

Explosion Proof Control Station C1D1 - 24V Rated - (3) Push Buttons Instruction Manual

Thank you for your purchase of the Larson Electronics EPCS-3XPB-BRG-24V explosion proof control station.

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-3XPB-BRG-24V Explosion Proof Control Station is suitable for busy operations in hazardous locations. Featuring three explosion proof push buttons, the unit carries a 24V rating. The Class I, Division 1 rated unit is compatible with surface mounting installations.

MOUNTING

The NEMA-rated control station is compatible with surface mount configurations, facilitated by mounting tabs on the rear of the enclosure. Unit can be mounted to any flat surface capable of supporting the load. Mounting hardware is not included with the unit, but is available for purchase from Larson Electronics if needed. Be sure to follow all applicable National and local electrical and building code when installing. Take particular caution in hazardous areas, be sure all fasteners are fully seated and openings are properly sealed in accordance with NEC regulations.

WIRING

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

Warning: Check product label for correct input voltage!

Remove the front cover of the control station by removing all screws securing it to the enclosure and lifting straight off. Complete wiring connections according to the wiring diagram included with your unit. 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 particular caution in hazardous areas, be sure all fasteners are fully seated and openings are properly sealed in accordance with NEC regulations.



OPERATION

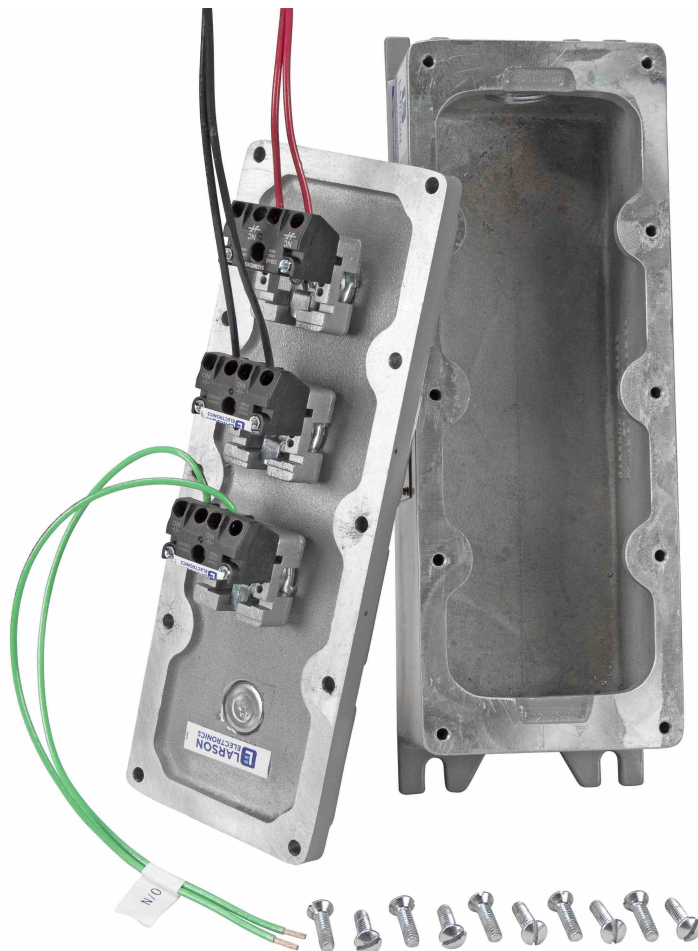
The EPCS-3XPB-BRG-24V is a durable explosion proof control station designed for hazardous locations. This Class I, Division 1 unit is rated at 24V and features three explosion proof push buttons with 2.75A capacity each. The configuration of the push buttons is: red (top), green (middle) and black (bottom). Operator name plates are displayed for accurate and proper use of the unit.

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. Recommend following the NEC recommendations for inspection and maintenance procedures for the hazardous area in which your unit is installed.

REPLACEMENT PARTS

The EPCS-3XPB-BRG-24V 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.