

EPCS-2XPB.MS-24V-PTM.20K

Explosion Proof Variable Frequency Drive Remote Control Station - C1D1/C2D1 - 20K Ohms - (2) PBs

Product ID: 275478



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.

EPCS-2XPB.MS-24V-PTM.20K Explosion Proof VFD Control Station

Unit Type: Variable Frequency Drive Remote Control Station

Dimensions: -

Weight: -

Pushbuttons: (2) 24V Momentary, Red (Stop), Green (Start)

Rotary Dial: 0-10V Input - Speed Control

Speed Control: 20k ohms Potentiometer, 0.5W

Materials: Non-sparking Aluminum

Mounting: Surface Mount

Hubs: (1) 3/4" or 1/2" NPT

Ratings

Class I, Division 1&2 Groups C,D

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

Class III

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

Certified to USA/Canadian Standards

Special Orders - Special Requirements

Contact us for special requirements

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The EPCS-2XPB.MS-24V-PTM.20K from Larson Electronics is an Explosion Proof Variable Frequency Drive Remote Control Station for Class I, II and III rated work sites. This explosion proof unit features push buttons for activation and a rotary dial for speed control of the connected VFD. Constructed from non-sparking aluminum, this remote control station contains one 3/4" or 1/2" NPT hub for completing input/output connections.

The EPCS-2XPB.MS-24V-PTM.20K is designed to facilitate remote control for variable frequency drives in flammable environments. This explosion proof unit contains two, 24V push button switches in a momentary configuration (red/stop,

green/start). Operators may also access a rotary dial for speed control, which features 0-10V input. Speed control is provided by a 20k ohms potentiometer. This explosion proof remote control box requires connection to the start, stop and speed control signals of the VFD.

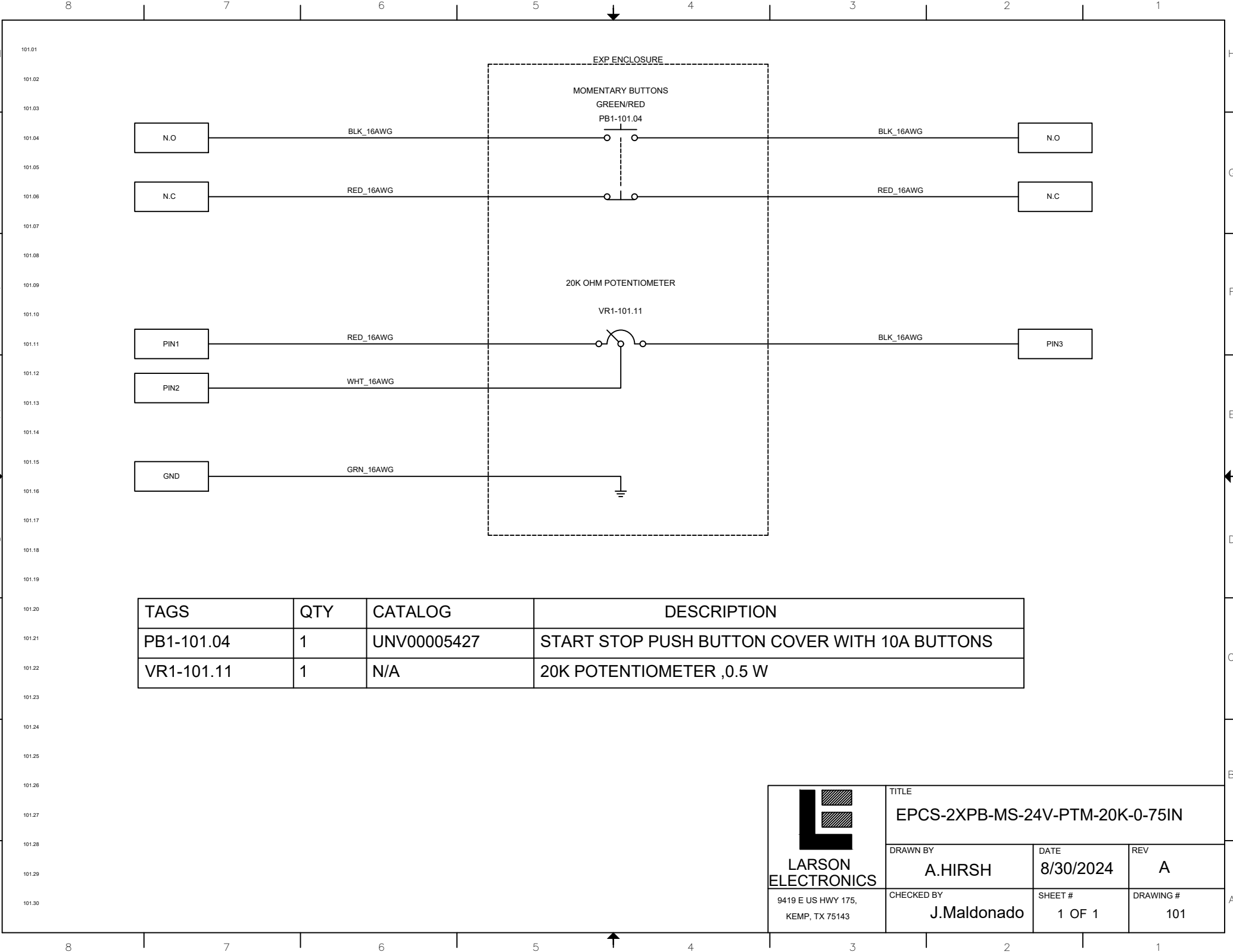
Constructed of non-sparking aluminum, the NEMA-rated unit is weatherproof. The EPCS-2XPB.MS-24V-PTM.20K offers superior corrosion resistance and is suitable for Class I, II and III rated combustible sites.

Wiring/Mounting: Operators can completing wiring connections and mounting on surfaces, walls or conduits via a 1/2" or 3/4" NPT hub.

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.

8	7	6	5	4	3	2	1
REV	DESCRIPTION						DATE
A	PRODUCTION RELEASE						8/30/2024
EPCS-2XPB.MS-24V-PTM.20K-0.75IN							
							
8	7	6	5	4	3	2	1



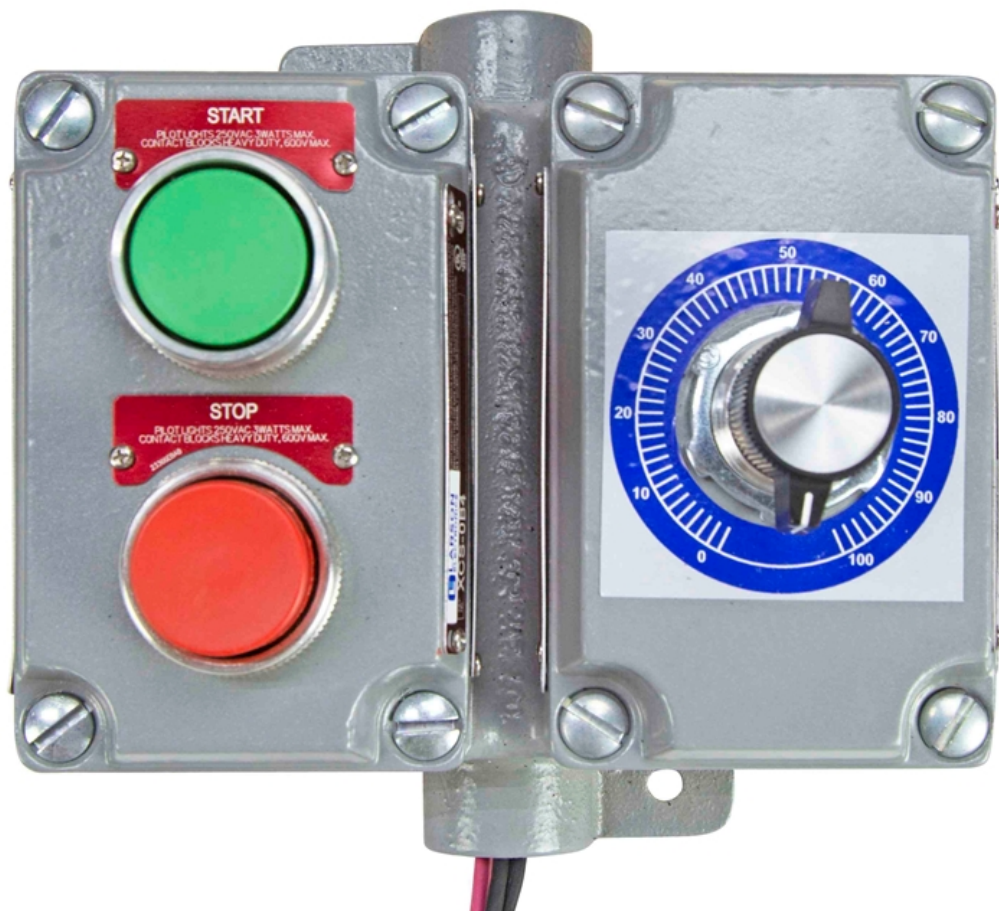
TAGS	QTY	CATALOG	DESCRIPTION
PB1-101.04	1	UNV00005427	START STOP PUSH BUTTON COVER WITH 10A BUTTONS
VR1-101.11	1	N/A	20K POTENTIOMETER ,0.5 W



LARSON
ELECTRONICS

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KEMP, TX 75143

TITLE EPCS-2XPB-MS-24V-PTM-20K-0-75IN		
DRAWN BY A.HIRSH	DATE 8/30/2024	REV A
CHECKED BY J.Maldonado	SHEET # 1 OF 1	DRAWING # 101







Frequently Asked Questions (FAQ)