

Explosion Proof Control Station - C1D1/C2D1 - On/Off 2-Pos Selector Switch - 10k Ohm Potentiometer Instruction Manual

Do not attempt operation until you are familiar with all warnings, precautions, and procedures outlined within this instruction sheet. Read carefully before operating. Retain these instructions for future reference.

WARNING:

USER SHOULD BE TRAINED IN THE PROPER USE AND MAINTENANCE OF THIS DEVICE. IF PROPER INSTALLATION PROCEDURES ARE NOT FOLLOWED EXACTLY, THE CONTROL STATION MAY NOT BE SUITABLE FOR THE HAZARDOUS LOCATION INVOLVED.

PERIODIC INSPECTION OF THE ENCLOSURE IS NECESSARY.

ALL LOCAL AND NATIONAL ELECTRICAL/BUILDING CODES MUST BE FOLLOWED WHEN INSTALLING THIS DEVICE. FOR CODE INTERPRETATION, CONSULT YOUR LOCAL AUTHORITY. PRODUCT MUST BE USED ONLY WITH ALL CAP THREADS FULLY ENGAGED. DO NOT USE IF DAMAGED.

INSTALLATION

We strongly recommend that only a licensed electrician install this product.

This unit supports a total of four drilled and tapped operator holes at the cover. Operators may engage commands using a two-position (on/off), maintained selector switch. A green pilot light for real-time notifications, as well as a single turn 10k Ohm potentiometer are also available.

WARNING: Mis-wiring could cause permanent damage.

DO NOT connect with power applied.

1. Choose a suitable location to mount the control station where conduit can reach the box. 3/8"-16 or 3/8"-24 bolts are recommended for mounting the box with a minimum bolt length of 1/4" depending on the location.
2. Run control wire to box following appropriate methods via conduit.
3. Wire according to the wire diagram visible on each device.

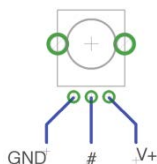
After wiring each system, secure the enclosure and enable the circuit to test each system.

NOTE: All installations must comply with applicable local and/or National Electrical Code

CAUTION: Disconnect this device from the supplying circuit before entering. Keep assembly tight while circuits are alive.

Potentiometer:

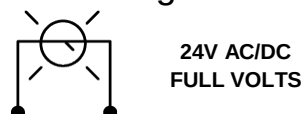
10k Ohm



2-Way Selector Switch:

LEFT POSITION		RIGHT POSITION	
LEFT BLOCKS	RIGHT BLOCKS	LEFT BLOCKS	RIGHT BLOCKS
			
			

Pilot Light:



MAINTENANCE:

Electrical and mechanical inspection of all components must be performed on a regularly scheduled basis, determined by the environment and frequency of use. It is recommended that inspection be performed a minimum of once a year.

USE AND CARE

Unauthorized modification of enclosure may impair the function and/or safety of this device. Always check for damaged or worn out parts before using the unit. Should further information not covered by these instructions be required, please contact Larson Electronics at 1-800-369-6671 or sales@larsonelectronics.com for further assistance.

Please visit LarsonElectronics.com for **Warranty** and **Return** information.