

## EPS-PB10-MS-PB.B-MMH-2XC-M1

**Explosion Proof Momentary Push Button Stop/Start Switch - START Button - STOP Mushroom Head - C1D1&2 - C2D1&2**

**Product ID: 273403**

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



Image: EPS-PB10-MS-PB.B-MMH-2XC-M1

**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-PB10-MS-PB.B-MMH-2XC-M1 - C1D1 Explosion Proof Momentary Push Button Switch**

**Listing:** United States

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

**Weight:** 5 lb

**Voltage Rating:** 600 Volts Max

**Current Rating:** 6 Amps @ 120 V AC; 5 Amps @ 24 V DC

**Switch Type:** Momentary Push Button

**No. of Switches:** 2

**Switch Labels:** Start / Stop

**Illumination:** Not Illuminated

**No. of Circuits Controlled Per Button:** 2

**Switch Starting Position:** 1 Off (Normally Open) & 1 On (Normally Closed)

**Switch Action:** Springs Back (Momentary)

**No. of Terminals Per Button:** 4

**Materials:** Box: Malleable Aluminum / Switch Cover: Cast Copper Free Aluminum Alloy

**Insulation:** Integral Bushings in Conductor Openings

**Mounting:** External Mounting Lugs on Body

**Configuration:** Feed Thru / Dead End

**Hub:** 1/2" NPT or 3/4" NPT

### **Ratings/Approvals**

NRTL Listed for United States

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

**Toll Free:** 1-800-369-6671

**Intl:** 1-903-270-1187

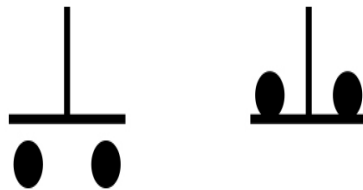
**E-mail:** [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com)

The EPS-PB10-MS-PB.B-MMH-2XC-M1 from Larson Electronics is an Explosion Proof Momentary Push Button/Mushroom Head Stop/Start Switch that is Class I, Divisions 1 & 2 and Class II, Divisions 1 & 2 rated for Hazardous locations and is NRTL certified to UL 698. This explosion proof switch provides manual starting and stopping of small AC and DC motors. The EPS-PB10-MS-PB.B-MMH-2XC-M1 is equipped with a black push button labeled START and a red mushroom head button labeled STOP.

The EPS-PB10-MS-PB.B-MMH-2XC-M1 Explosion Proof Momentary Stop/Start Push Button/Mushroom Head 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 cover and mounting enclosure. The switches are supplied with an internal ground screw.

Each button on this unit has two contact blocks. Each contact block has one normally open (NO) and one normally closed (NC) circuit.

## DIAGRAM



The EPS-PB10-MS-PB.B-MMH-2XC-M1 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 is 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.

**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](mailto: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

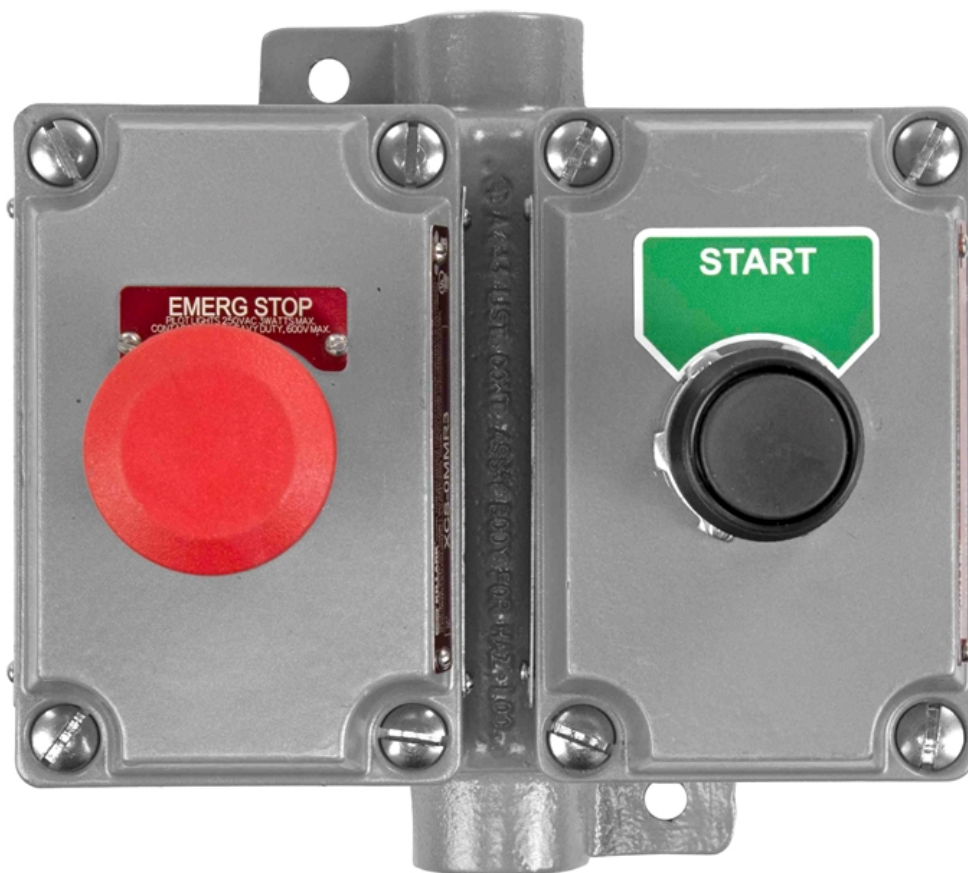


Image: EPS-PB10-MS-PB.B-MMH-2XC-M1

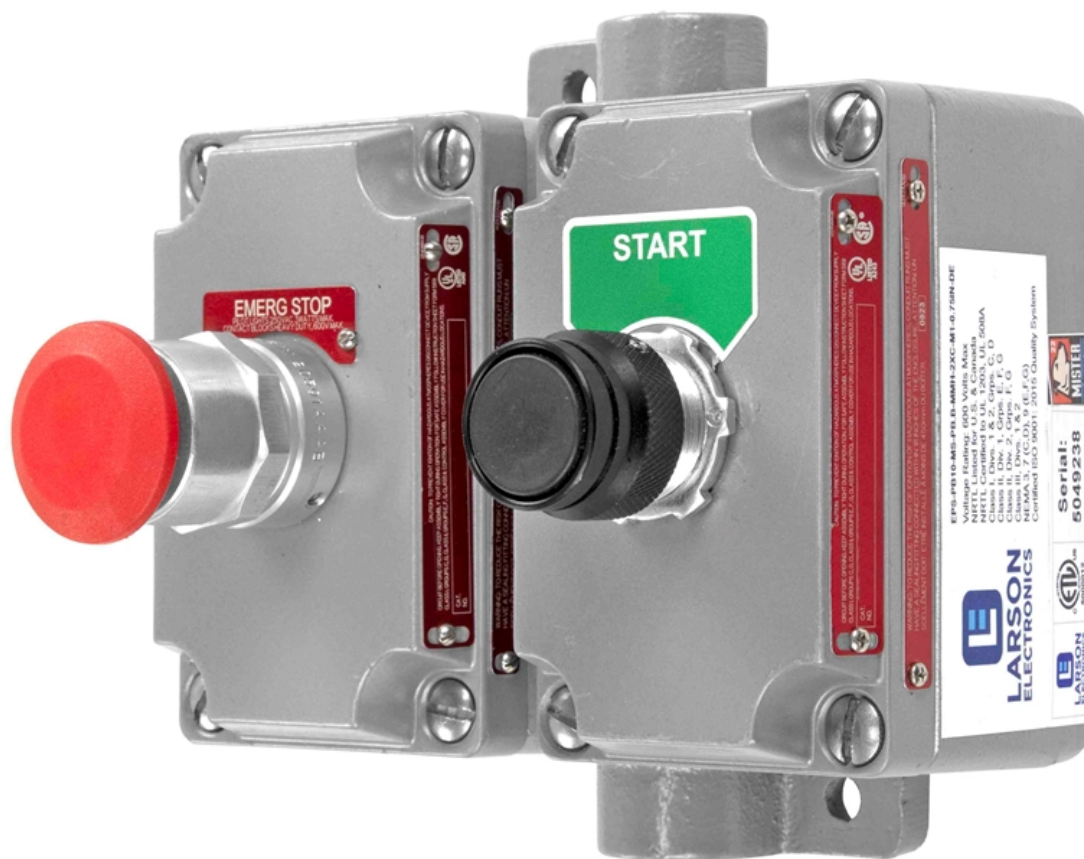


Image: EPS-PB10-MS-PB.B-MMH-2XC-M1



Image: EPS-PB10-MS-PB.B-MMH-2XC-M1

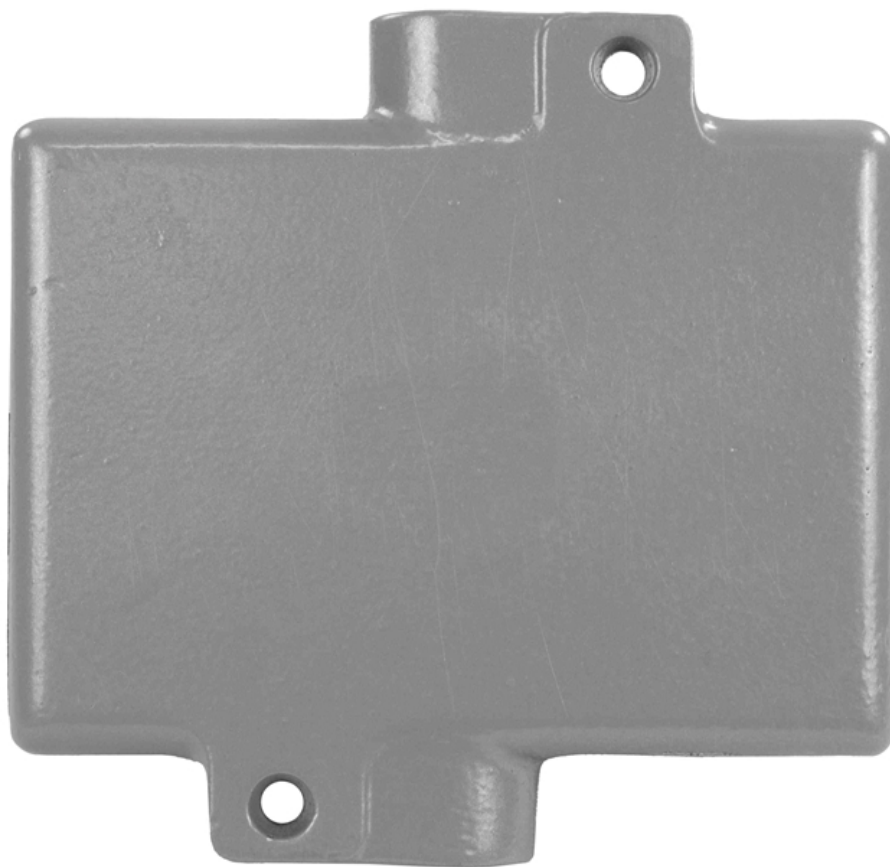


Image: EPS-PB10-MS-PB.B-MMH-2XC-M1

EPS-PB10-MS-PB.B-MMH-2XC-M1

Product ID: 273403

Export Control Classification Number (ECCN): EAR99

**Options:**

EPS-PB10-MS-PB.B-MMH-2XC-M1-**Hub Config**-**Termination**

**Example:** EPS-PB10-MS-PB.B-MMH-2XC-M1-0.5IN-DE

| Hub Config |         | Termination |     |
|------------|---------|-------------|-----|
| 1/2IN      | -0.5IN  | DEAD END    | -DE |
| 3/4IN      | -0.75IN | FEED-THRU   | -FT |



Links (Click on the below items to view):

- **Operations Manual**( <https://www.larsonelectronics.com/images/product/Manual/273403.PDF> )
- **Wiring Diagram**( <https://www.larsonelectronics.com/images/product/WiringDiagram/273403.PDF> )
- **HigResPic1**( <https://www.larsonelectronics.com/images/product/HigResPic1/273403.JPG> )
- **HigResPic2**( <https://www.larsonelectronics.com/images/product/HigResPic2/273403.JPG> )
- **HigResPic3**( <https://www.larsonelectronics.com/images/product/HigResPic3/273403.JPG> )
- **HigResPic4**( <https://www.larsonelectronics.com/images/product/HigResPic4/273403.JPG> )
- **HigResPic5**( <https://www.larsonelectronics.com/images/product/HigResPic5/273403.JPG> )
- **ISO 9001 Certification**( <http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF> )
- **Business Certificate**( <https://www.larsonelectronics.com/images/pdfdocs/w9.PDF> )
- **Shipping Time Map**( <https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf> )