

EPS-PB10-MS-ES-LCK-2XC

Explosion Proof Mushroom Push Button Keyed Switch - Class I, II - (2) Contact Blocks - Maintained

Product ID: 302021

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



Image: EPS-PB10-MS-ES-LCK-2XC

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-MS-ES-LCK-2XC Explosion Proof Push Button Keyed Switch

Listed: NRTL Listed for United States & Canada

Unit Type: Explosion Proof Push Button Keyed Switch

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

Weight: 8 lb

Voltage: 600V AC

Amps: 10A

Poles: Double Pole

Contacts: (2 Sets) NO or NC

Action: Maintained

Operating Temp: -20°C to +40°C

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

Class I, Division 1 & 2, Group B, C, D

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

Class II, Division 2, Groups F, G

Class III

NEMA 3, 7 (B,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: 1-903-765-7664

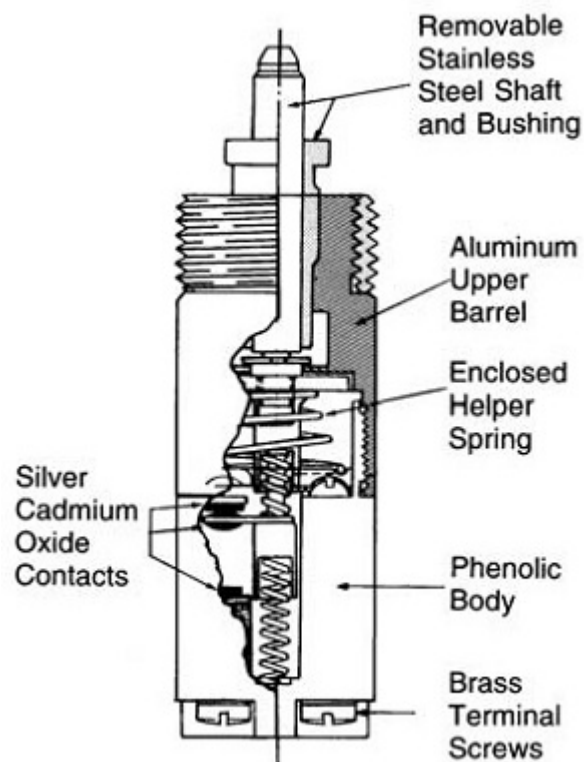
E-mail: sales@larsonelectronics.com

The EPS-PB10-MS-ES-LCK-2XC from Larson Electronics is an Explosion Proof Single Push Button Keyed Switch that 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 keyed switch is rated for 10 amps at 600V AC 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. Equipped with maintained action, 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 keyed 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 I, Division 1 and 2 (Groups B, C and D), Class II, Division 1 and 2 (Groups E, F and G) and Class 3 explosion proof 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.



Frequently Asked Questions (FAQ)

There are no Faqs



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Product ID: 302021

Export Control Classification Number (ECCN): EAR99

Options:

EPS-PB10-MS-ES-LCK-2XC-Hub Config-Termination-Contacts

Example: EPS-PB10-MS-ES-LCK-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):

- **Wiring Diagram** (<https://www.larsonelectronics.com/images/product/WiringDiagram/302021.PDF>)
- **HigResPic1** (<https://www.larsonelectronics.com/images/product/HigResPic1/302021.JPG>)
- **HigResPic2** (<https://www.larsonelectronics.com/images/product/HigResPic2/302021.JPG>)
- **HigResPic3** (<https://www.larsonelectronics.com/images/product/HigResPic3/302021.JPG>)
- **HigResPic4** (<https://www.larsonelectronics.com/images/product/HigResPic4/302021.JPG>)
- **HigResPic5** (<https://www.larsonelectronics.com/images/product/HigResPic5/302021.JPG>)
- **HigResPic6** (<https://www.larsonelectronics.com/images/product/HigResPic6/302021.JPG>)
- **HigResPic7** (<https://www.larsonelectronics.com/images/product/HigResPic7/302021.JPG>)
- **HigResPic8** (<https://www.larsonelectronics.com/images/product/HigResPic8/302021.JPG>)
- **Video1** (<https://www.youtube.com/watch?v=LCY0u15ez4s>)
- **ISO 9001 Certification** (<http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF>)
- **Business Certificate** (<https://www.larsonelectronics.com/images/pdfdocs/w9.PDF>)
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