

EPS-2XPB-SG-PL-24V

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

Product ID: 282246



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

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

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

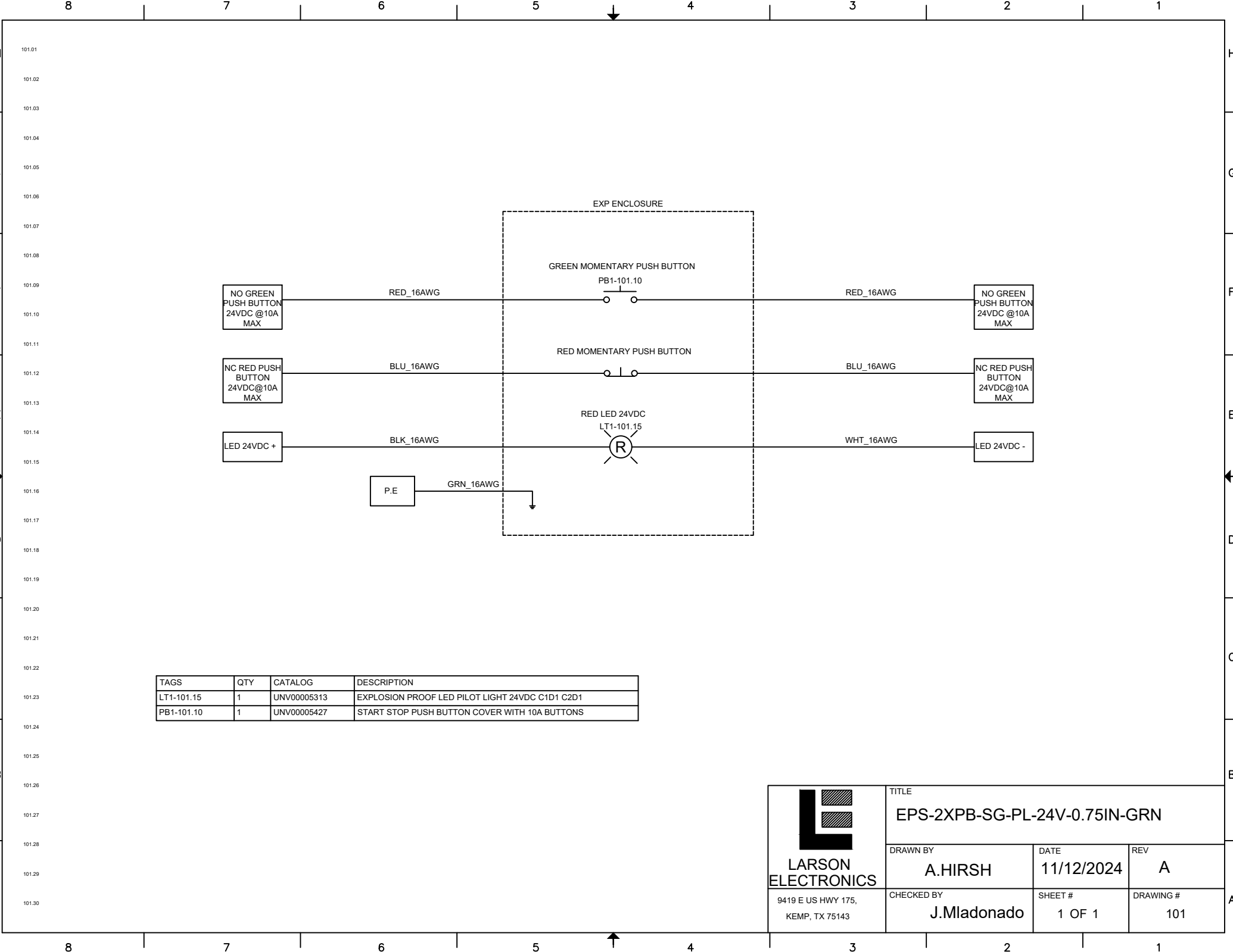


[Click Photo to Enlarge](#)

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.

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.

8	7	6	5	4	3	2	1
REV	DESCRIPTION						DATE
A	PRODUCTION RELEASE						11/12/2024
EPS-2XPB-SG-PL-24V-0.75IN-GRN							
							
8	7	6	5	4	3	2	1



TAGS	QTY	CATALOG	DESCRIPTION
LT1-101.15	1	UNV00005313	EXPLOSION PROOF LED PILOT LIGHT 24VDC C1D1 C2D1
PB1-101.10	1	UNV00005427	START STOP PUSH BUTTON COVER WITH 10A BUTTONS

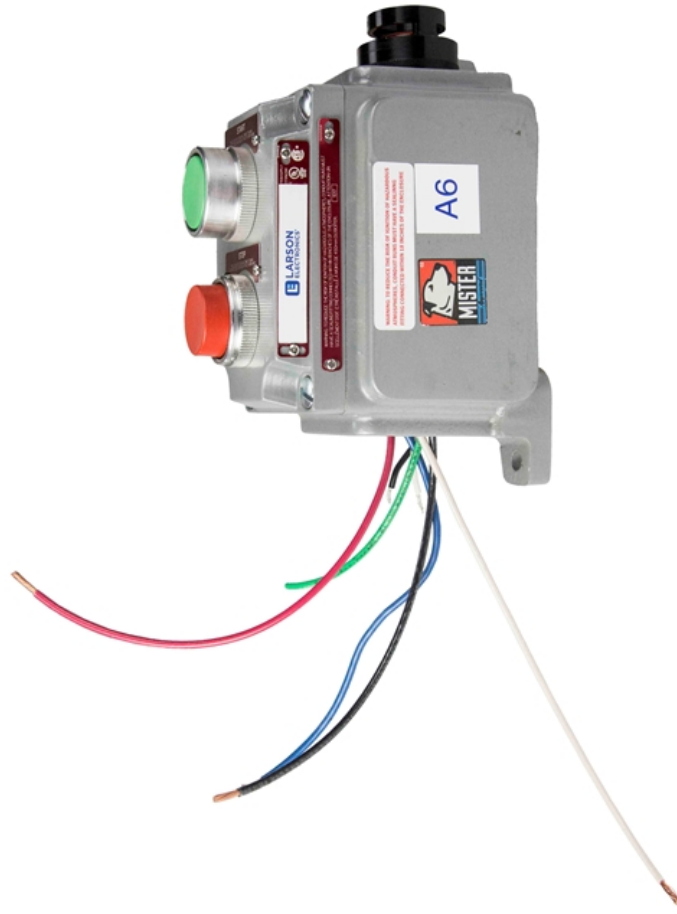


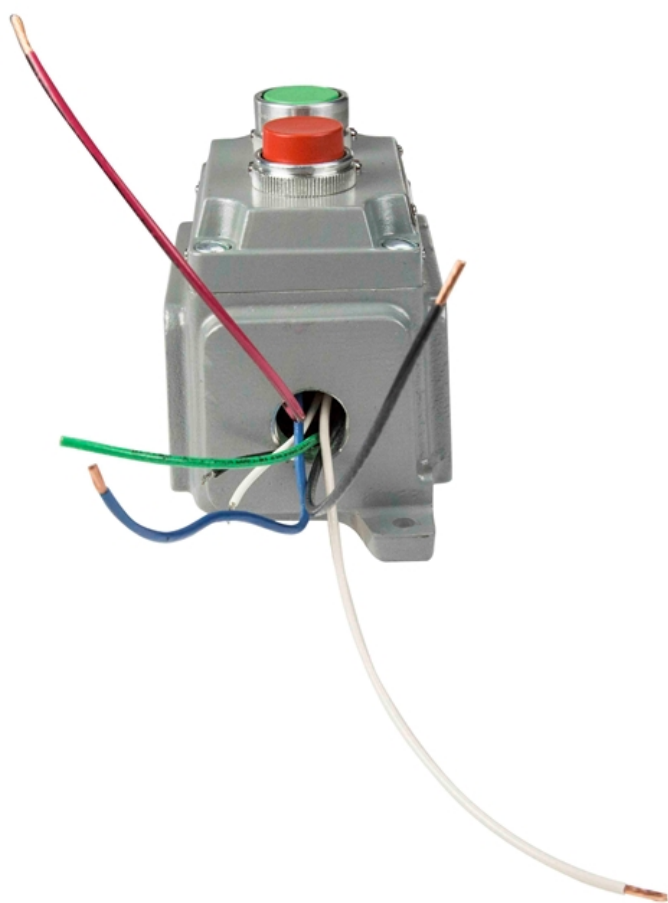
**LARSON
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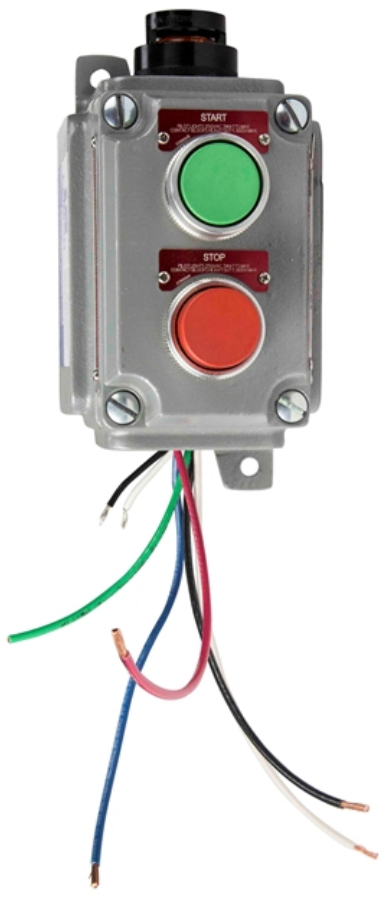
9419 E US HWY 175,
KEMP, TX 75143

TITLE EPS-2XPB-SG-PL-24V-0.75IN-GRN		
DRAWN BY A.HIRSH	DATE 11/12/2024	REV A
CHECKED BY J.Mladonado	SHEET # 1 OF 1	DRAWING # 101









Frequently Asked Questions (FAQ)