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Explosion Proof 10 Amp Push/Pull Button Switch - Class I and II, Division 1 and 2

EPS-PB10-BLU

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

EPS-PB10-BLU Explosion Proof Push Button

Unit Type: Explosion Proof Push/Pull 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

Phone: 1-214-616-6180

Toll Free: 1-800-369-6671

Fax: 1-903-498-3364

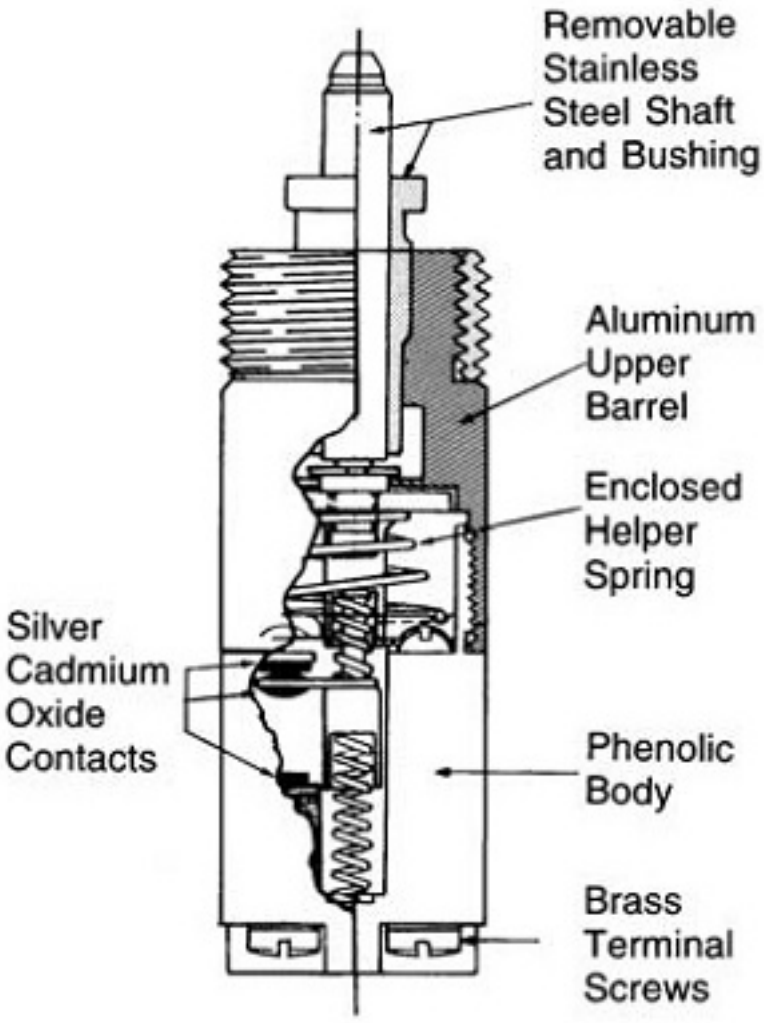
E-mail: sales@larsonelectronics.com

The Larson Electronics EPS-PB10-BLU is an explosion proof single push/pull station designed for use in hazardous work areas, such as chemical plants, oil refineries and settings where combustible gases or dust may be present. This blue, 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/pull 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/pull station is rated for 10 amps at 600 VAC 60 Hz. This push/pull 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 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 ½" and ¾" dead end and feed thru options. 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 for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)

EPS-PB10-12-FT

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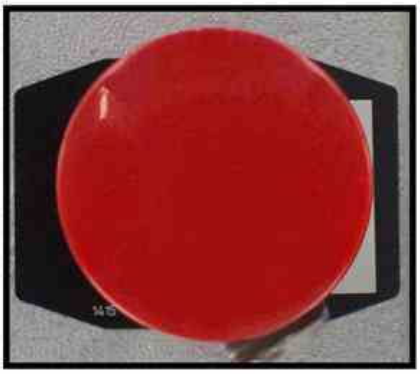

MUSHROOM PUSH BUTTON

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Options:

EPS-PB10-BLU-Hub Config-Termination-Contacts

Example: EPS-PB10-BLU-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**
- **MSDS (Material Safety Data Sheet**
- **Operations Manual**
- **RoHS Certificate (Restriction of Hazardous Substances)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**