



## INSTALLATION, OPERATION & MAINTENANCE DATA SHEET

### SEAL-X® FXS/FXCS SERIES FACTORY-SEALED CONTROL STATION SUB-ASSEMBLIES.

FOR CLASS I, DIV. 1 & 2, GR. C & D, CLASS II, DIV. 1 & 2,  
GR. E, F & G AND CLASS III HAZARDOUS LOCATIONS.

#### DIRECTIONS FOR INSTALLATION

**CAUTION:** Before beginning installation, make sure that the supplying circuit is turned OFF.

**CAUTION:** For installations in extreme cold weather conditions nearing or exceeding -30 C (-22 F), avoid sharp wire bends. A sharp bend in the wire in these temperatures could result in insulation failure due to cracking.

Be sure to check the catalog number on the box or cover with the number on the carton(s) to be certain you have the correct components.

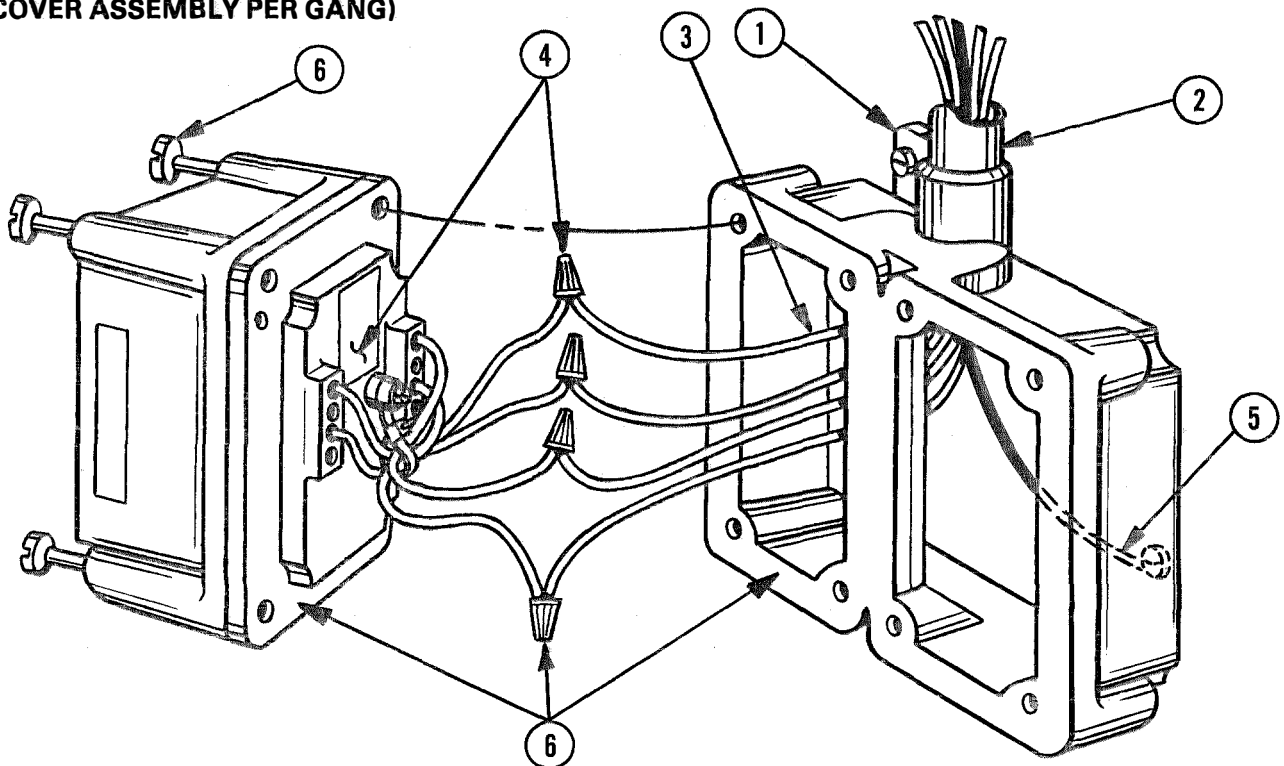
- ① Using the Installation Drawing below as a guide, install the FXB Splice Box using the cast-on mounting lugs (1/4" dia. bolts are recommended for secure mounting).
- ② Attach the conduit to the box.
- ③ Pull the wires through the conduit and through the splice box.

- ④ Make the wiring connections as shown on the wiring diagram on the back of the sealed cover.
- ⑤ Connect the ground wire to the ground screw in the splice box.
- ⑥ To complete the installation, push the connected wires into the splice box, **check the flange surfaces to make sure they are clean and smooth**, and install the cover assembly. The four cover bolts should be tightened so a .0015" feeler gauge will not enter more than 1/8" at any point around the flange joint.

**TO INSTALL A NEW COVER ON AN EXISTING FXB SPLICE BOX:** Remove and disconnect the old cover assembly, then follow Steps 4 thru 6 above for the new cover assembly.

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

**TYPICAL INSTALLATION DRAWING  
(ONE COVER ASSEMBLY PER GANG)**



## OPERATIONAL DATA

## MAINTENANCE DATA

This enclosure is made of cast copper-free aluminum alloy. It is suitable for Class I, Div. 1 & 2, Gr. C & D, Class II, Div. 1 & 2, Gr. E, F & G, and Class III hazardous locations. Like all electro-mechanical devices, these control stations require occasional maintenance. Parts may wear out or become defective due to adverse environmental conditions.

**CAUTION - Disconnect this device from the supplying circuit before opening.**

The flanges and operator shaft(s) should be lubricated occasionally to prevent corrosion, using Killark LUBG General Purpose lubricant. **Keep all flanges clean and free from scratches.** Many types of control station configurations are offered, and internal and external service parts are available. Consult the Killark factory for parts breakdowns.

**REMEMBER TO SAVE ONE OF THESE SHEETS FOR MAINTENANCE PERSONNEL.**

### TYPICAL CONTROL STATION CONFIGURATIONS

COVER ASSEMBLIES (ONE REQUIRED PER GANG)	BOX IDENTIFICATION			
	SINGLE GANG		DOUBLE GANG	
	CAT. NO.	HUB SIZE	CAT. NO.	HUB SIZE
a) Pushbutton Series FXCS				
b) Combination Pushbutton & Pilot Light Series FXCS	FXB-1	1/2"	FXB-7	1/2"
c) Pilot Light Series FXCS	FXB-2	3/4"	FXB-8	3/4"
d) Snap Switch Series FXS	FXB-3	1"	FXB-9	1"
e) Manual Motor Starter Series FXS	FXB-4	1/2" (THRU)	FXB-10	1/2" (THRU)
f) Selector Switch Series FXCS	FXB-5	3/4" (THRU)	FXB-11	3/4" (THRU)
	FXB-6	1" (THRU)	FXB-12	1" (THRU)

MAINTENANCE MANAGER: Please record the following information for your records.

COMPLETE CATALOG NO. \_\_\_\_\_  
(As shown on package)

DATE OF INSTALLATION \_\_\_\_\_