

EPCS-2XPB.MS-24V-PTM.5K

Explosion Proof Variable Frequency Drive Remote Control Station - C1D1/C2D1 - 5K Ohms - (2) PBs

Product ID: 291140

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



Image: EPCS-2XPB.MS-24V-PTM.5K

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.5K Explosion Proof VFD Control Station

Unit Type: Variable Frequency Drive Remote Control Station

Dimensions: 6.326"-H x 6.601"-W x 4.026"-D

Weight: -

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

Rotary Dial: 0-10V Input - Speed Control

Speed Control: 5k ohm Potentiometer, 0.5W

Materials: Non-sparking Aluminum

Mounting: Surface Mount

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

Ratings

Class I, Divisions 1 & 2 Groups C,D

Class II, Divisions 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.5K 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.5K 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 0-10 V input. Speed control is provided by a 5k ohm 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.5K 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.

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Frequently Asked Questions (FAQ)

There are no Fags

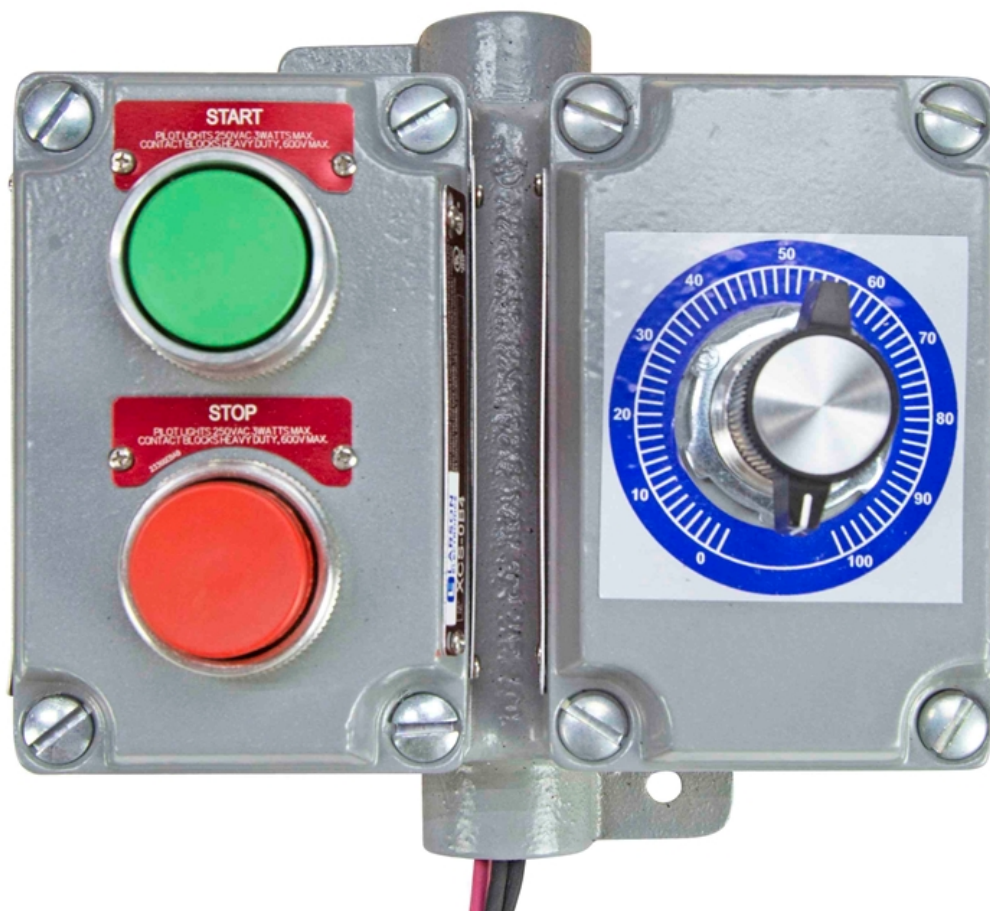


Image: EPCS-2XPB.MS-24V-PTM.5K

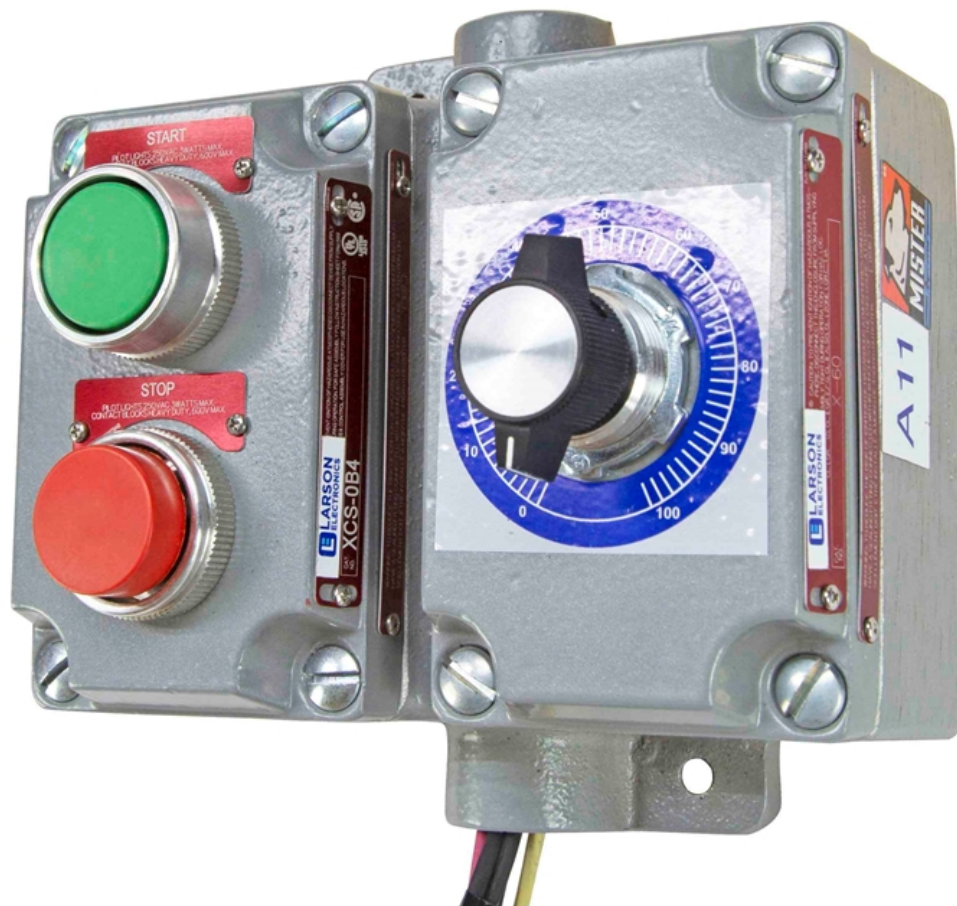


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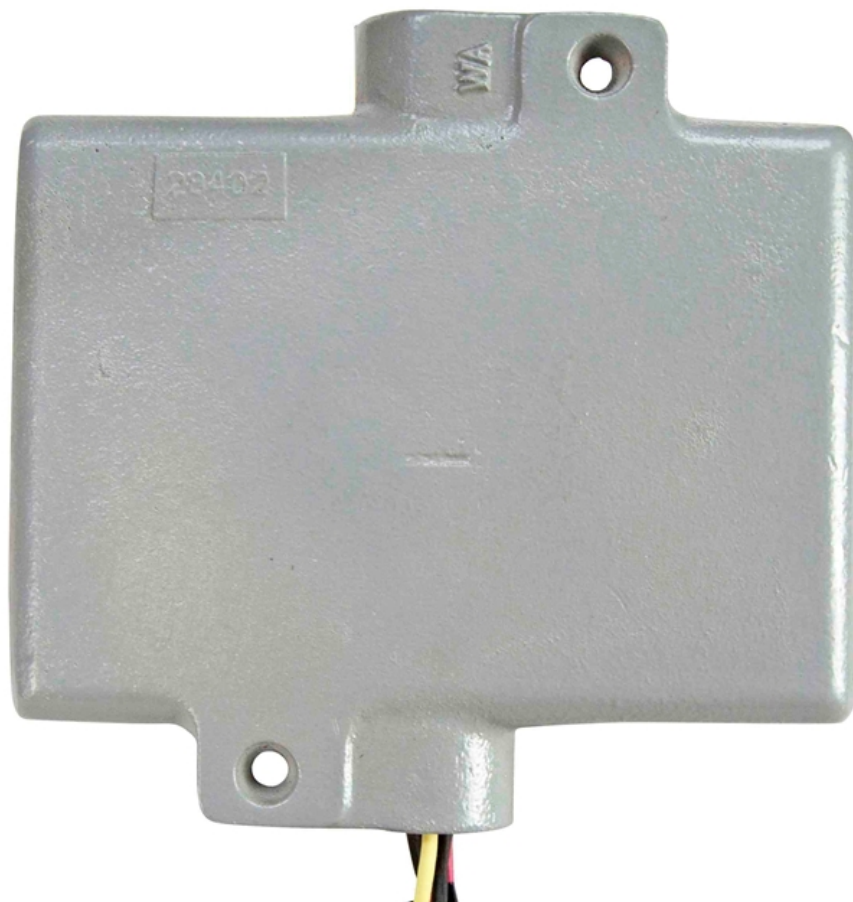


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Export Control Classification Number (ECCN): EAR99

Options:

EPCS-2XPB.MS-24V-PTM.5K-[Hub Config](#)

Example: EPCS-2XPB.MS-24V-PTM.5K-0.5IN

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



Links (Click on the below items to view):

- **Dimensional Drawing 2D** (<https://www.larsonelectronics.com/images/product/DimensionalDrawing/291140.PDF>)
- **Operations Manual** (<https://www.larsonelectronics.com/images/product/Manual/291140.PDF>)
- **STEP File (3D CAD Model)** (<https://www.larsonelectronics.com/images/product/Step/291140.ZIP>)
- **Wiring Diagram** (<https://www.larsonelectronics.com/images/product/WiringDiagram/291140.PDF>)
- **HigResPic1** (<https://www.larsonelectronics.com/images/product/HigResPic1/291140.JPG>)
- **HigResPic2** (<https://www.larsonelectronics.com/images/product/HigResPic2/291140.JPG>)
- **HigResPic3** (<https://www.larsonelectronics.com/images/product/HigResPic3/291140.JPG>)
- **HigResPic4** (<https://www.larsonelectronics.com/images/product/HigResPic4/291140.JPG>)
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