Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

EPS-2XPB-PTM.10K-MOD1

Explosion Proof Switch w/ Potentiometer - C1D1, C2D1 - 1-10K Ohms - Rotary Dial - Double Gang Box - (2) NO & (2) NC Contacts

Product ID: 237950



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.10K-MOD1 1 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: 120-277V AC
Horsepower: 1HP @ 120VAC / 2HP @ 250VAC
Amp Rating: 10A
Pontentiometer Resistance: 1-10K 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, Division 1&2, Groups C,D
Class II, Division 1&2, Groups E,F,G
Class III, Division 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 Larson Electronics EPS-2XPB-PTM.10K-MOD1 Explosion Proof Push Button Switch with Potentiometer is suitable for motor and electrical control in flammable work sites. The 10-amp device features a robust potentiometer with 1-10k 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

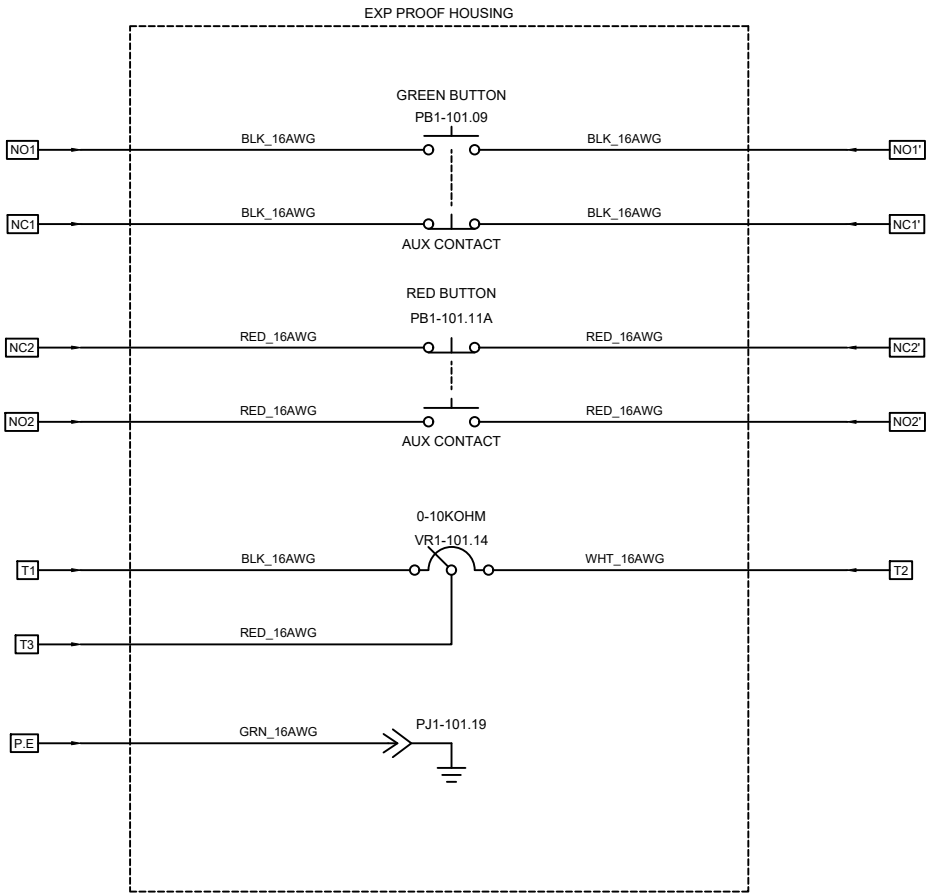
stop button.
The EPS-2XPB-PTM.10K-MOD1 designed for use in Class I, Divisions 1 & 2; Class II, Divisions 1 & 2; and Class III, Divisions 1 & 2 facilities. Rated at 10 amps, this explosion proof unit accepts currents ranging between 120-277V AC. The device features a pontentiometer with 1-10k Ohms resistance for up to 2 watts at 32V 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.10K-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.

REV	DESCRIPTION	DATE
A	PRODUCTION RELEASE	10/13/2020

EPS-2XPB-PTM.10K-MOD1-0.75IN-DE

LARSON ELECTRONICS®

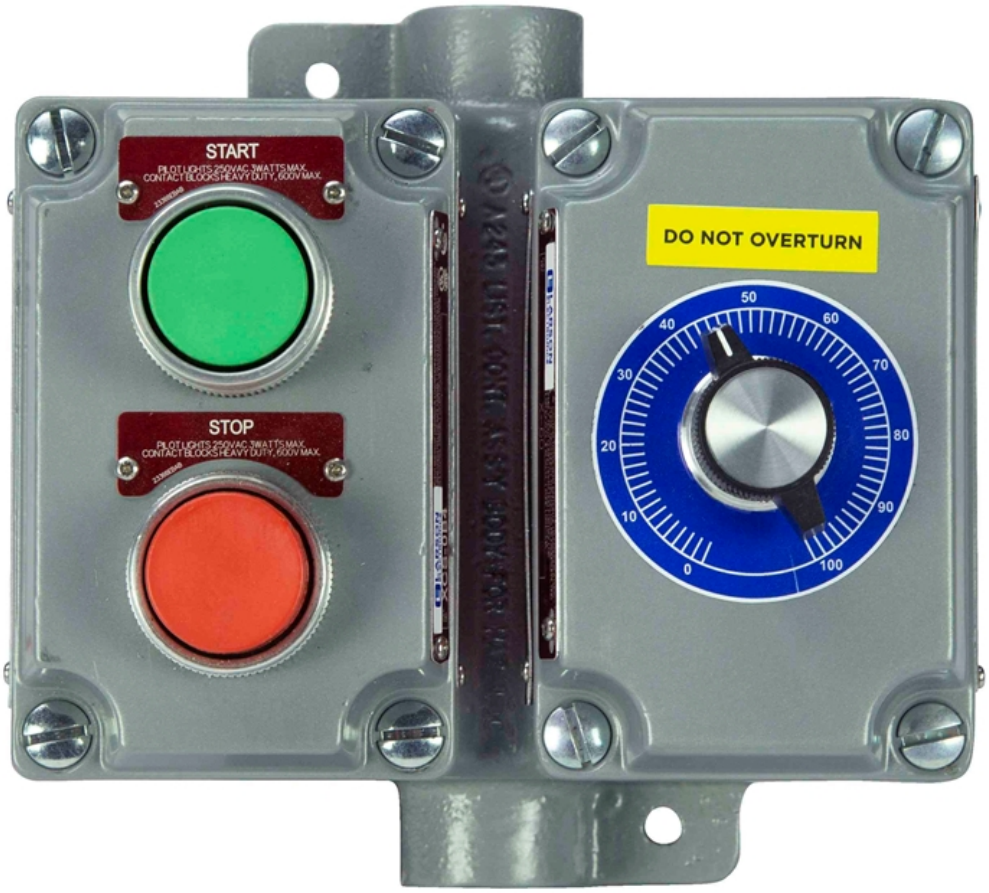


TAGS	QTY	CATALOG	DESCRIPTION
PJ1-101.19	1	UNV00008177	BLUE RING TERMINAL -SMALL
PB1-101.08 PB1-101.12	2	UNV00005311	AUX CONTACTS 1NO/NC 10A AT 600V
PB1-101.09	1	UNV00005427	START STOP PUSH BUTTON COVER WITH 10A BUTTONS
VR1-101.14	1	UNV00001284	0-10K Ohm Potentiometer

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

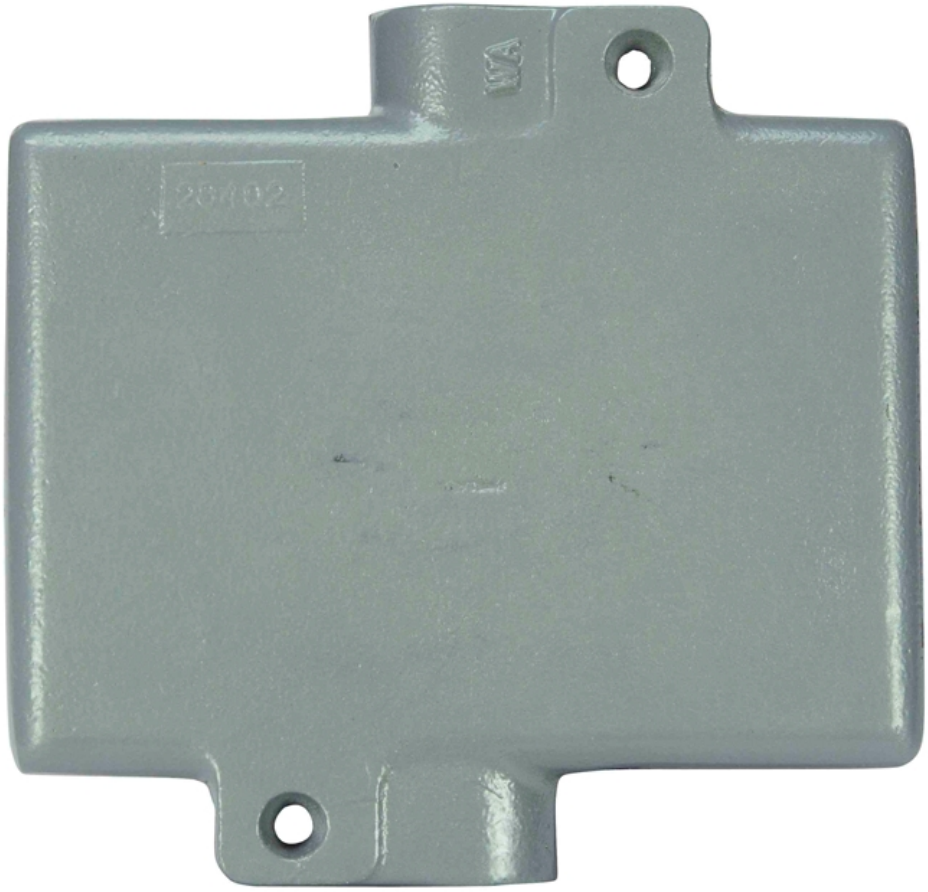
TITLE: EPS-2XPB-PTM.10K-MOD1-0.75IN-DE

DRAWN BY	DATE	REV
S.DESAI	10-13-2020	A
CHECKED BY	SHEET #	DRAWING #
P.CRYER	1 OF 1	101


START
PILOT LIGHTS 250VAC 1WATTS MAX.
CONTACT BLOCKS HEAVY DUTY, 600V MAX.
STOP
PILOT LIGHTS 250VAC 1WATTS MAX.
CONTACT BLOCKS HEAVY DUTY, 600V MAX.
DO NOT OVERTURN
0
10
20
30
40
50
60
70
80
90
100


START
STOP
DO NOT OVERTURN
XCS-0B4
0
10
20
30
50
60
70
80
90
100


CAUTION: THIS DEVICE IS CERTIFIED ONLY WHEN MOUNTED ON SUBMITTOR'S SERIES SWB BOXES
ATTENTION: LA CERTIFICATION DE CE DISPOSITIF N'EST VALABLE QUE S'IL EST INSTALLÉ SUR
UNE BOÎTE PORTANT LE N° DE SÉRIE SWB. OUVRIR LE CIRCUIT AVANT D'ENLEVER LE COUVERCLE.
GARDER LE COUVERCLE BIEN FERMÉ LORSQUE LES CIRCUITS SONT SOUS TENSION.
LARSON
ELECTRONICS
EPS-2XPB-PTM.10K-0.75IN-FT
Voltage: 120-277V AC
Horsepower: 1HP @ 120VAC / 2HP @ 250VAC
Amp Rating: 20A
Pontentiometer Resistance: 1-10K Ohms
Pontentiometer Dial Type: Rotary
Listed for United States & Canada
Class I, Div. 1 & 2, Groups C,D
Class I, Zones 1 & 2, Groups IIB, IIA
Class II, Div. 1 & 2, Groups E, F, G
Class III, Div. 1 & 2
NEMA 3, 7(C,D) 9(E,F,G)
Certified ISO 9001:2015 Quality System
LARSONELECTRONICS.COM
1-800-369-6671
sales@larsonelectronics.com


VA
20702

Frequently Asked Questions (FAQ)