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EPS-2XPB-PTM.5K-MOD1

Explosion Proof Switch w/ Potentiometer - C1D1, C2D1 - 1-5K Ohms - Rotary Dial - Double Gang Box - (2) NO & (2) NC Contacts

Product ID: 238090

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-PTM.5K-MOD1 Explosion Proof Push Button Switch w/ Pontentiometer

Unit Type: Explosion Proof Push Button Switch w/ Potentiometer
Dimensions: -
Weight: -
Switch Style: Momentary Push Button (Stop/Start)
Voltage: 120-277 V AC
Horsepower: 1 HP @ 120 V AC / 2 HP @ 250 V AC
Amp Rating: 10 A
Pontentiometer Resistance: 1-5K Ohms
Pontentiometer Dial Type: Rotary
Contacts: (1) NO & (1) NC [Green Button] , (1) NO & (1) NC [Red Button}
Materials: Non-sparking Aluminum
Termination Options: Dead End or Feed Thru
Hub Options: 1/2" or 3/4" NPT

Ratings/Approvals

Class I, Divisions 1 & 2, Groups C, D
Class II, Divisions 1 & 2, Groups E, F, G
Class III, Divisions 1 & 2
NEMA 7 (Groups C & D)
NEMA 9 (Groups E, F, G)
Certified to USA/Canadian Standards

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

The EPS-2XPB-PTM.5K-MOD1 from Larson Electronics is an Explosion Proof Push Button Switch with Potentiometer that is suitable for motor and electrical control in flammable work sites. The 10-amp device features a robust potentiometer with 1-5k Ohms resistance for up to 2 watts at 32V DC, which can be set using a rotary dial. This NEMA-rated

unit is constructed of non-sparking aluminum and takes on a double-gang box configuration. This unit has 4 contacts: (1) Normally Closed and (1) Normally Open on the start button, and (1) Normally Closed and (1) Normally Open on the stop button.

The EPS-2XPB-PTM.5K-MOD1 designed for use in Class I, Divisions 1 & 2; Class II, Divisions 1 & 2; and Class III, Divisions 1 & 2 facilities. Rated at 10 amps, this explosion proof unit accepts currents ranging between 120-277 V AC. The device features a pontentiometer with 1-5k Ohms resistance for up to 2 watts at 32 V DC. Operators can make adjustments to the instrument using a rotary dial. The unit has momentary stop/start push buttons which allows locking of the ON/OFF position. The stop and start push buttons both include (1) Normally Closed and (1) Normally Open contact, for a total of 4 contacts.

The EPS-2XPB-PTM.5K-MOD1 is constructed of non-sparking aluminum and is triple coated. The lever is connected to a threaded stainless steel shaft that passes through the faceplate. The entire unit is completely corrosion resistant and is NEMA rated.

Wiring/Mounting: Operators can completing wiring and mounting via a 1/2" or 3/4" NPT hub. Termination options include dead end or feed thru.

Suggested Applications: Hazardous locations, oil and gas sites, agricultural operations, grain storage, woodshops, motor control 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)

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EPS-2XPB-PTM.5K-MOD1

Product ID: 238090

Export Control Classification Number (ECCN): EAR99

Options:

EPS-2XPB-PTM.5K-MOD1-Hub Config-Termination

Example: EPS-2XPB-PTM.5K-MOD1-0.5IN-FT

Hub Config	
1/2 INCH	-0.5IN
3/4 INCH	-0.75IN

Termination	
FEED-THRU	-FT
DEAD-END	-DE

Links (Click on the below items to view):

- **Operations Manual**
- **Wiring Diagram (Oneline)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**