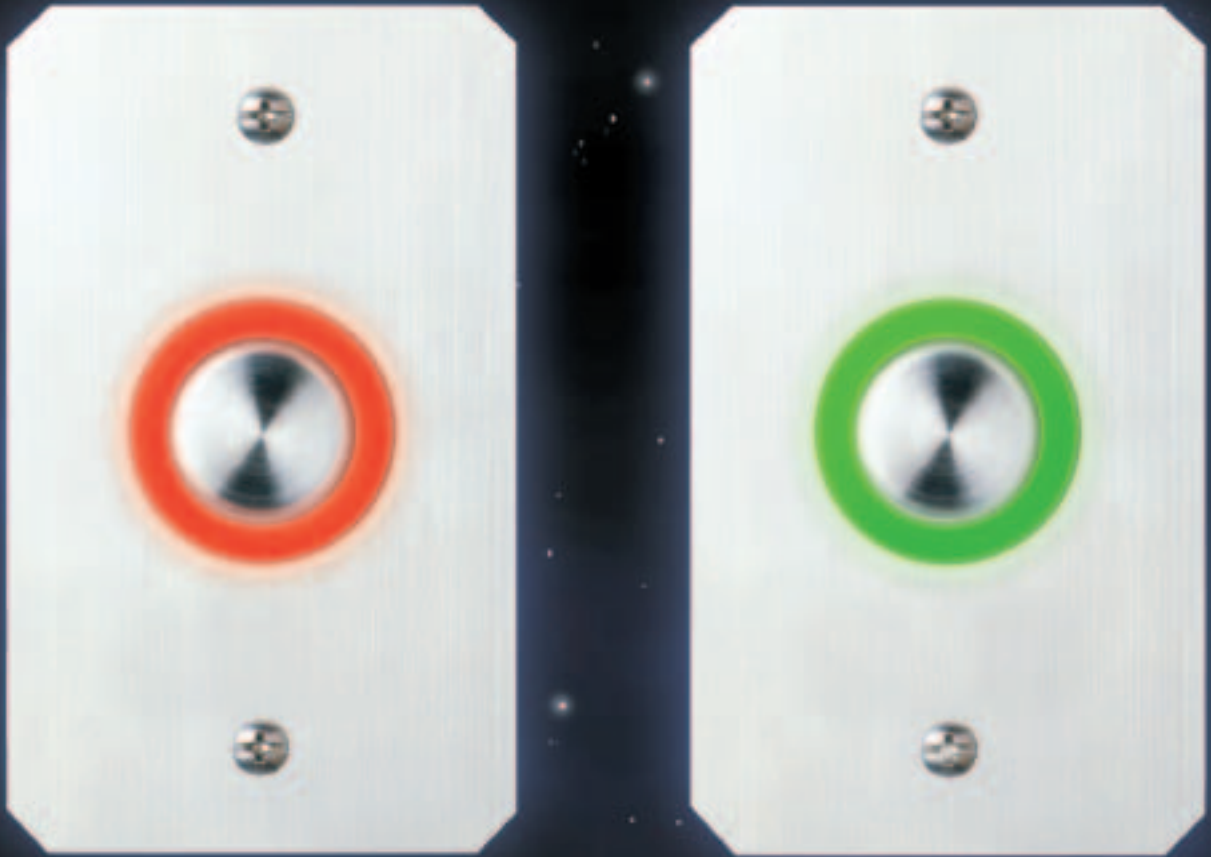


EXCEPTIONAL



Touch to Change Color.

PIEZOELECTRIC SWITCHES

- Billion Cycle Switch Technology™
- New Weatherproof Design
- Stainless Steel Construction
- Field Selectable Illumination
- 12-24VDC Input
- Two Outputs (1 N/O, 1 N/C)
- Adjustable Output Time (1 to 40 Seconds)
- Limited Lifetime Warranty

Essex Piezoelectric Switches are heavy duty, illuminated, timed electronic switches with a new and improved weatherproof design. They feature solid state Piezoelectric Switch Technology and field selectable illumination status. Brilliant red, vibrant green or no illumination can be selected to show relay ON or relay OFF status.

XE ESSEX
ELECTRONICS
INCORPORATED
1-800-KEYLESS keyless.com

Features

- **Switch Technology**
Essex proprietary Piezoelectric Billion Cycle Switch Technology™
- **New Weatherproof Design**
Circuit Assembly Encapsulation
- **Vandal Resistant**
Stainless Steel Mounting Plate and Solid State Button
- **Adjustable Output Time**
1 to 40 seconds
- **Field Selectable Illumination Status**
Jumper Selectable or Externally Controlled
Relay OFF: Red, Green or No Illumination
Relay ON: Red, Green or No Illumination
- **Mounting Method**
Single Gang: Mounts directly to a single gang switchbox or optional mounting box (BAK-BOXSGS)
Narrow: Mullion Mount
- **Faceplate Graphics**
“EXIT”, “PUSH TO EXIT” or No Graphics
Custom Laser Marked Black Graphics available.
- **Limited Lifetime Warranty**
Lifetime Warranty against defects in materials and workmanship

Specifications

- **Power Requirements**
12 to 24VDC
- **Outputs**
One Normally Open, One Normally Closed
2A 30VDC Resistive, ½A 125VAC
Jumper Selectable Relay (Normally ON or OFF) for fail safe or fail secure operation
- **Current Draw**

	<u>LED's ON</u>	<u>LED's OFF</u>
Standby	< 60mA	< 10mA
Relay ON	< 120mA	< 60mA
- **Button Switch Life**
> 1 Billion Cycles
- **Relay Life Expectancy**
100,000 @ 2A 30VDC
500,000 @ 1A 30VDC
- **Switch Operating Environment**
– 40° C to +70° C (– 40° F to +160° F)
- **Dimensions**

	Height	Width	Depth
Single Gang	4½”(11.4 cm)	2¾”(7 cm)	1¼”(3.2 cm)
Narrow	4½”(11.4 cm)	1¾”(4.4 cm)	1¼”(3.2 cm)
- **Weight**

Single Gang	7.2 oz (204 g)
Narrow	5.1 oz (145 g)



PEBSS2-US



PEBSSN1

ORDERING GUIDE

Part No.	Description	Faceplate Graphics
PEBA-1	Piezoelectric Switch Assembly	N/A – No Faceplate
PEBSS0 – US	U.S Single Gang Piezoelectric Switch	No Graphics
PEBSS1 – US	U.S Single Gang Piezoelectric Switch	“EXIT” in Red
PEBSS2 – US	U.S Single Gang Piezoelectric Switch	“PUSH TO EXIT” in Red
PEBSSN0	Narrow Piezoelectric Switch	No Graphics
PEBSSN1	Narrow Piezoelectric Switch	“EXIT” in Red

Important Note: Due to the electrical design of Essex Piezoelectric Switches, they will not operate without power. Backup power (i.e. UPS – Uninterruptible Power Supply) is required for operation during a power interruption. Some local building or fire safety regulations may limit the use of exit buttons. Consulting with local officials and getting approval is recommended prior to installing exit buttons. Contact Essex technical support for wiring suggestions.