

EPS-2XPB-MS-M1-RB

Explosion Proof Push Button Switch - Class I, II - (2) Black/Red Push Buttons - Labels

Product ID: 277176

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



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.

EPS-2XPB-MS-M1-RB - C1D1 Explosion Proof Momentary Push Button Switch

Listing: NRTL Listed for United States, Canada

Dimensions: 5.1"-L x 5.875"-W x 5.25"-H

Weight: 5 lbs

Voltage Rating: 600 Volts Max

Current Rating: 10 Amps Max @ 600V

Switch Type: Momentary Push Buttons

No. of Switches: (1) Black, (1) Red

Contacts: Normally Open, Normally Closed or NO/Black and NC/Red

Switch Labels (Above Buttons): Vapor Cloud/Black, Fire/Red

Box Materials: Malleable Aluminum

Switch Cover Materials: Cast Copper Free Aluminum Alloy

Insulation: Integral Bushings in Conductor Openings

Mounting: External Mounting Lugs on Body

Configuration: Feed Thru or Dead End

Hubs: 1/2" NPT or 3/4" NPT

Ratings/Approvals

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

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

Class II, Division 2, Groups F & G

Class III, Divisions 1 & 2

NEMA 3

NEMA 7, Groups C, D

NEMA 9, Groups E, F, G

Special Orders - Special Requirements

Contact us for special requirements

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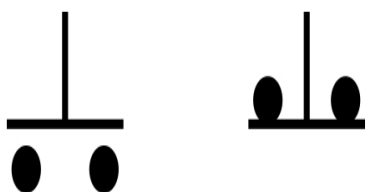
E-mail: sales@larsonelectronics.com

The Larson Electronics EPS-2XPB-MS-M1-RB Explosion Proof Push Button Switch is Class I, Division 1 & 2 and Class II, Division 1 & 2 rated for combustible sites. This device features one black and one red push button. Equipped with labels, this explosion proof switch can be used for manual starting and stopping of small AC and DC motors.

The EPS-2XPB-MS-M1-RB Explosion Proof Push Button Switch is built to be heavy

duty, and is rated for 10 amps at 600 volts. The switch is enclosed in a cast aluminum device box, and the device 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 hex head screws and attach the faceplate to the cover and mounting enclosure. The switches are supplied with an internal ground screw. This unit is normally open for black and normally closed for the red. Pressing the black button holds the circuit closed (completing) to turn the connected unit on. The red button holds a closed circuit, as holding the red button breaks the circuit when pressed (such as a kill switch to stop a motor). Available contact options include: normally open, normally closed or NO/black and NC/red. The following labels can be found above the push buttons: fire (red push button) and vapor cloud (black push button).

DIAGRAM



The EPS-2XPB-MS-M1-RB housing is made out of a malleable aluminum body with a cast copper free aluminum alloy cover, and is epoxy powder coated for a natural finish. This switch is NRTL certified to UL 698 and rated for Class I, Divisions 1 & 2 Groups C & D, Class I, Zones 1 & 2 Groups IIA, Class II, Divisions 1 & 2 Groups E, F & G, and Class III, Divisions 1 & 2. The device is available with either 1/2" or 3/4" hub sizes and in dead end or feed through configurations.

Applications: Hazardous locations, motors, industrial machines, industrial sites, oil and gas facilities, processing plants, agricultural sites, warehouses 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)

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Product ID: 277176

Export Control Classification Number (ECCN): EAR99

Options:

EPS-2XPB-MS-M1-RB-Hub Config-Termination-Contacts

Example: EPS-2XPB-MS-M1-RB-12-DE-NO

Hub Config	
1/2 HUB	-12
3/4 HUB	-34

Termination	
DEAD END	-DE
FEED-THRU	-FT

Contacts	
NORMALLY OPENED	-NO
NORMALLY CLOSED	-NC
NO BLACK / NC RED	-NO.B-NC.R

Links (Click on the below items to view):

- [HigResPic1](#)
- [ISO 9001 Certification](#)
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