

EPS-2XPB-SG-PL-24V

Explosion Proof Push Button Stop/Start Switch - C1D1, C2D1 - Pilot Light - 24V DC

Product ID: 282246

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-SG-PL-24V - C1D1 Explosion Proof Push Button Switch

Listing: United States

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

Weight: 5 lb

Voltage Rating: 24 V DC

Switch Type: Push Button

Push Button Amp Ratings: 10 A @ 24 V DC; 2.5A @ 24 V DC

Pilot Light Amperage: 0.5 A @ 24 V

No. of Switches: 2

Switch Labels: Start / Stop

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

Insulation: Integral Bushings in Conductor Openings

Mounting: External Mounting Lugs on Body

Configuration: Dead End

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

Pilot Light Color Options: Red, Green, Blue, Amber, or White

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

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E-mail: sales@larsonelectronics.com

The EPS-2XPB-SG-PL-24V from Larson Electronics is an Explosion Proof Push Button Stop/Start Switch that is Class I, Divisions 1 & 2 and Class II, Divisions 1 & 2 rated for Hazardous locations and NRTL certified to UL 698 standards. This explosion proof switch operates on 24 V DC and provides manual starting and stopping of small AC and DC motors. This unit comes in a dead-end configuration and with a pilot light, which is offered in the following colors: red, green, blue, amber, or white.

The EPS-2XPB-SG-PL-24V Explosion Proof Stop/Start Push Button Switch is built

to be heavy duty and operates on 24 V DC. 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 side rocker arm push button has lockout holes, and the switches are supplied with an internal ground screw.

A pilot light at the top of the unit notifies the operator about the status of the explosion proof push button switch. Pilot light color options include the following: red, green, blue, amber, or white. The EPS-2XPB-SG-PL-24V is offered in a dead-end configuration.

This unit is normally open for green and normally closed for the red. Pressing the green button holds the circuit closed (completing) to turn the connected unit on. The red holds a closed circuit, as holding the red button breaks the circuit when pressed (such as a kill switch to stop a motor). The unit features one NO and one NC contact configuration.

DIAGRAM



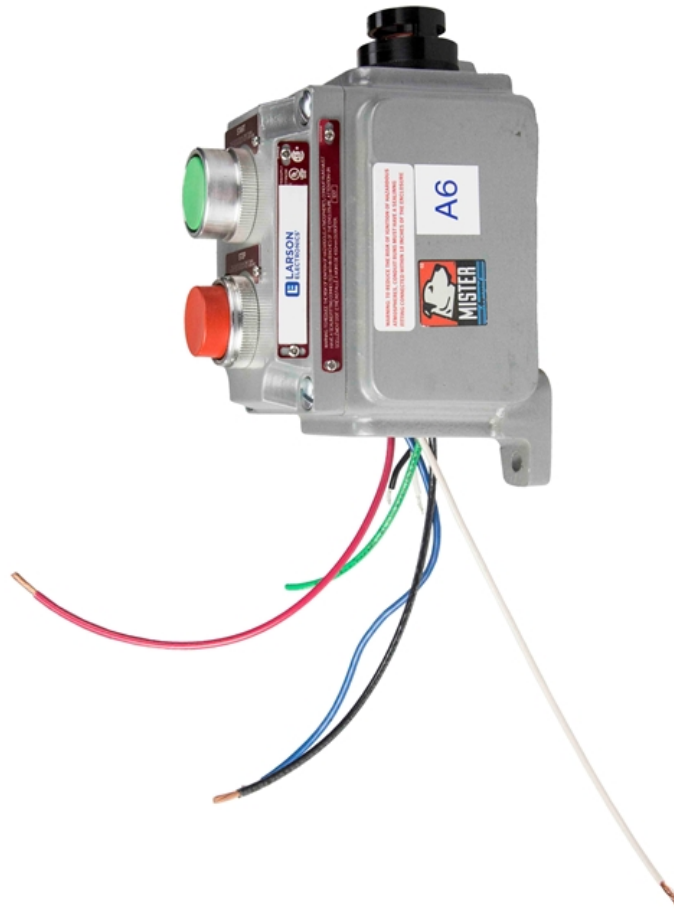
[Click Photo to Enlarge](#)

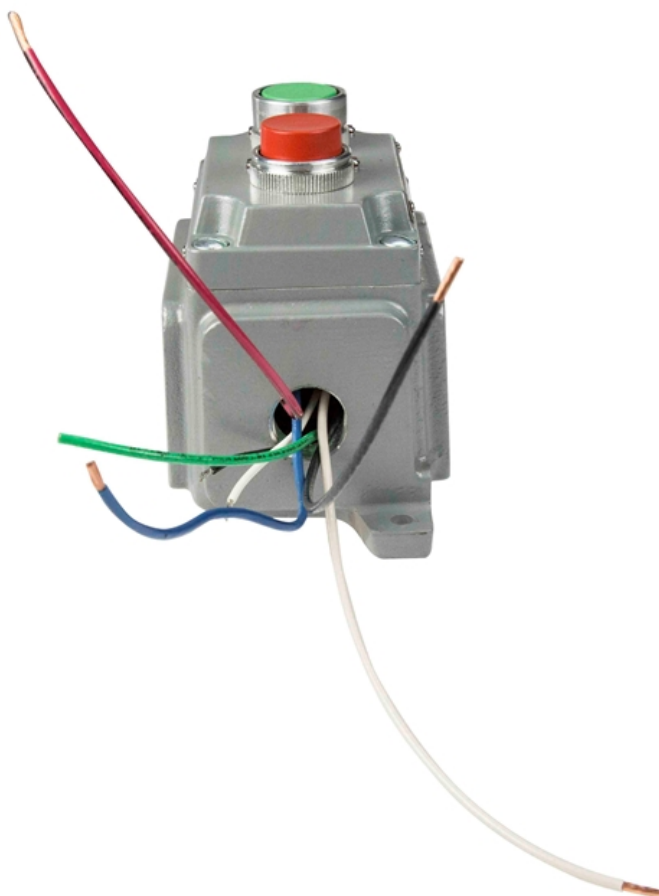
The EPS-2XPB-SG-PL-24V housing is made out of a malleable aluminum body with a cast copper free aluminum alloy cover, and is epoxy powder coated for a natural finish. This switch is in NRTL compliance with UL 698 and is rated for Class I Divisions 1 & 2 Groups C & D, Class I Zones 1 & 2 Groups IIA, Class II Divisions 1 & 2 Groups E, F & G, and Class III Divisions 1 & 2.

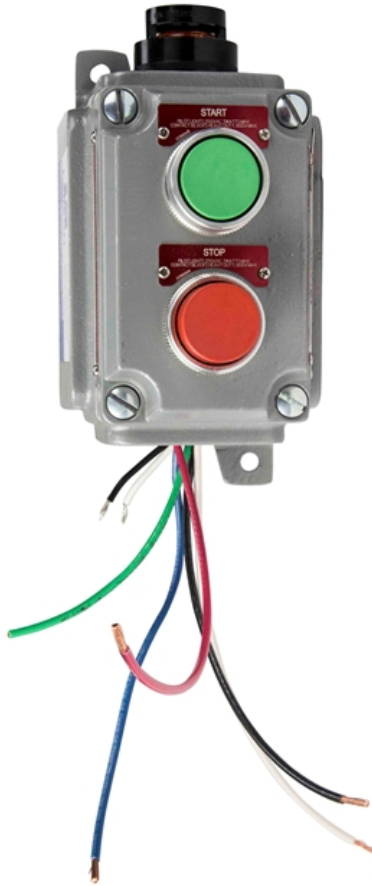
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Frequently Asked Questions (FAQ)









EPS-2XPB-SG-PL-24V

Product ID: 282246

Export Control Classification Number (ECCN): EAR99

Options:

EPS-2XPB-SG-PL-24V-Hub Config-Lamp Color

Example: EPS-2XPB-SG-PL-24V-0.5IN-RED

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

Lamp Color	
RED	-RED
GREEN	-GRN
BLUE	-BLU
AMBER	-AMB
WHITE	-WHT

Links (Click on the below items to view):

- [Wiring Diagram](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)