Larson Electronics LLC
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20A Explosion Proof Mushroom Push Button Switch - Class I/ II, Division 1 & 2 - 120V AC - 2P

EPS-PB20-2P

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

EPS-PB20-2P Explosion Proof Switch

Listing: NRTL Listed for United States and Canada
Dimensions: -
Weight: -
Voltage: 120V AC, 60Hz
Poles: 2P
Amps: 20A
Switch Configuration: NO or NC
Operating Temperature: -20° to 40°C
Materials: Copper-free Aluminum, Stainless Steel Screws
Finish: Aluminum Acrylic Paint
Mount: Surface
Wiring Configuration: Dead End or Feed Thru
Hub Size Options: 1/2" or 3/4"

Ratings

Class I, Divisions 1&2 Groups C,D
Class II, Divisions 1&2 Groups E,F,G
Class III
NEMA 3, 7

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-214-616-6180
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

The Larson Electronics EPS-PB20-2P Explosion Proof 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 20-amp device features the following explosion proof ratings: Class I, Division 1 & 2, Class II, Division 1 & 2 and Class III. 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 2-pole unit, buyers may choose from 1/2" and 3/4", dead-end and feed-thru options.

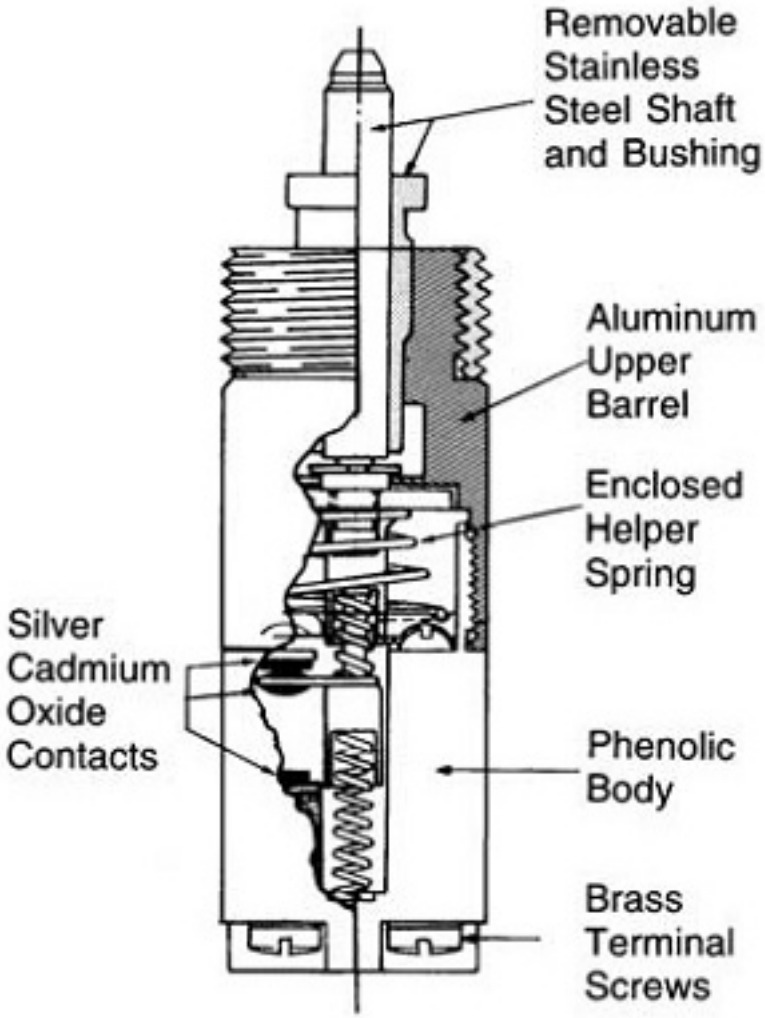
The EPS-PB20-2P is rated for 20 amps at 120V AC, 60 Hz. This explosion proof push button comes in a switch configuration of normally open or normally closed. The 2-pole device supports operating temperatures between -20° to 40°C. It is enclosed in a separate sealing chamber, and the sealing chamber has smooth, double flanges that mate both to the cover and the mounting enclosure to provide flame tight joints.

Click Photo to Enlarge

Click Photo to Enlarge

Click Photo to Enlarge

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 has lockout holes, and 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.



Hubs: This device features ½" and ¾", as well as dead-end and feed-thru options. Both options come with Class I, Divisions 1 & 2 (Groups C and D), Class II, Divisions 1 & 2 (Groups E, F and G) and Class III explosion proof ratings.
Mounting: The EPS-PB20-2P is compatible with surface mounting requirements. Two mounting holes at the back of the unit can be used to secure the switch during installation.
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)

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EPS-PB20-0.75-FT-NO

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Options:

EPS-PB20-2P-Hub Size-Termination-Contacts

Example: EPS-PB20-2P-0.75-DE-NO

Hub Size	
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):

- **Operations Manual**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **HigResPic10**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**