

EPS-PB10-2XC

Explosion Proof Mushroom Push Button Switch - (2) Contact Blocks - Class I and II, Division 1 and 2

Product ID: 152626

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



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

EPS-PB10-2XC 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
Poles: Double Pole
Contacts: (2 Sets) 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 - Special Requirements

Contact us for special requirements

Intl: 1-903-270-1187

Toll Free: 1-800-369-6671

Fax: 1-903-498-3364

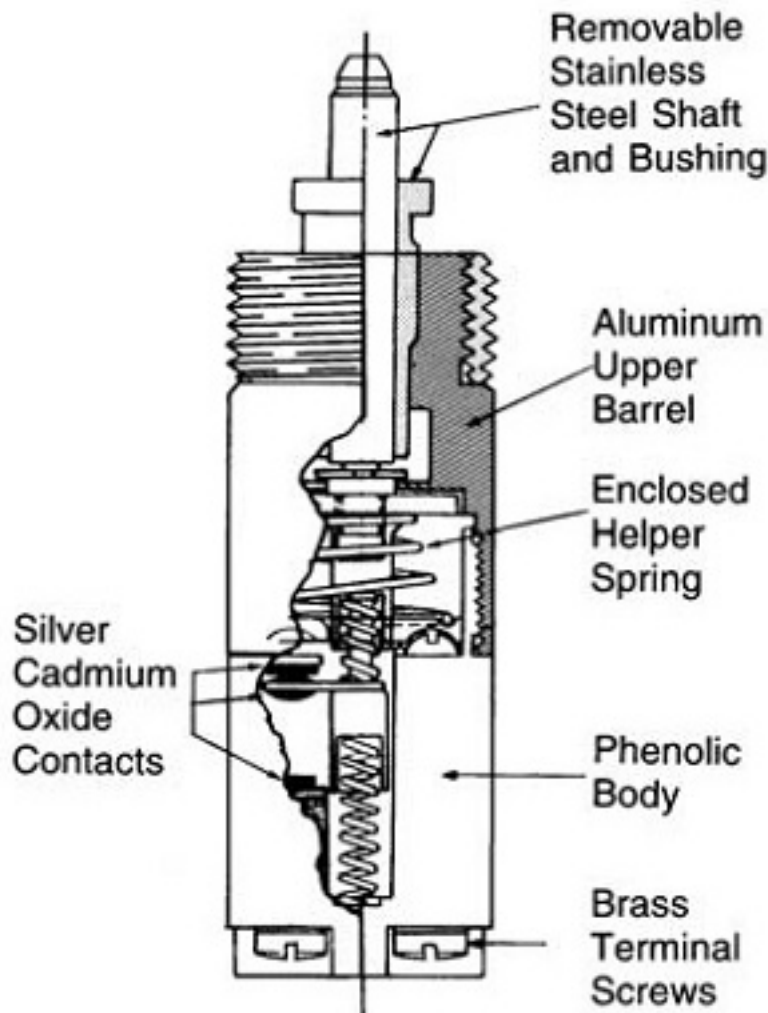
E-mail: sales@larsonelectronics.com

The Larson Electronics EPS-PB10-2XC 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 features 2 contact blocks for up to 2 connections and comes in a switch configuration of 2 normally open or 2 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 1/2" and 3/4" 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.

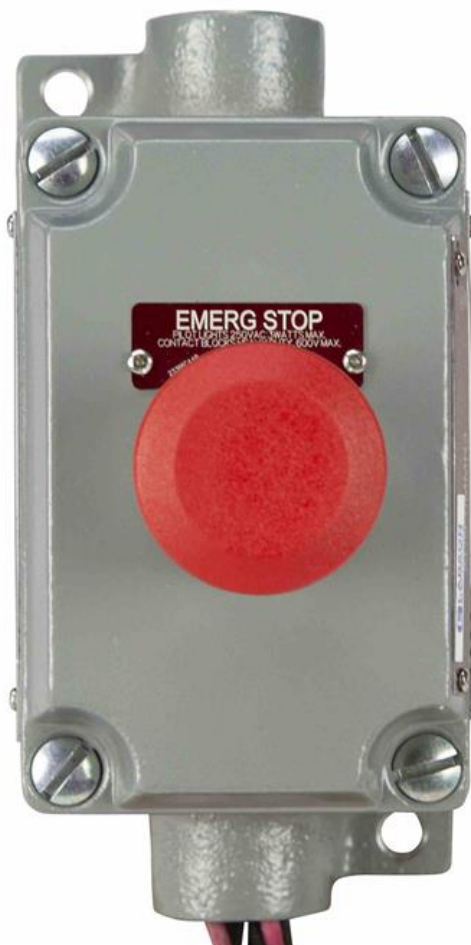
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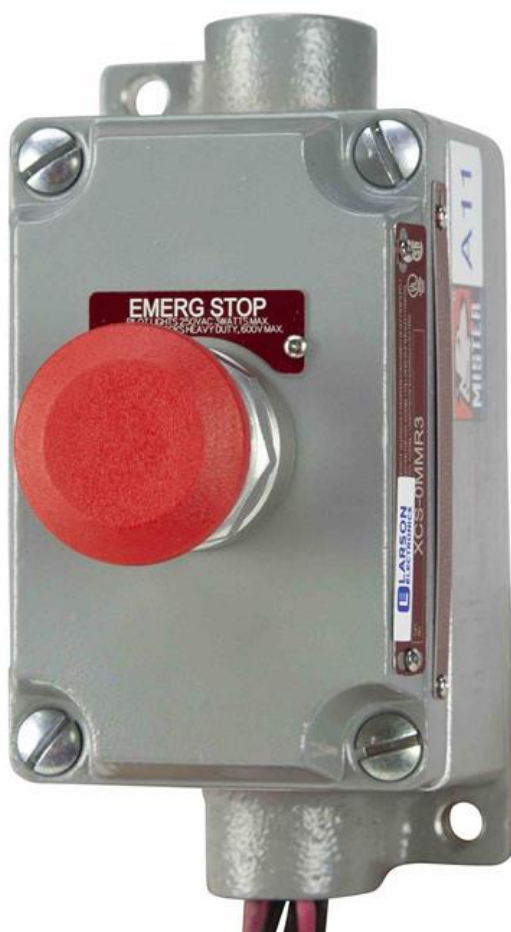


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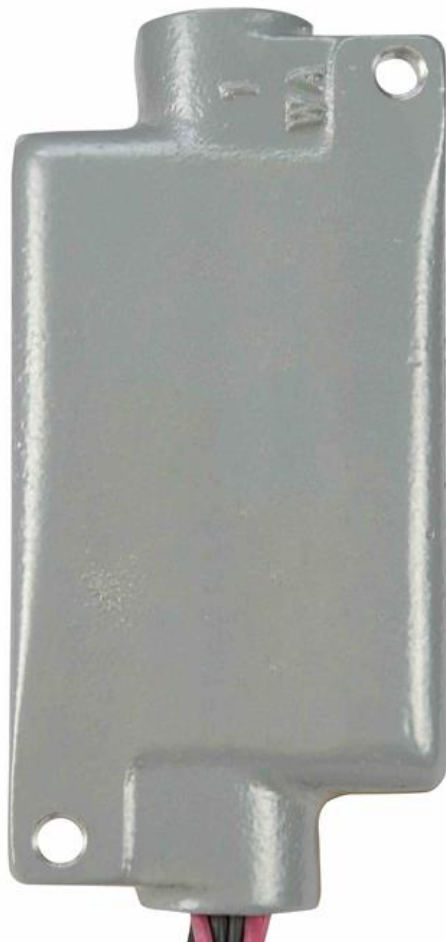


Frequently Asked Questions (FAQ)









EPS-PB10-2XC

Product ID: 152626

Export Control Classification Number (ECCN): EAR99

Options:

EPS-PB10-2XC-**Hub Config**-**Termination**-**Contacts**

Example: EPS-PB10-2XC-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
NORMALLY OPEN / NORMALLY CLOSED	-NO.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](#)
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