

EPCS-LPB-MS-R-XL-24V

Explosion Proof Illuminated Push Button - Class I, II III - Momentary, Red - 24V - NEMA

Product ID: 257577



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-24V Explosion Proof Illuminated Push Button

Listing: NRTL Listed for United States and Canada

Lamp Technology: LED

Dimensions: 5.24"-L x 1.45"-W x 1.83"-H

Weight: -

Voltage: 24V AC, 50/60Hz

Poles: 1P

Lumens: -

Operating Cycles: 10,000+ Operations

Push Button Type: Momentary, Illuminated

Light Color: Red

Contact Rating: NEMA A600 - 7200 VA (make), 720 VA (break), 10A cont. @ 600V AC (thermal); NEMA Q300 - 69 VA (make & break), 2.5A cont. @ 250V DC (thermal)

Contact Configuration: NO, NC or NO/NC

Amps: -

Ambient Operating Temp Range: -25C to 40C

Materials: Aluminum w/ Stainless Steel Parts

Ambient Operating Temp Range: -

Housing Material: Copper-free Aluminum (Strobe Lamp), Fiberglass (Horn)

Mounting: Panel

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

Ratings/Approvals

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

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

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

Class III, Divisions 1 & 2

NEMA 3, 4, 4X, 7 (B, C, D), 9 (E, F, G)

Special Orders - Special Requirements

Contact us for special requirements

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E-mail: sales@larsonelectronics.com

The EPCS-LPB-MS-R-XL-24V from Larson Electronics is an Explosion Proof Illuminated Push Button that is rated for Class I, Divisions 1 & 2, Groups B, C, D, Class II, Divisions 1 & 2, Groups E, F, G and Class III, Divisions 1 & 2 hazardous areas. This explosion proof device operates on 24 volts and is offered in several contact configurations.

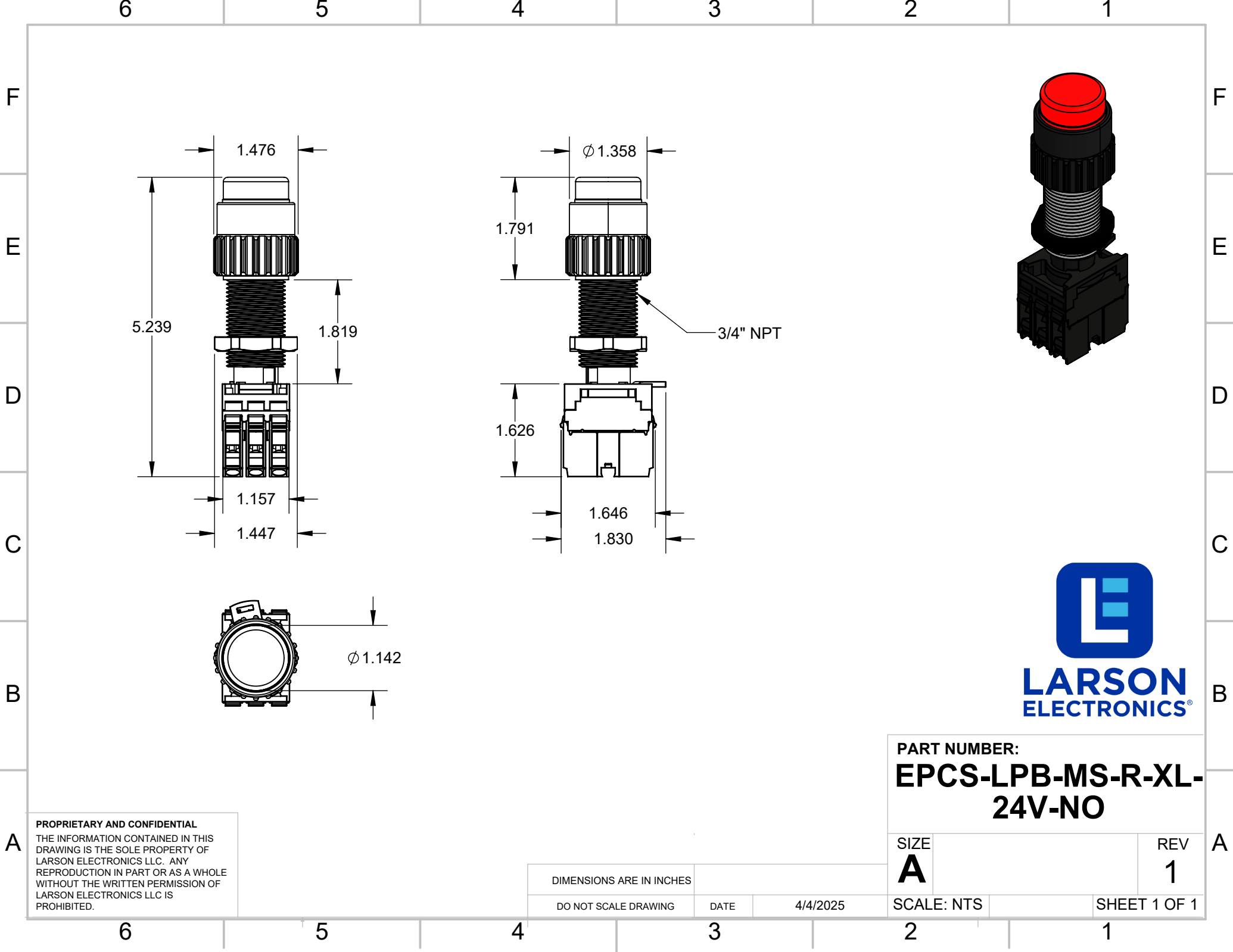
The EPCS-LPB-MS-R-XL-24V is a highly visible push button for use in combustible locations. This single-pole unit operates on 24 V AC and offers 10,000+ operating

cycles. The momentary push button emits a red light color during use. Contact configurations include: NO, NC or NO/NC. This device is made out of aluminum with stainless steel movable parts. Equipped with a 3/4"-14 NPSM threaded hub, the explosion proof unit is NEMA 3, 4, 4X, 7 (B, C, D), 9 (E, F, G) rated.

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.

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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DIMENSIONS ARE IN INCHES		DATE		4/4/2025	SCALE: NTS		SHEET 1 OF 1	
DO NOT SCALE DRAWING		DATE		4/4/2025	SCALE: NTS		SHEET 1 OF 1	

PART NUMBER:
**EPCS-LPB-MS-R-XL-
24V-NO**

SIZE
A

REV
1

Frequently Asked Questions (FAQ)