

## Explosion Proof 10 Amp Mushroom Push Button Switch - Class I and II, Division 1 and 2 EPS-PB10

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



### EPS-PB10 Explosion Proof Push Button

Unit Type: Explosion Proof Push Button Switch

Dimensions: 5 3/32" x 3 1/2" x 3 1/16"

Weight: 8 lbs

Voltage: 600V AC

Amps: 10A

Position: 1 Circuit Universal

Contacts: NO or NC

Operating Temp: -20C to +40C

Material: Copper Free Aluminum

Mount: Surface/Conduit

Configuration: Dead End or Feed Thru

Hub Size Options: 3/4" NPT or 1/2" NPT

### Ratings/Features:

Listed for United States & Canada

Class I, Div 1 & 2, Group C, D

Class II, Div 1, Groups E, F, G

Class II, Div 2, Groups F, G

Class III

NEMA 3, 7 (C,D), 9 (E, F, G)

### Special Orders- Requirements

Contact us for special requirements

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**The Larson Electronics explosion proof single push button switch is designed for use in hazardous work areas, such as chemical plants, oil refineries and settings where combustible gases or dust may be present. This 10-amp device features the following explosion proof ratings: Class I Division 1 and 2; and Class II Division 1 and 2. In industrial and commercial settings, the front-operated push button switch may be used to support basic features of machines lacking electrical circuits for control. When ordering this unit, buyers may choose from 1/2" and 3/4", dead end and feed thru options.**

**Features:** This explosion proof push button switch is rated for 10 amps at 600 VAC 60 Hz. This push button comes in a switch configuration of normally open or normally closed. The device supports operating temperatures between -20° to 40°C. It is enclosed in a separate sealing chamber, and the sealing chamber has smooth, double flanges that mate both to the cover and the mounting enclosure to provide flame tight joints.

On this unit, the screws consist of stainless steel captive screws and attach the sealing chamber to cover and mounting enclosure. The side rocker arm push button switch is supplied with an internal ground screw. Its housing is constructed of copper-free aluminum, finished with aluminum acrylic paint. With the robust protruding button design, workers using thick gloves may find the device easier to activate, compared to a traditional push button switch design.

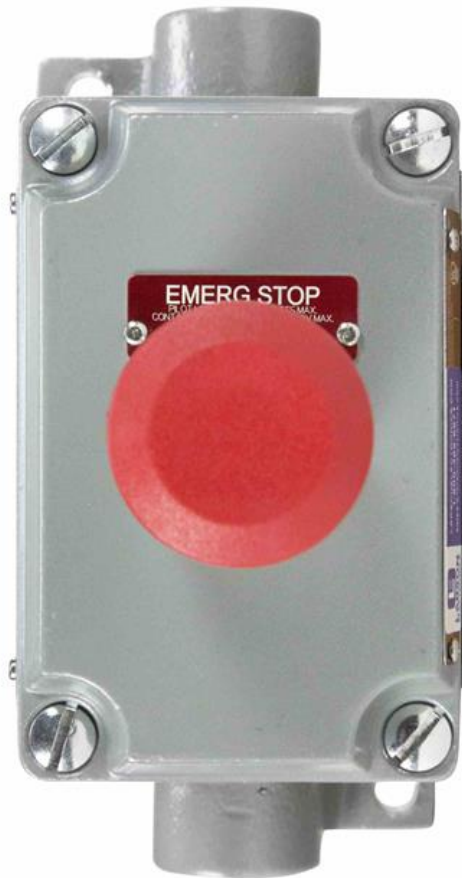
**Options:** This device features 1/2" and 3/4" dead end and feed thru options. Feed thru means there is a hub on both ends of the device box, whereas dead end means only a single hub. Both options come with Class 1 Division 1 and 2 (Groups C and D), Class 2 Division 1 and 2 (Groups E, F and G) and Class 3 explosion proof ratings. The components also comply with UL 894, UL 1203 and UL 698 standards, and support NEMA 3/7, CSA Standard: C22.2 No. 30 ratings. At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com) for more information about our custom options tailored to meet your specific industry needs.

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## Frequently Asked Questions (FAQ)











**Options:**

**EPS-PB10-Hub Config-Termination-Contacts**

**Example: EPS-PB10-0.75-DE-NO**

Hub Config	
3/4IN	-0.75
1/2IN	-0.5

Termination	
DEAD END	-DE
FEED THRU	-FT

Contacts	
NORMALLY OPEN	-NO
NORMALLY CLOSED	-NC



Links (Click on the below items to view):

- [CE Certificate](#)
- [Certificate 1, Misc](#)
- [Dimensional Drawing 2D](#)
- [MSDS \(Material Safety Data Sheet\)](#)
- [Operations Manual](#)
- [RoHS Certificate \(Restriction of Hazardous Substances\)](#)
- [STEP File \(3D CAD Model\)](#)
- [Wiring Diagram \(Online\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
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- [HigResPic9](#)
- [Video1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)