

2A Explosion Proof Push Button Switch - Class I, II, III - 12V Rated, Momentary - NEMA EPS-PB10-MS-12VDC

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



EPS-PB10-MS-12VDC Explosion Proof Push Button

Listing: NRTL Listed for United States, Canada

Dimensions: -

Weight: -

Voltage: 12V DC Rated

Amps: 2A

Push Button Type: Momentary

Contacts: NO or NC

Button Color: Red, Green or Black

Nameplate Marking: -

Ambient Operating Temp Range: -

Materials: Aluminum

Mounting: Surface

Termination: Dead End or Feed Through

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

Ratings/Features

Class I, Divisions 1&2, Groups C,D

Class I, Zones 1&2, Groups IIB,IIA

Class II, Divisions 1&2, Groups E,F,G

Class III

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

Special Orders- Requirements

Contact us for special requirements

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The Larson Electronics EPS-PB10-MS-12VDC Explosion Proof Momentary Push Button Switch is designed for Class I, II and III rated combustible environments. This 2-amp switch is rated at 12V DC. Manufactured using non-sparking materials, the explosion proof unit is suitable for surface mounting installations.

The EPS-PB10-MS-12VDC is factory sealed, which eliminates the need for adding sealing fittings and compound at each conduit entrance. This unit is built to be heavy duty, and is rated for 2 amps at 12V DC. The momentary button is offered in red, green, and black. Contact options include: normally open or normally closed.

The EPS-PB10-MS-12VDC housing is made out of malleable aluminum body with an aluminum cover, and is epoxy powder coated for a natural finish. This switch 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. The screws consist of stainless steel captive screws and attach the sealing chamber to cover and mounting enclosure.

Wiring: This explosion proof unit is offered in a dead end or feed through configuration. Hub size options include: 1/2" NPT or 3/4" NPT. Operators connect

to the switch via an internal terminal strip.

Mount: The EPS-PB10-MS-12VDC is compatible with surface mounting applications. There are two openings at the back of the device for installation.

Applications: Manufacturing, industrial, warehouse, lighting, motor-generator sets, compressors, wet areas or locations where combustible dusts, fibers or flying are present or where explosive gases or vapors may be present.

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)









Options:

EPS-PB10-MS-12VDC-Termination-Contacts-Button Color

Example: EPS-PB10-MS-12VDC-0.5-DE-NO-RED

| Termination | |
|-----------------|----------|
| 1/2IN DEAD END | -0.5-DE |
| 3/4IN DEAD END | -0.75-DE |
| 1/2IN FEED THRU | -0.5-FT |
| 3/4IN FEED THRU | -0.75-FT |

| Contacts | |
|-----------------|-----|
| NORMALLY OPEN | -NO |
| NORMALLY CLOSED | -NC |

| Button Color | |
|--------------|------|
| RED | -RED |
| GREEN | -GRN |
| BLACK | -BLK |

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 \(3D CAD Model\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [HigResPic9](#)
- [HigResPic10](#)
- [Video1](#)
- [Video2](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)