

EPCS-LPB-MS-R-XL-240V

Explosion Proof Illuminated Push Button - Class I, II, III - 240V - Momentary, Red Lens - Long Barrel - N4X

Product ID: 321960

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



Image: EPCS-LPB-MS-R-XL-240V

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-LPB-MS-R-XL-240V Explosion Proof Long, Illuminated Push Button - Red Lens

Listing: NRTL Listed for United States, Canada, Europe, International

Lamp Technology: LED

Dimensions: 6.7" x 1.8" x 1.8"

Weight: 0.45 lbs

Watts: 1.5W

Voltage: 220-250V AC

Frequency: 50/60 Hz

Poles: 2P

Push Button Type: Momentary, Illuminated

Light Color: Red

Contacts: (1) NO/(1) NC - 220-250V AC/DC LED

Thread Size: 1.57" (40mm) THD

Design: Long Barrel

Body Thread Size: 3/4"-14 NPSM Thread

Amps: 10A

Ambient Operating Temp Range: -

Materials: Aluminum w/ Stainless Steel Parts

Mounting: Panel or Surface

Wiring: Terminal Blocks

Ratings/Approvals

Class I, Divisions 1 & 2, Groups B, C, D
Zones 1&2/21&22

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

Class III, Divisions 1 & 2

ATEX/IECEX Rated

II 2 G Ex db IIC/IIB+H2Gb

II 2 D Ex tb IIIC Db

NEMA 4X

Special Orders - Special Requirements

Contact us for special requirements

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The EPCS-LPB-MS-R-XL-240V from Larson Electronics is an Explosion Proof Illuminated Push Button that offers system controls in combustible work sites. This long-barrel device operates on 220-250 volts and offers red output with momentary push button action. Designed for panel or surface mounting, the IP66 rated unit features one normally open and one normally closed contacts.

The EPCS-LPB-MS-R-XL-240V is suitable for Class I, II and III, as well as ATEX/IECEX rated facilities. This long unit operates with 220-250V AC at 10 amps. During use, the LED push button provides red output and momentary action. This NEMA 4X rated device features a 3/4"-14 NPSM threaded body with 1.57" (40mm) THD. Operators may access one normally open and one normally closed contacts. For protection in hazardous locations, the explosion proof push button with red lens is constructed of aluminum and stainless steel. The 2-pole unit features terminal blocks for wiring connections.

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.

Mounting: This unit is compatible with panel or surface mounting applications.

Applications: Chemical processing facilities, food processing plants, oil refineries, agricultural sites, grain storage facilities, metal processing 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.



Frequently Asked Questions (FAQ)

There are no Fags



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Export Control Classification Number (ECCN): EAR99

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