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

The EPS-PB10-GRN-SP0000 from Larson Electronics is an Explosion Proof Single Push Button 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 Divisions 1 and 2; and Class II Divisions 1 and 2. Device box sold separately.

Features: This hazardous area push button switch is factory sealed (including the pigtail leads), eliminating the need for adding sealing fittings and compound at each conduit entrance. This unit is rated for 10 amps at 600 V AC 60 Hz. The device supports operating temperatures between -20°C 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. 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.

On this device, the screws consist of stainless steel hex head screws and attach the device box (sold separately) 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.

Ratings: Class I Divisions 1 and 2 (Groups B, C and D), Class II Divisions 1 and 2 (Groups E, F and G) and Class III explosion proof ratings. The components are also NRTL certified to UL 894, UL 1203, and UL 698 standards, and support NEMA 3/7 ratings. The components are also NRTL certified to 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)

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Links (Click on the below items to view):

- ISO 9001 Certification

- Business Certificate