

EPS-2XPB-SG-AT-V3

Explosion Proof Push Button Timer - C1D1/C2D1 - Adjustable Timer, 10 Sec to 170 Minutes - (2) PBs

Product ID: 268651

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



Image: EPS-2XPB-SG-AT-V3

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-SG-AT-V3 Explosion Proof Push Button Switch

Listing: NRTL Listed for United States and Canada

Unit Type: Explosion Proof Push Button Momentary Switch

Dimensions: -

Weight: -

Voltage: 100-240V AC/DC 50/60 Hz

Rated Amps: 10A

Timer Range: 10 Seconds to 170 Minutes in 10 Second Increments

Repeat Accuracy: $\pm 0.5\%$ or 20ms, Whichever is Greater

Setting Accuracy: $\pm 2\%$ or 20ms, Whichever is Greater

Reset Time: = 150ms

Controls: (1) Green Push Button- Start Timer, (1) Red Push Button- Stop Timer

Materials: Malleable Aluminum Body w/ Aluminum Cover

Mounting: Surface

Hub Configurations: Dead End or Feed Thru

Hub Size Options: 1/2" or 3/4" NPT hubs

Features/Ratings

Class I, Divisions 1 & 2 Groups C & D

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

Class III

NEMA 7 (C,D) and 9 (E,F,G)

Solid-state, Encapsulated Timer

External sealing required within 18"

Special Orders - Special Requirements

Contact us for special requirements

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E-mail: sales@larsonelectronics.com

Made in the USA

The Larson Electronics EPS-2XPB-SG-AT-V3 Explosion Proof Push Button Timer is ideal for controlling motors and devices in hazardous locations. This unit comes with an adjustable time delay relay, at a range of 10 seconds - 170 minutes in 10 second increments. Constructed of malleable aluminum, this Class I, Division 1 & 2 and Class II, Division 1 & 2 rated switch features various hub size and termination options.

The EPS-2XPB-SG-AT-V3 offers adjusted timing control of motors in hazardous locations. This explosion proof switch is designed to operate with 100-240V AC/DC 50/60 Hz and comes with a 10-amp rating. The unit requires sealing fittings and compound within 18 inches of conduit entrances. A solid-state, encapsulated time delay relay can be found inside the switch, which offers an adjustable timer range of 10 seconds to 170 minutes. When the button is engaged, the circuit stays closed, keeping the connected motor or device running for the set duration (between 10 seconds - 170 minutes in 1 second increments). The timer component features a repeating accuracy value of +/- 0.5% and a setting accuracy value of +/- 2%. Controls for the explosion proof timer includes: (1) green push button - start timer and (1) red push button - stop timer early before set time.

The explosion proof device is constructed of malleable aluminum with an aluminum cover and an epoxy powder coated finish. The switch is enclosed in a separate sealing chamber and the sealing chamber has smooth, double flanges that mate both to the cover and the mounting enclosure to provide flame tight joints. Operators connect to the switch via an internal terminal strip. The screws consist of stainless steel captive screws and attach the sealing chamber to the cover and mounting enclosure. This unit is offered in dead end or feed thru configurations, with 1/2" or 3/4" NPT hubs.

Applications: Petroleum refineries, chemical and petrochemical plants, paint spray booths, food manufacturing buildings, motor control, agricultural sites, wood shops, metal processing and more.

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Frequently Asked Questions (FAQ)

There are no Fags



Image: EPS-2XPB-SG-AT-V3



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EPS-2XPB-SG-AT-V3

Product ID: 268651

Export Control Classification Number (ECCN): EAR99

Options:

EPS-2XPB-SG-AT-V3-Termination-Voltage

Example: EPS-2XPB-SG-AT-V3-0.5-DE-120V

Termination		Voltage	
1/2IN DEAD END	-0.5-DE	120V	-120V
3/4IN DEAD END	-0.75-DE	240V	-240V
1/2IN FEED THRU	-0.5-FT		
3/4IN FEED THRU	-0.75-FT		

Links (Click on the below items to view):

- **Operations Manual**(<https://www.larsonelectronics.com/images/product/Manual/268651.PDF>)
- **Wiring Diagram**(<https://www.larsonelectronics.com/images/product/WiringDiagram/268651.PDF>)
- **HigResPic1**(<https://www.larsonelectronics.com/images/product/HigResPic1/268651.JPG>)
- **HigResPic2**(<https://www.larsonelectronics.com/images/product/HigResPic2/268651.JPG>)
- **HigResPic3**(<https://www.larsonelectronics.com/images/product/HigResPic3/268651.JPG>)
- **HigResPic4**(<https://www.larsonelectronics.com/images/product/HigResPic4/268651.JPG>)
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- **HigResPic6**(<https://www.larsonelectronics.com/images/product/HigResPic6/268651.JPG>)
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- **HigResPic10**(<https://www.larsonelectronics.com/images/product/HigResPic10/268651.JPG>)
- **Video1**(https://www.youtube.com/watch?v=NjKa_n8W6p0)
- **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>)