



**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**  
**NEMA 3, 7(C,D) 9(E,F,G)**

 Listed - File E53360

 Certified - File LR11714  
See files for details or call Killark.

**FEATURES-SPECIFICATIONS**

**SEAL-X™**

**Applications**

SEAL-X™ Series Factory Sealed push button stations, selector switches, pilot lights and tumbler switches are used to prevent the igniting of external hazardous atmospheres by the enclosed arcing devices in such areas as:

- Hazardous locations due to the presence of flammable gases or vapors, combustible dusts or easily ignitable fibers or flyings
- Installations at petroleum refineries, chemical and petrochemical plants and other processing or storage facilities where similar hazards exist
- Use in conjunction with magnetic starters or contactors for remote control of motors

**Features**

- Elimination of external sealing requirements
- Lower installation cost
- NEMA 3 weatherproof
- Color coded wiring-more wiring space-easier field installation
- Stainless steel captive screws for cover assembly
- Ground boss for grounding in the splice box
- Device bodies and covers are cast copper-free aluminum alloy

- Cast conduit hubs 1/2", 3/4" and 1" either dead end or feed through standard in both single and two gang assemblies
- Push button, selector switches and pilot light bodies are copper-free aluminum
- Operating shaft in both push buttons and selector switches are stainless steel
- Miniature and standard size push buttons. (Miniature 3/4" overall diameter, standard 1 3/8" overall diameter)

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. Accurately ground flanges on both sides of the sealing plate provide flame-tight joints. Factory poured seals around the wiring pigtailed insure safe sealing. (FXCS Series)

**Electrical Rating**

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

CONTACT BLOCK RATINGS				
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)		
CURRENT	125 VAC	250 VAC
INRUSH	.55	.275
BREAKING	.55	.275
CARRYING	2.50	2.50

MODIFICATIONS	
SUFFIX NUMBER	DESCRIPTION
AL	Pilot light lens-amber
CL	Pilot light lens-clear
GL	Pilot light lens-green
RL	Pilot light lens-red
MR	Mushroom head- Push button (red)
LO	Push button LOCKOUT <sup>Ⓢ</sup>
LOP	Selector switch-padlock LOCKOUT

<sup>Ⓢ</sup> LOCKOUT must be installed at the factory. LED lamps available. See page C37.





**FXB-2**  
Dead End

**FXB-5**  
Feed Thru



**FXB-8**  
Double Gang Dead End



**FXB-11**  
Double Gang Feed Thru

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**FEATURES-SPECIFICATIONS**

**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"





Single Push Button



Double Push Button



Pilot Light

**Class I, Div. 1 & 2, Groups C,D**  
**Class I, Zones 1 & 2, Groups IIB, IIA**  
**Class II, Div. I & 2, Groups E,F,G**  
**Class III**  
**NEMA 3, 7(C,D) 9(E,F,G)**

Listed - File E53360 and/or E12379

Certified - File LR11714  
See files for details or call Killark.

**FEATURES-SPECIFICATIONS**

FXCS MOMENTARY CONTACT SINGLE PUSH BUTTON						
COVER WITH DEVICE	CATALOG NUMBER		HUB SIZE	DIAGRAM	BUTTON COLOR	NAMEPLATE MARKING <sup>①</sup>
	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						
COVER WITH DEVICE	CATALOG NUMBER		HUB SIZE	DIAGRAM	BUTTON COLOR	NAMEPLATE MARKING <sup>①</sup>
	COMPLETE UNITS (BOX & COVER)					
	DEAD-END	FEED-THRU				
FXCS-0B4	FXCS-1B4	FXCS-4B4	1/2"		Green/Red	Star/Stop
	FXCS-2B4	FXCS-5B4	3/4"			
FXCS-0B4-U	FXCS-1B4U	FXCS-4B4-U	1/2"		Green/Red	Start/Stop
	FXCS-2B4U	FXCS-5B4-U	3/4"			
FXCS-0B5	FXCS-1B5	FXCS-4B5	1/2"		Green/Green	Start/Stop
	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							
COVER WITH DEVICE	CATALOG NUMBER		HUB SIZE	DIAGRAM	VOLT	LENS COLOR <sup>②</sup>	NAMEPLATE MARKING <sup>①</sup>
	COMPLETE UNITS (BOX & COVER)						
	DEAD-END	FEED-THRU					
FXCS-0B24CL	FXCS-1B24CL	FXCS-4B24CL	1/2"		120V	Clear	Specify
	FXCS-2B24CL	FXCS-5B24CL	3/4"				
FXCS-0B24GL	FXCS-1B24GL	FXCS-4B24GL	1/2"		120V	Green	Specify
	FXCS-2B24GL	FXCS-5B24GL	3/4"				
FXCS-0B24RL	FXCS-1B24RL	FXCS-4B24RL	1/2"		120V	Red	Specify
	FXCS-2B24RL	FXCS-5B24RL	3/4"				

<sup>①</sup> For other than standard marking, refer to the special feature section of price list.

<sup>②</sup> Lens colors other than listed may be specified by changing lens color suffix. See modifications page C22.

NOTE: Boxes and covers shipped separately.

\*For control stations with 1" conduit openings or for double gang assemblies, order cover with device and box as separate components.





Double Pilot Lights



Pilot Light Push Button



Pilot Light Two Mini Push Buttons



Maintained Push Button

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**Class III**  
**NEMA 3, 7(C,D) 9(E,F,G)**

Listed - File E53360 and /or E12379

Certified - File LR11714  
 See files for details or call Killark.

**FEATURES-SPECIFICATIONS**

FXCS DOUBLE PILOT LIGHTS							
COVER WITH DEVICE	CATALOG NUMBER		HUB SIZE	DIAGRAM	LAMP VOLTS	LENS COLOR <sup>②</sup>	NAMEPLATE MARKING <sup>①</sup>
	COMPLETE UNITS (BOX & COVER)						
	DEAD-END	FEED-THRU					
FXCS-0B30CL	FXCS-1B30CL	FXCS-4B30CL	1/2"		120V	Clear	Specify
	FXCS-2B30CL	FXCS-5B30CL	3/4"				
FXCS-0B30GL	FXCS-1B30GL	FXCS-4B30GL	1/2"		120V	Green	Specify
	FXCS-2B30GL	FXCS-5B30GL	3/4"				
FXCS-0B30RL	FXCS-1B30RL	FXCS-4B30RL	1/2"		120V	Red	Specify
	FXCS-2B30RL	FXCS-5B30RL	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									
COVER WITH DEVICE	CATALOG NUMBER		HUB SIZE	DIAGRAM	LAMP VOLTS	BUTTON COLOR	LENS COLOR <sup>②</sup>	NAMEPLATE MARKING <sup>①</sup>	
	COMPLETE UNITS (BOX & COVER)							BUTTON	LENS
	DEAD-END	FEED-THRU							
FXCS-0B13-C	FXCS-1B13-C	FXCS-4B13-C	1/2"		120V	Red	Red	Stop	Specify
	FXCS-2B13-C	FXCS-5B13-C	3/4"						
FXCS-0B13-O	FXCS-1B13-O	FXCS-4B13-O	1/2"		120V	Green	Red	Start	Specify
	FXCS-2B13-O	FXCS-5B13-O	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									
COVER WITH DEVICE	CATALOG NUMBER		HUB SIZE	DIAGRAM	BUTTON COLOR	LENS COLOR <sup>②</sup>	NAMEPLATE MARKING <sup>①</sup>		
	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 <sup>④</sup>				
BUTTON COLOR	CONTACT TYPE	COVER ASSEMBLY CAT. #	CATALOG # WITH LOCKOUT #	NAMEPLATE MARKING
GREEN	1NO/1NC	FXCS-OMMG3	FXCS-OMMR3-LOM	③
RED	1NO/1NC	FXCS-OMMR3		
BLACK	1NO/1NC	FXCS-OMMK3		

① For other than standard marking, refer to the special feature section of price list.  
 ② Lens colors other than listed may be specified by changing lens color suffix. See modifications page C22.  
 ③ Three nameplates supplied (Start/Stop, Blank, Emergency Stop) with FXCS maintained push button.  
 ④ Operation-when push button is depressed and contacts activated, operator will remain in depressed position until pulled out to normal position.

NOTE: Boxes and covers shipped separately.

\*For control stations with 1" conduit opening or for double gang assemblies, order cover with device and box as separate components.



Selector Switch



Key Selector Switch

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  
NEMA 3, 7(C,D) 9(E,F,G)

Listed - File E53360 and/or E12379

Certified - File LR11714

See files for details or call Killark.

**FEATURES-SPECIFICATIONS**

FXCS TWO POSITION SELECTOR SWITCH – MAINTAINED CONTACT ①										
CATALOG NUMBER						LEFT POSITION		RIGHT POSITION		
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				
FXCS-0S2A1	3/4"	FXCS-2S2A1	FXCS-5S2A1		FXCS-2K2A1	FXCS-5K2A1				
FXCS-0S2A5	1/2"	FXCS-1S2A5	FXCS-4S2A5	FXCS-0K2A5	FXCS-1K2A5	FXCS-4K2A5				
FXCS-0S2A5	3/4"	FXCS-2S2A5	FXCS-5S2A5		FXCS-2K2A5	FXCS-5K2A5				

FXCS THREE POSITION SELECTOR SWITCH – MAINTAINED CONTACT ①												
CATALOG NUMBER						LEFT POSITION		CENTER POSITION		RIGHT POSITION		
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						
FXCS-0S3C4	3/4"	FXCS-2S3C4	FXCS-5S3C4		FXCS-2K3C4	FXCS-5K3C4						
FXCS-0S3C5	1/2"	FXCS-1S3C5	FXCS-4S3C5	FXCS-0K3C5	FXCS-1K3C5	FXCS-4K3C5						
FXCS-0S3C5	3/4"	FXCS-2S3C5	FXCS-5S3C5		FXCS-2K3C5	FXCS-5K3C5						

FXCS TWO POSITION SELECTOR SWITCH – SPRING RETURNED ①										
CATALOG NUMBER						LEFT POSITION		RIGHT POSITION		
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-0S2L3F	1/2"	FXCS-1S2L3F	FXCS-4S2L3F	FXCS-0K2L3F22D	FXCS-1K2L3F22D	FXCS-4K2L3F22D				
FXCS-0S2L3F	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 ①												
CATALOG NUMBER						LEFT POSITION		CENTER POSITION		RIGHT POSITION		
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-0S3M6G	1/2"	FXCS-1S3M6G	FXCS-4S3M6G	FXCS-0K3M6G32D	FXCS-1K3M6G32D	FXCS-4K3M6G32D						
FXCS-0S3M6G	3/4"	FXCS-2S3M6G	FXCS-5S3M6G		FXCS-2K3M6G32D	FXCS-5K3M6G32D						
FXCS-0S3L6G	1/2"	FXCS-1S3L6G	FXCS-4S3L6G	FXCS-0K3L6G32D	FXCS-1K3L6G32D	FXCS-4K3L6G32D						
FXCS-0S3L6G	3/4"	FXCS-2S3L6G	FXCS-5S3L6G		FXCS-2K3L6G32D	FXCS-5K3L6G32D						
FXCS-0S3R6G	1/2"	FXCS-1S3R6G	FXCS-4S3R6G	FXCS-0K3R6G32D	FXCS-1K3R6G32D	FXCS-4K3R6G32D						
FXCS-0S3R6G	3/4"	FXCS-2S3R6G	FXCS-5S3R6G		FXCS-2K3R6G32D	FXCS-5K3R6G32D						

TYPE OPERATION — Spring return to center from left or right — Maintained in center — 2 N.O. Contacts

TYPE OPERATION — Spring return to center from right — Maintained center and left 2 N.O. Contacts

TYPE OPERATION — Spring return to center from left — Maintained center and right 2 N.O. Contacts

① Nameplates are double sided.

For other than standard marking, refer to the special feature section of the price list.

STANDARD NAMEPLATE MARKINGS — 2 POSITION — Blank or Off-On — 3 POSITION — Blank or Hand-Off-Auto.

② Key operated selector switches are randomly keyed with keys removable in all positions.

For keyed alike or key removable in other than all positions contact factory.

For control stations with 1" conduit opening or for double gang assemblies, order cover with device and box as separate components.





Tumbler Switches

Ground Fault Interrupter

**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**  
**NEMA 3, 7(C,D) 9(E,F,G)**

**FEATURES-SPECIFICATIONS**

**Applications**

**FXS Tumbler Switches** are suitable for applications where making, breaking or changing connections in an electrical circuit is required and where conditions of load do not exceed the switch ratings.

Listed - File E53360 and/or Ffile E10501

Certified - File LR11714  
 See files for details or call Killark.

**Applications**

**FXS Ground Fault Interrupters** are designed to interrupt a circuit when a ground fault is detected on equipment which may be handled by personnel in hazardous locations.

**Features**

- Test and Reset push buttons are provided on cover assembly. Unit should be tested monthly
- Includes new GFI to meet latest UL943 GFCI standards revisions
- Exterior gasket provides NEMA 3 weatherproof protection
- Ground boss for grounding in the splice box
- Color coded wiring
- Captive cover bolts are made from stainless steel

**Electrical Rating**

GFI units are rated at 20A, 120 VAC, 60HZ. Class A.  
 4-6 miliamp trip setting  
 Trip Time-UL Curve

Listed - File E80595

Certified - File LR61895  
 See files for details or call Killark.

FXS TUMBLER SWITCHES					
CATALOG NUMBER			HUB SIZE	SWITCH STYLE	SWITCH RATING 120/277 VAC, 1Ø
COVER WITH SWITCH	COMPLETE UNIT (BOX, COVER AND SWITCH)				
		DEAD-END	FEED-THRU		
FXS-1C	FXS-11C	FXS-41C	1/2"	1-POLE	20 A ②
	FXS-21C	FXS-51C	3/4"		
FXS-2C	FXS-12C	FXS-42C	1/2"	2-POLE	20 A ②
	FXS-22C	FXS-52C	3/4"		
FXS-8C	FXS-18C	FXS-48C	1/2"	3-POLE	①
	FXS-28C	FXS-58C	3/4"		
FXS-3C	FXS-13C	FXS-43C	1/2"	3-WAY/ SPDT (No off)	20 A ②
	FXS-23C	FXS-53C	3/4"		
FXS-5C	FXS-15C	FXS-45C	1/2"	SPDT (Center off)	20 A ②
	FXS-25C	FXS-55C	3/4"		
FXS-6C	FXS-16C	FXS-46C	1/2"	DPDT (No off)	20 A ②
	FXS-26C	FXS-56C	3/4"		
FXS-1D	FXS-11D	FXS-41D	1/2"	1-POLE	30 A ②
	FXS-21D	FXS-51D	3/4"		
FXS-2D	FXS-12D	FXS-42D	1/2"	2-POLE	30 A ②
	FXS-22D	FXS-52D	3/4"		
FXS-4C	—	—	—	4-WAY	20 A ②

① Rated 15 amperes, 240/480 VAC., 3Ø; 3HP-240 VAC., 5 HP-480 VAC.

② Horsepower rated 1 HP at 120 VAC, 2 HP at 240 VAC.

FXS GROUND FAULT INTERRUPTER†				
CATALOG NUMBER			HUB SIZE	
COMPLETE UNIT	COVER ASSEMBLY	BACK BOX*		
FXS-GFI-1020	FXS-GFI03	FXB-1	DEAD END	1/2"
FXS-GFI-2020	FXS-GFI03	FXB-2		3/4"
FXS-GFI-3020	FXS-GFI03	FXB-3		1"
FXS-GFI-1120	FXS-GFI03	FXB-4	FEED THRU	1/2"
FXS-GFI-2120	FXS-GFI03	FXB-5		3/4"
FXS-GFI-3120	FXS-GFI03	FXB-6		1"

For control stations with 1" conduit opening or for double gang assemblies, order cover with device and box as separate components.

\*Boxes and covers shipped separately.

†See page DE22 for additional ground fault control stations.

FXS GROUND FAULT INTERRUPTER WITH NEON LAMP	
CATALOG NUMBER FOR COVER ASSEMBLY	FXS-GFI03PL

\* Order FXB back box as separate item.

