

Explosion Proof Control Station

C1D1 - (1) E-stop, (6) Red LED PLs, (1) Green PB - (4) 3/4" Hubs

Instruction Manual

WARNING

TO AVOID THE RISK OF FIRE, EXPLOSION OR ELECTRIC SHOCK, THIS PRODUCT SHOULD BE INSTALLED, INSPECTED AND MAINTAINED BY A QUALIFIED ELECTRICIAN ONLY, IN ACCORDANCE WITH ALL APPLICABLE ELECTRICAL CODES.

TO AVOID ELECTRIC SHOCK:

- BE CERTAIN ELECTRICAL POWER IS OFF BEFORE AND DURING INSTALLATION AND MAINTENANCE.
- PRODUCT MUST BE CONNECTED TO A WIRING SYSTEM WITH AN EQUIPMENT-GROUNDING CONDUCTOR.

TO AVOID EXPLOSION:

- MAKE SURE THE SUPPLY VOLTAGE IS WITHIN THE VOLTAGE RATING.
- ENSURE THE MARKED T RATING IS LESS THAN THE IGNITION TEMPERATURE OF THE HAZARDOUS ATMOSPHERE.
- DO NOT OPERATE IN AMBIENT TEMPERATURES ABOVE THOSE INDICATED ON THE PRODUCT NAMEPLATE.
- DO NOT OPERATE IF THE LENS, CORD, SEALS, HOUSING, RECEPTACLES, ETC. IS CRACKED OR DAMAGED. IF SO, DISCONTINUE USE AND CONTACT MANUFACTURER FOR REPLACEMENT PARTS.
- ALL FASTENERS SHOULD BE PROPERLY SEATED.

The Larson Electronics EPCS-6XPL.R-1XPB.G-1XESTP-MOD1 Explosion Proof Control Station offers accurate control of connected motors and devices in Class I, Division 1 work sites. This unit features six red LED pilot lights, one green push button and one red emergency stop mushroom push button. Constructed of copper-free aluminum, the explosion proof control station mounts on flat surfaces during installation.

Mounting

The Larson Electronics EPCS-6XPL.R-1XPB.G-1XESTP-MOD1 Explosion Proof Control Station is designed for surface mounting applications. This is facilitated by 4 mounting brackets on the back of the enclosure. Secure the enclosure to a flat, sturdy surface capable of supporting the load of the enclosure. Mounting hardware is not included, but is available for purchase from Larson Electronics if needed. Be sure fixture is mounted near enough to supply power, and use a helper to help support the enclosure when mounting.



Power

We strongly encourage a licensed electrician install this product, in all locations, especially in outdoor areas where weatherproofing may be required.

Warning: *Check product label for correct input voltage!*

There are four 3/4" NPT hubs (evenly spaced) on the bottom side of the enclosure. Secure each pair of wires according to the wiring diagram included with your control station. Utilize a junction box or similar device and take precautionary steps for weatherproofing all connections if installed in a location where water may come in contact with the unit. Ensure the unit is properly grounded and that wiring is done according to all local and national electrical/building codes. Take any explosion proofing measures necessary to maintain the ratings of the control station when making wiring connections and sealing hubs. If you are unfamiliar or uncomfortable with any part of this installation, stop and contact a licensed and qualified electrician to install this control station.

USE AND CARE

Unauthorized modification may impair the function and/or safety of this device and could affect the life of the equipment. Always check for damaged or worn out parts before using the device. Store it in a secure place out of the reach of children when not in use. Inspect for good working condition prior to storage and before re-use.

REPLACEMENT PARTS

The EPCS-6XPL.R-1XPB.G-1XESTP-MOD1 is designed to provide years of reliable performance. Should the need for replacement parts arise, please contact Larson Electronics.

THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT SALES@LARSONELECTRONICS.COM OR BY PHONE AT 1-877-348-9680 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.