

**Explosion Proof Motor Control Station - Class I, II, III - 5 HP Polyphase - (3) Pilot Lights - IP66**

Part #: EPCS-MTS-3P-5HP-480V-PB.RG-3XPL



The Larson Electronics EPCS-MTS-3P-5HP-480V-PB.RG-3XPL Explosion Proof Motor Control Station is designed for use in Class I, II and III rated combustible sites. This 3-pole device contains three pilot lights and features start/stop momentary push buttons. Suitable for wet locations, the IP66-rated unit provides operators with general motor control protection, motor overload and under-voltage protection.

**\*PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO EXPLOSION PROOF ENCLOSURES\***

The EPCS-MTS-3P-5HP-480V-PB.RG-3XPL is made of corrosion-resistant cast copper-free aluminum and features a semi-clamshell design with an external flanged ground joint between the body and cover to make interior components easily accessible. A motor operating starting handle is located on the right side wall of the enclosure. Equipped with an IP66 rating, the control station is offered in the following coil and lamp voltages: 120V AC, 230V AC or 24V DC.

This 3-pole unit is equipped with start/stop momentary push buttons and green (run), red (stop) and amber (trip) pilot lights. When the motor is running, the green pilot light is on; and when the motor is off, the red pilot light is activated. The amber light is activated when the breaker is tripped by the motor. The 18-amp explosion proof device includes versatile internal operating mechanisms that allow easy field adjustment and can accommodate various standard manufacturer starters.

This NEMA-rated explosion proof motor control enclosure's body, cover and operating handle is constructed of copper-free aluminum, and the operating shaft and brushing is stainless steel. Stainless steel springs allow operators to clearly see that all bolts are fully retracted from the body. A neoprene cover gasket seals out moisture and is permanently attached to the cover.

**Wiring:** The explosion proof station contains three, 2" NPT hubs for completing electrical connections. One 2" NPT hub is located at the top of the unit and two 2" NPT hubs are located at the bottom.

**Mounting:** The EPCS-MTS-3P-5HP-480V-PB.RG-3XPL caters to simple installations, facilitated by an included pre-drilled mounting plate within the enclosure, which is field removable. A steel bracket for lifting larger enclosures during installation is also included in the standard model.

**Applications:** Indoor and outdoor general motor control protection in hazardous locations, areas where frequent washdowns occur, or where heavy rain and water spray are present, motor overload and under-voltage protection, and locations where a centrally located motor control is necessary.

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.

**Specifications / Additional Information****EPCS-MTS-3P-5HP-480V-PB.RG-3XPL Explosion Proof Hinge  
Cover Motor Control Station****Listing:** United States, Canada**External Dimensions:** 18.25" H x 14.38" W x 12.13" D**Weight:** -**Configuration:** 3-Pole**Coil Voltage:** 120V AC, 230V AC or 24V DC**Lamp Voltage:** 120V AC, 230V AC or 24V DC**Max. HP Polyphase:** 5**Max Continuous Amps:** 18**Max HP @ 200V AC:** 3**Max HP @ 230V AC:** 3**Max HP @ 480/575V AC:** 5**Push Buttons:** Start/Stop - Momentary**Pilot Lights:** Green (Run), Red (Stop), Amber (Trip)**Materials:** Cast Copper Free Aluminum**Hardware Materials:** Stainless Steel**Mounting:** Surface Mount**Hub Sizes:** 2" NPT**Hub Qty:** 3**Hub Locations:** One on Top and Two on Bottom**Conduit:** Operator Provided[Scroll Down to Purchase](#)

[This product does not qualify for free shipping.](#)

[Part #: EPCS-MTS-3P-5HP-480V-PB.RG-3XPL \(222900\)](#)

**Features/Ratings**

Class I, Division 1&amp;2 Groups B,C,D

Class II, Division 1 Groups E,F,G

Class II, Division 2 Groups F,G

Class III

NEMA 3, 3R, 4, 4X, 7(B,C,D), 9(E,F,G), 12

NEMA Size 0

Wet Location

IP66

**Special Orders- Requirements**

Contact us for special requirements

**Toll Free:** 1-800-369-6671**Intl:** +01-903-498-3364**Fax:** 1-903-498-3364**E-mail:** sales@larsonelectronics.com

Options:

EPCS-MTS-3P-5HP-480V-PB.RG-3XPL- COIL VOLTAGE - LAMP VOLTAGE

Example: EPCS-MTS-3P-5HP-480V-PB.RG-3XPL-120V-120V

COIL VOLTAGE		LAMP VOLTAGE	
120V	-120V	120V	-120V
230V	-230V	230V	-230V
24V	-24V	24V	-24V



Links (Click on the below items to view):

- [Hi-Res Image 1- Explosion Proof Motor Control Station](#)
- [Hi-Res Image 2- Explosion Proof Motor Control Station](#)