



FACTORY SEALED CONTROL STATIONS



Class I, Div. 1 & 2, Groups C,D
Class I, Zones 1 & 2, Groups IIB, IIA
Class II, Div. 1 & 2, Groups E,F,G
Class III
Type 3

LISTED - File E53360 and/or E12379

Certified - File LR11714

FEATURES-SPECIFICATIONS

Features

- **Factory Sealed** devices eliminate the need for external sealing. The difference is the use of a sealing plate between the arcing device and the junction box. The sealing plate confines ignited gases, vapors, flames, or dust to the arcing device chamber, preventing them from traveling through the conduit system. Factory poured seals around the wiring pigtails insure safe sealing.
- Lower installation cost
- Type 3 weatherproof
- Color coded wiring-more wiring space-easier field installation
- Lockout accessory available; must be factory installed.
- Ground boss for grounding in the splice box
- Cast conduit hubs 1/2", 3/4" and 1" either dead end or feed through standard in both single and two gang assemblies
- Miniature and standard size push buttons. (Miniature 3/4" overall diameter, standard 1 3/8" overall diameter)
- Key operated selector switches are randomly keyed with keys removable in all positions. Keyed alike or key removable in non-standard positions available from factory.

Materials

- Stainless steel captive screws for cover assembly
- Device bodies and covers are cast copper-free aluminum alloy
- Push button, selector switches and pilot light bodies are copper-free aluminum
- Operating shaft in both push buttons and selector switches are stainless steel

Electrical Rating

Push button stations, selector switches
600 VAC max. heavy duty.

Pilot Light Electrical Ratings:
250 VAC max.

CONTACT BLOCK RATINGS – A600				
CURRENT	120 VAC	240 VAC	480 VAC	600 VAC
INRUSH	60	30	15	12
BREAKING	6	3	1.5	1.2
CARRYING	10	10	10	10
DC RATINGS (MAX. AMPS) – P600				
CURRENT	125 VDC	250 VDC		
INRUSH	.55	.27		
BREAKING	.55	.27		
CARRYING	2.55	2.55		



CONTROLS FXB SERIES

FACTORY SEALED SPLICE BOXES SEALING METHODS



FXB-2
Dead End

FXB-5
Feed Thru



FXB-8
Double Gang Dead End



FXB-11
Double Gang Feed Thru

Splice Boxes

The FXB Series of splice boxes are designed for use with the FXCS and FXS Series of cover sub-assemblies.

FXB BACK BOX SELECTION AND DIMENSIONS

CATALOG NUMBER	DESCRIPTION	HUB SIZE	EXTERNAL			MOUNTING	
			LENGTH	WIDTH	DEPTH	VERTICAL	HORIZONTAL
FXB-1	Single gang/Dead-end	1/2"	6-13/16"	3-11/16"	1-3/4"	6-3/16"	2-1/4"
FXB-2	Single gang/Dead-end	3/4"	6-13/16"	3-11/16"	1-3/4"	6-3/16"	2-1/4"
FXB-3	Single gang/Dead-end	1"	6-13/16"	3-11/16"	1-3/4"	6-3/16"	2-1/4"
FXB-4	Single gang/Feed-thru	1/2"	6-13/16"	3-11/16"	1-3/4"	6-3/16"	2-1/4"
FXB-5	Single gang/Feed-thru	3/4"	6-13/16"	3-11/16"	1-3/4"	6-3/16"	2-1/4"
FXB-6	Single gang/Feed-thru	1"	6-13/16"	3-11/16"	1-3/4"	6-3/16"	2-1/4"
FXB-7	Double gang/Dead-end	1/2"	6-13/16"	7-17/32"	2	6-3/16"	2-1/4"
FXB-8	Double gang/Dead-end	3/4"	6-13/16"	7-17/32"	2	6-3/16"	2-1/4"
FXB-9	Double gang/Dead-end	1"	7	7-17/32"	2	6-3/16"	2-1/4"
FXB-10	Double gang/Feed-thru	1/2"	6-13/16"	7-17/32"	2	6-3/16"	2-1/4"
FXB-11	Double gang/Feed-thru	3/4"	6-13/16"	7-17/32"	2	6-3/16"	2-1/4"
FXB-12	Double gang/Feed-thru	1"	7	7-17/32"	2	6-3/16"	2-1/4"

FXB BLANK COVER

CATALOG NUMBER	DESCRIPTION
FX-10	BLANK COVER FOR FXB



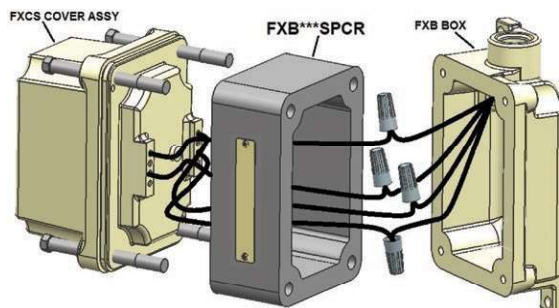
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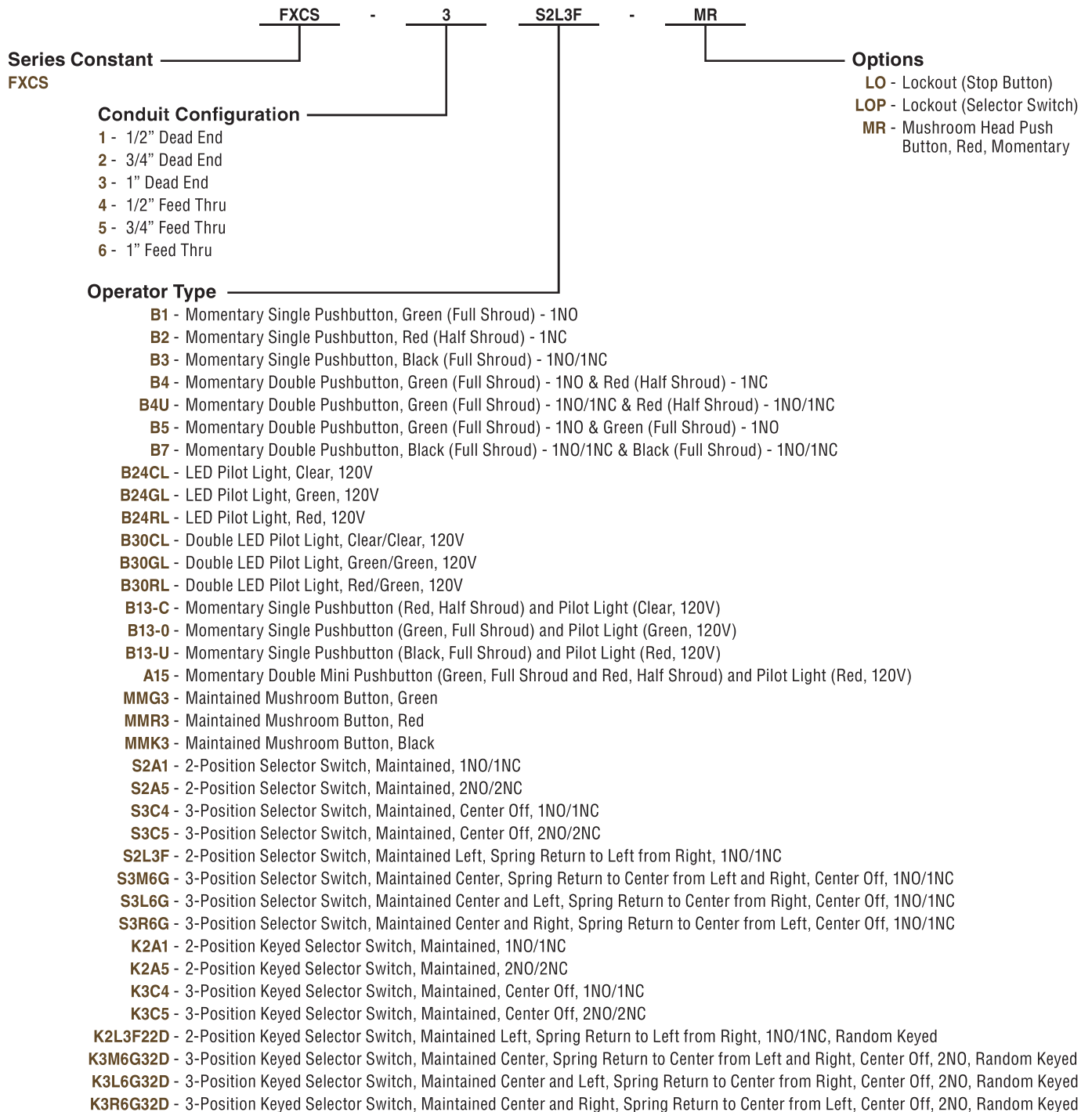
FXB SPACER

CATALOG NUMBER	DESCRIPTION
FXB075SPCR	SPACER, 3/4" ADDITIONAL DEPTH
FXB10SPCR	SPACER, 1" ADDITIONAL DEPTH
FXB15SPCR	SPACER, 1 1/2" ADDITIONAL DEPTH
FXB20SPCR	SPACER, 2" ADDITIONAL DEPTH





FACTORY SEALED CONTROL STATIONS - CATALOG LOGIC





CONTROLS

FXCS SERIES

FACTORY SEALED CONTROL STATIONS

2 Gang Box and
Two Cover Assemblies

FXCS MOMENTARY CONTACT SINGLE PUSH BUTTON

FXCS MOMENTARY CONTACT SINGLE PUSH BUTTON						
CATALOG NUMBER			HUB SIZE	DIAGRAM	BUTTON COLOR	NAMEPLATE MARKING
COVER WITH DEVICE	COMPLETE UNITS (BOX & COVER)					
	DEAD-END	FEED-THRU				
FXCS-0B1	FXCS-1B1	FXCS-4B1	1/2"		Green	Start
	FXCS-2B1	FXCS-5B1	3/4"			
FXCS-0B2	FXCS-1B2	FXCS-4B2	1/2"		Red	Stop
	FXCS-2B2	FXCS-5B2	3/4"			
FXCS-0B3	FXCS-1B3	FXCS-4B3	1/2"		Black	Specify
	FXCS-2B3	FXCS-5B3	3/4"			

FXCS MOMENTARY CONTACT DOUBLE PUSH BUTTON

FXCS MOMENTARY CONTACT DOUBLE PUSH BUTTON						
CATALOG NUMBER			HUB SIZE	DIAGRAM	BUTTON COLOR	NAMEPLATE MARKING
COVER WITH DEVICE	COMPLETE UNITS (BOX & COVER)					
	DEAD-END	FEED-THRU				
FXCS-0B4	FXCS-1B4	FXCS-4B4	1/2"		Green/Red	Start/Stop
	FXCS-2B4	FXCS-5B4	3/4"			
FXCS-0B4U	FXCS-1B4-U	FXCS-4B4-U	1/2"		Green/Red	Start/Stop
	FXCS-2B4-U	FXCS-5B4-U	3/4"			
FXCS-0B5	FXCS-1B5	FXCS-4B5	1/2"		Green/Green	Specify
	FXCS-2B5	FXCS-5B5	3/4"			
FXCS-0B7	FXCS-1B7	FXCS-4B7	1/2"		Black/Black	Specify
	FXCS-2B7	FXCS-5B7	3/4"			

FXCS PILOT LIGHT

FXCS PILOT LIGHT							
CATALOG NUMBER			HUB SIZE	DIAGRAM	VOLT	LENS COLOR	NAMEPLATE MARKING
COVER WITH DEVICE	COMPLETE UNITS (BOX & COVER)						
	DEAD-END	FEED-THRU					
FXCS-0B24CL	FXCS-1B24-CL	FXCS-4B24-CL	1/2"		120V	Clear	Specify
	FXCS-2B24-CL	FXCS-5B24-CL	3/4"				
FXCS-0B24GL	FXCS-1B24-GL	FXCS-4B24-GL	1/2"		120V	Green	Specify
	FXCS-2B24-GL	FXCS-5B24-GL	3/4"				
FXCS-0B24RL	FXCS-1B24-RL	FXCS-4B24-RL	1/2"		120V	Red	Specify
	FXCS-2B24-RL	FXCS-5B24-RL	3/4"				



FACTORY SEALED CONTROL STATIONS



Pilot Light and 2 Mini P.B.
(Box and Cover)



Double Pilot Lights
(Box and Cover)



Maintained Push Button
(Box and Cover)

FXCS DOUBLE PILOT LIGHTS

FXCS DOUBLE PILOT LIGHTS							
CATALOG NUMBER			HUB SIZE	DIAGRAM	LAMP VOLTS	LENS COLOR	NAMEPLATE MARKING
COVER WITH DEVICE	COMPLETE UNITS (BOX & COVER)						
	DEAD-END	FEED-THRU					
FXCS-0B30CL	FXCS-1B30-CL	FXCS-4B30-CL	1/2"		120V	Clear	Specify
	FXCS-2B30-CL	FXCS-5B30-CL	3/4"				
FXCS-0B30GL	FXCS-1B30-GL	FXCS-4B30-GL	1/2"		120V	Green	Specify
	FXCS-2B30-GL	FXCS-5B30-GL	3/4"				
FXCS-0B30RL	FXCS-1B30-RL	FXCS-4B30-RL	1/2"		120V	Red	Specify
	FXCS-2B30-RL	FXCS-5B30-RL	3/4"				
FXCS-0B30RL-GL	FXCS-1B30RL-GL	FXCS-4B30RL-GL	1/2"		120V	Red/Green	Specify
	FXCS-2B30RL-GL	FXCS-5B30RL-GL	3/4"				

FXCS MOMENTARY CONTACT PUSH BUTTON AND PILOT LIGHT

FXCS MOMENTARY CONTACT PUSH BUTTON AND PILOT LIGHT									
COVER WITH DEVICE	CATALOG NUMBER		HUB SIZE	DIAGRAM	LAMP VOLTS	BUTTON COLOR	LENS COLOR	NAMEPLATE MARKING	
	COMPLETE UNITS (BOX & COVER)							BUTTON	LENS
	DEAD-END	FEED-THRU							
FXCS-0B13-C	FXCS-1B13-C	FXCS-4B13-C	1/2"		120V	Red	Clear	Stop	Specify
	FXCS-2B13-C	FXCS-5B13-C	3/4"						
FXCS-0B13-0	FXCS-1B13-0	FXCS-4B13-0	1/2"		120V	Green	Green	Start	Specify
	FXCS-2B13-0	FXCS-5B13-0	3/4"						
FXCS-0B13-U	FXCS-1B13-U	FXCS-4B13-U	1/2"		120V	Black	Red	Specify	Specify
	FXCS-2B13-U	FXCS-5B13-U	3/4"						

FXCS MOMENTARY CONTACT 2 MINI PUSH BUTTON AND 1 PILOT LIGHT

FXCS MOMENTARY CONTACT 2 MINI PUSH BUTTON AND 1 PILOT LIGHT								
CATALOG NUMBER			HUB SIZE	DIAGRAM	BUTTON COLOR	LENS COLOR	NAMEPLATE MARKING	
COVER WITH DEVICE	COMPLETE UNITS (BOX & COVER)						BUTTON	LENS
	DEAD-END	FEED-THRU						
FXCS-0A15	FXCS-1A15	FXCS-4A15	1/2"		Red/Green	Red	Stop Start	Specify
	FXCS-2A15	FXCS-5A15	3/4"					

FXCS MAINTAINED CONTACT - PUSH/PULL MUSHROOM

COVER ASSEMBLY CAT. #	CATALOG # WITH LOCKOUT #	CONTACT TYPE	BUTTON COLOR	NAMEPLATE MARKING
FXCS-OMMG3	FXCS-OMMR3-LOM	1NO/1NC	GREEN	Three nameplates supplied (START, STOP, and EMERG STOP).
FXCS-OMMR3		1NO/1NC	RED	
FXCS-OMMK3		1NO/1NC	BLACK	



CONTROLS

FXCS SERIES

FACTORY SEALED CONTROL STATIONS

Selector Switch
(Box and Cover)Keyed Selector Switch
(Box and Cover)

FXCS TWO POSITION SELECTOR SWITCH – MAINTAINED CONTACT

FXCS TWO POSITION SELECTOR SWITCH – MAINTAINED CONTACT											
CATALOG NUMBER							LEFT POSITION		RIGHT POSITION		STANDARD NAMEPLATE MARKINGS
STANDARD COVER WITH DEVICE	HUB SIZE	STANDARD COMPLETE UNITS (BOX & COVER)		KEYED COVER WITH DEVICE	KEYED COMPLETE UNITS ^② (BOX & COVER)		LEFT CONTACT	RIGHT CONTACT	LEFT CONTACT	RIGHT CONTACT	
		DEAD-END	FEED-THRU		DEAD-END	FEED-THRU					
FXCS-0S2A1	1/2"	FXCS-1S2A1	FXCS-4S2A1	FXCS-0K2A1	FXCS-1K2A1	FXCS-4K2A1					BLANK or OFF-ON
	3/4"	FXCS-2S2A1	FXCS-5S2A1		FXCS-2K2A1	FXCS-5K2A1					
FXCS-0S2A5	1/2"	FXCS-1S2A5	FXCS-4S2A5	FXCS-0K2A5	FXCS-1K2A5	FXCS-4K2A5					
	3/4"	FXCS-2S2A5	FXCS-5S2A5		FXCS-2K2A5	FXCS-5K2A5					

FXCS THREE POSITION SELECTOR SWITCH – MAINTAINED CONTACT

FXCS THREE POSITION SELECTOR SWITCH – MAINTAINED CONTACT													
CATALOG NUMBER							LEFT POSITION		CENTER POSITION		RIGHT POSITION		STANDARD NAMEPLATE MARKINGS
STANDARD COVER WITH DEVICE	HUB SIZE	STANDARD COMPLETE UNITS (BOX & COVER)		KEYED COVER WITH DEVICE	KEYED COMPLETE UNITS ^② (BOX & COVER)		LEFT CONTACT	RIGHT CONTACT	LEFT CONTACT	RIGHT CONTACT	LEFT CONTACT	RIGHT CONTACT	
		DEAD-END	FEED-THRU		DEAD-END	FEED-THRU							
FXCS-0S3C4	1/2"	FXCS-1S3C4	FXCS-4S3C4	FXCS-0K3C4	FXCS-1K3C4	FXCS-4K3C4							BLANK or HAND-OFF-AUTO
	3/4"	FXCS-2S3C4	FXCS-5S3C4		FXCS-2K3C4	FXCS-5K3C4							
FXCS-0S3C5	1/2"	FXCS-1S3C5	FXCS-4S3C5	FXCS-0K3C5	FXCS-1K3C5	FXCS-4K3C5							
	3/4"	FXCS-2S3C5	FXCS-5S3C5		FXCS-2K3C5	FXCS-5K3C5							

FXCS TWO POSITION SELECTOR SWITCH – SPRING RETURNED – 1 N.O./1 N.C.

FXCS TWO POSITION SELECTOR SWITCH – SPRING RETURNED – 1 N.O./1 N.C.											
CATALOG NUMBER							LEFT POSITION		RIGHT POSITION		STANDARD NAMEPLATE MARKINGS
STANDARD COVER WITH DEVICE	HUB SIZE	STANDARD COMPLETE UNITS (BOX & COVER)		KEYED COVER WITH DEVICE	KEYED COMPLETE UNITS② (BOX & COVER)		LEFT CONTACT	RIGHT CONTACT	LEFT CONTACT	RIGHT CONTACT	
		DEAD-END	FEED-THRU		DEAD-END	FEED-THRU					
FXCS-0S2L3F	1/2"	FXCS-1S2L3F	FXCS-4S2L3F	FXCS-0K2L3F22D	FXCS-1K2L3F22D	FXCS-4K2L3F22D					BLANK or OFF-ON
	3/4"	FXCS-2S2L3F	FXCS-5S2L3F		FXCS-2K2L3F22D	FXCS-5K2L3F22D	TYPE OPERATION – Spring return to left from right – Maintained in left – 1 N.O. Contact – 1 N.C. Contact				

FXCS THREE POSITION SELECTOR SWITCH – SPRING RETURNED – 2 N.O.

FXCS THREE POSITION SELECTOR SWITCH – SPRING RETURNED – 2 N.O.													
CATALOG NUMBER							LEFT POSITION		CENTER POSITION		RIGHT POSITION		STANDARD NAMEPLATE MARKINGS
STANDARD COVER WITH DEVICE	HUB SIZE	STANDARD COMPLETE UNITS (BOX & COVER)		KEYED COVER WITH DEVICE	KEYED COMPLETE UNITS [Ⓢ] (BOX & COVER)		LEFT CONTACT	RIGHT CONTACT	LEFT CONTACT	RIGHT CONTACT	LEFT CONTACT	RIGHT CONTACT	
		DEAD-END	FEED-THRU		DEAD-END	FEED-THRU							
FXCS-0S3M6G	1/2"	FXCS-1S3M6G	FXCS-4S3M6G	FXCS-0K3M6G32D	FXCS-1K3M6G32D	FXCS-4K3M6G32D							
	3/4"	FXCS-2S3M6G	FXCS-5S3M6G		FXCS-2K3M6G32D	FXCS-5K3M6G32D	TYPE OPERATION — Spring return to center from left or right — Maintained in center — 2 N.O. Contacts						
FXCS-0S3L6G	1/2"	FXCS-1S3L6G	FXCS-4S3L6G	FXCS-0K3L6G32D	FXCS-1K3L6G32D	FXCS-4K3L6G32D							
	3/4"	FXCS-2S3L6G	FXCS-5S3L6G		FXCS-2K3L6G32D	FXCS-5K3L6G32D	TYPE OPERATION — Spring return to center from right — Maintained center and left 2 N.O. Contacts						
FXCS-0S3R6G	1/2"	FXCS-1S3R6G	FXCS-4S3R6G	FXCS-0K3R6G32D	FXCS-1K3R6G32D	FXCS-4K3R6G32D							
	3/4"	FXCS-2S3R6G	FXCS-5S3R6G		FXCS-2K3R6G32D	FXCS-5K3R6G32D	TYPE OPERATION — Spring return to center from left — Maintained center and right 2 N.O. Contacts						