



KILLARK

HUBBELL INCORPORATED (Delaware)
2112 Fenton Logistics Park Blvd
Fenton, Missouri 63026 USA

INSTALLATION, OPERATION & MAINTENANCE DATA SHEET FXCS-M SERIES FACTORY-SEALED CONTROL STATION

(EXTERNAL SEAL IS NOT REQUIRED)

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-xM Splice Box using the cast-on mounting lugs (1/4" dia. bolts are recommended for secure mounting).
- 2.) Attach conduit to the box.
- 3.) Pull wires through the conduit and through the splice box.
- 4.) Make the wiring connections to the factory sealed contact block(s) in cover.

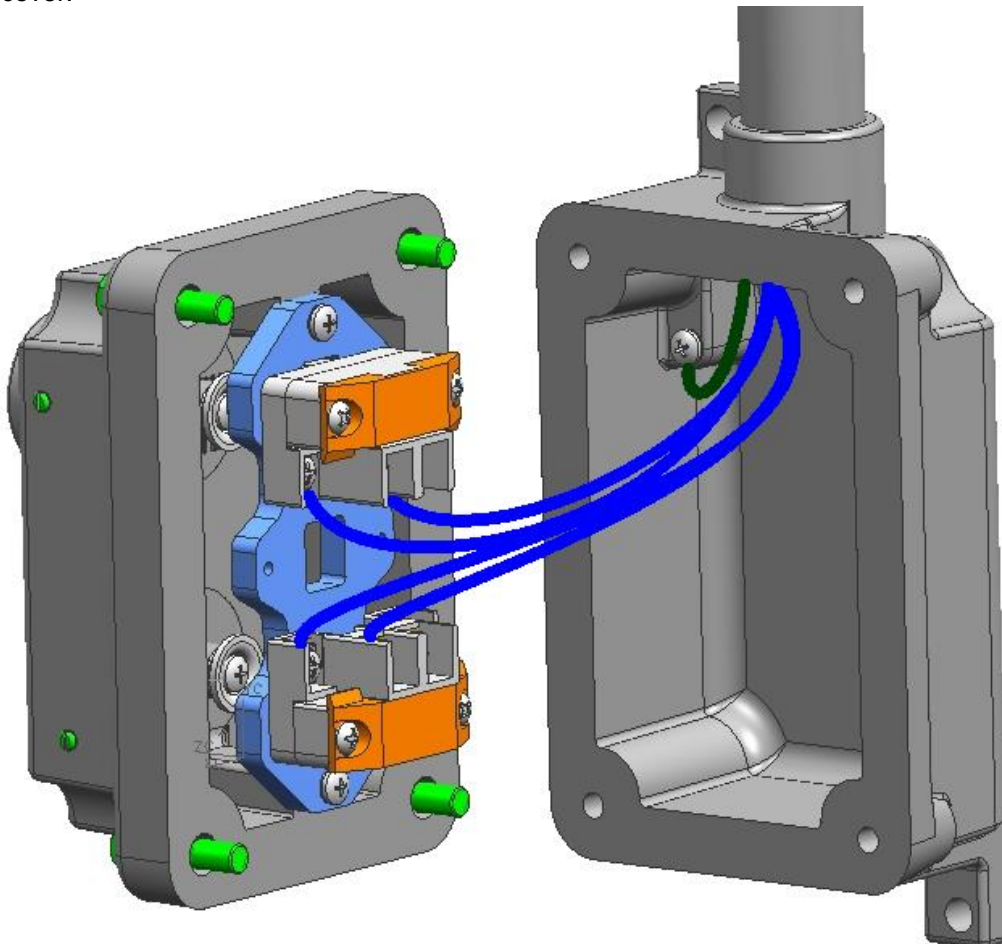
5.) Connect the ground wire to the ground screw in the splice box.

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 SS captive 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-M SPLICE BOX: Remove and disconnect the old cover assembly, then follow Steps 4 thru 6 above for the new cover assembly.

See wiring instruction for complete line of control station configurations on page 3.

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



OPERATIONAL DATA

The enclosure cover is made of cast copper-free aluminum alloy and is used with an aluminum or zinc plated cast iron back box. The assembly 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.

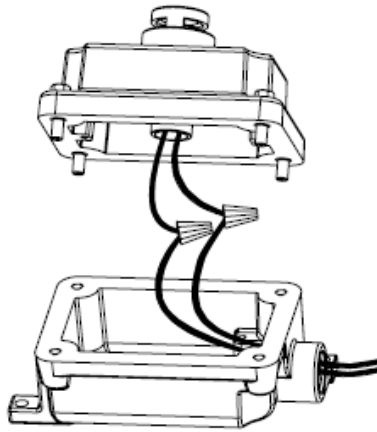
MAINTENANCE DATA

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. All internal and external service parts are available. Consult the Killark factory for parts detail.

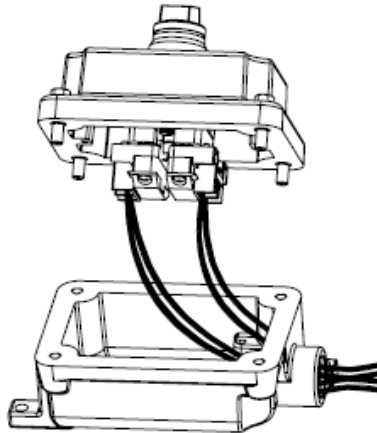
TYPICAL CONTROL STATION CONFIGURATIONS		
COVER ASSEMBLIES	BOX IDENTIFICATION	
a) Pushbutton Series FXCS-M	SINGLE GANG	
	CAT. NO.	HUB SIZE
b) Combination Pushbutton & Pilot Light Series FXCS-M	FXB-1	1/2"
	FXB-2	3/4"
	FXB-3	1"
c) Pilot Light Series FXCS-M	FXB-4	1/2" (THRU)
	FXB-5	3/4" (THRU)
d) Selector Switch Series FXCS-M	FXB-6	1" (THRU)

REMEMBER TO SAVE ONE OF THESE SHEETS FOR MAINTENANCE PERSONNEL

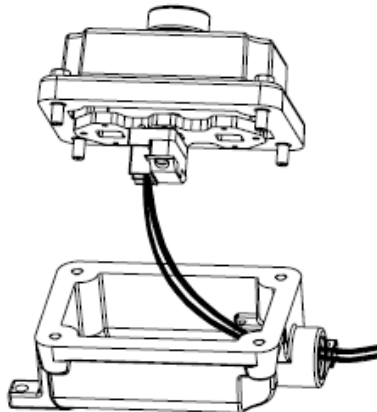
<p>MAINTENANCE MANAGER: Please record the following information for your records.</p> <p>COMPLETE CATALOG NO. _____ (As shown on nameplate)</p> <p>INSTALLED BY: _____</p> <p>INSTALLATION DATE _____</p>
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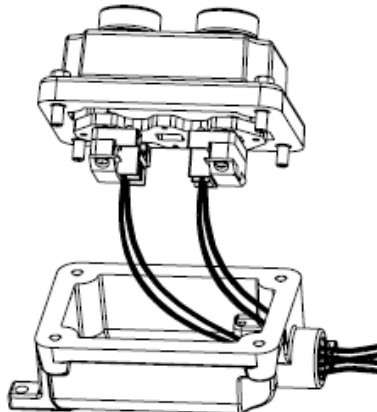
EXCS--M SINGLE PILOT LIGHT
FXCS-XB24xxx SERIES



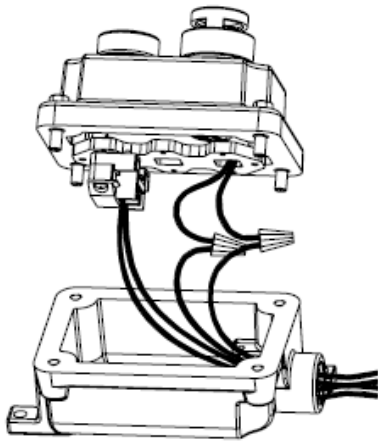
EXCS--M SELECTOR SWITCH
FXCS-XS2Axxx SERIES
FXCS-XK2Axxx SERIES
FXCS-XS3Cxxx SERIES
FXCS-XS3Cxxx SERIES



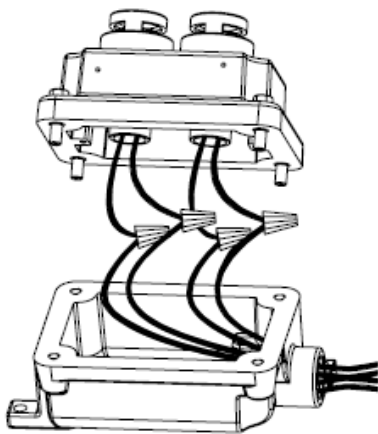
EXCS--M SINGLE PUSHBUTTON
FXCS-XBxxx SERIES



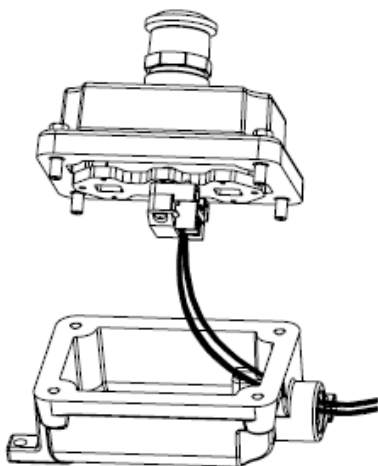
EXCS--M DOUBLE PUSHBUTTON
FXCS-XBxxx SERIES



EXCS--M PUSHBUTTON WITH PILOT LIGHT
FXCS-XBxxx SERIES



EXCS--M DOUBLE PILOT LIGHT
FXCS-XB30xxx SERIES



EXCS--M MAINTAINED PUSHBUTTON
FXCS-XMMxxx SERIES