

EPCS-PL-1X-G

Explosion Proof Box Cover w/ Green LED Pilot Light - Class I, II, III - (2) 3/4" Hubs, FT - NEMA
Product ID: 271248



Image: EPCS-PL-1X-G

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.

EPCS-PL-1X-G Explosion Proof Indicator Box

Unit Type: Explosion Proof Box w/ Pilot Light

Box Depth: 4 11/32"

Weight: 2.7 lbs

Pilot Light Voltage: 120V AC, 50/60 Hz

LED Expected Lifespan: 50,000+ Hours

LED Pilot Light Color: Green

Nameplate Marking: Specify

Contact Blocks: 600V (Maximum)

Amps: 0.025A

Operating Temp: -20°C to +40°C

Material: Copper Free Aluminum

Mount: Surface, via (2) Mounting Holes or Conduit

Configuration: Feed Through

Hub Quantity: 2

Hub Size/Location: (1) 3/4" NPT @ North, (1) 3/4" NPT @ South

Ratings/Features

Listed for United States & Canada

Class I, Division 1&2 Group C,D

Class I, Zones 1&2 Groups IIB,IIA

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

Class III

NEMA 3, 7 (B,C,D), 9 (E, F, G)

Special Orders - Special Requirements

Contact us for special requirements

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The Larson Electronics EPCS-PL-1X-G Explosion Proof Box Cover w/ Green LED Pilot Light is recommended for use in Class I, II and III rated environments. Equipped with a green, LED pilot light, this NEMA-rated unit is constructed of copper-free cast aluminum alloy and contains two, 3/4" NPT hubs (feed-through configuration).

The EPCS-PL-1X-G is an explosion proof control indicator box for combustible sites. This unit contains a 120V AC 50/60 Hz, green LED pilot light with a clear lens. Nameplate marking must

be specified. Contact blocks are heavy-duty and rated 600V AC maximum. The explosion proof indicator station is constructed of copper-free cast aluminum alloy. The NEMA-rated unit is suitable for use in Class I, II and III rated flammable facilities and environments ranging between -20°C to +40°C.

LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.

LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.

Wiring: The EPCS-PL-1X-G is offered in a feed-through configuration and features two, 3/4" NPT hubs. One 3/4" NPT hub is located at the north side and one 3/4" NPT hub is located at the south side of the non-factory sealed unit (requires conduit seal fitting).

Mounting: This device contains two mounting holes at the upper left and lower right corner of the enclosure for surface mounting applications. Operators may also mount the explosion proof indicator box on conduits.

Suggested Applications: Paint spray booths, aircraft maintenance, oil drilling rigs, refineries, solvent and cleaning areas, gas processing plants, chemical manufacturing, waste water treatment plants, offshore applications and more.

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)

There are no Faqs