For the latest prices, please check AutomationDirect.com.

1-800-633-0405 **KILLARK Hazardous Location Controls FXCS Series Factory Sealed Controls Overview**

Applications, Features, Listings, and Electrical Ratings







Applications

Factory sealed pushbutton stations, selector switches and pilot lights 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

Contact Specifications

All contacts are break before make. Replacement contacts are not available for any of our Killark hazardous duty controls.

AC 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 VDC	250 VDC						
Inrush	0.55	0.275						
Breaking	0.55	0.275						
Carrying	2.50	2.5						

Listings

- UL Listed; File E53360
- Class I, Div. 1 & 2, Groups C, D
- Class II, Div. 1 & 2, Groups E, F, G
- Class III
- NEMA 3, 7 (C, D) 9 (E, F, G)
- CSA Certified; File LR11714
- Class I, Zones 1 & 2, Groups IIB, IIA



Features

- Eliminates external sealing requirements
- · Lower installation cost
- NEMA 3 weatherproof
- Color coded wiring
- · More wiring space for easier field installation
- · Stainless steel captive screws for cover assembly
- Ground boss for grounding in the splice box
- Cast conduit hubs 1/2", 3/4" and 1" NPT either dead end or feed through standard in both single and two-gang assemblies
- · Pushbutton, selector switches and pilot light bodies are copper-free aluminum
- · Operating shaft in both pushbuttons and selector switches are stainless steel
- Miniature and standard size pushbuttons. (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 pigtails ensure safe sealing.

FXCS	Specifications
Dielectric Strength	2.5 kV (1 minute)
Electrical Endurance	5 million operations at rated load
Operating Frequency	3,000 per hour
Mechanical Endurance	Momentary: 5 x 10 ⁶ Push-pull and selector: 2 x 10 ⁶
LED Consumption	4-6 mA at 110 to 130 VAC/VDC
Wire Leads	6.5 inches, 18 AWG
Operating Temperature	-4 to 104°F [-20 to 40°C]
Device Bodies and Covers Materials	Copper-free Aluminum
Cover Bolts Material	1/4-20 x 1.10 inch Stainless Steel
Cover Tightening	After tightly attaching cover to device box, check with a 0.0015 inch feeler gauge; it should enter gap more than 1/8 inch.

KILLARK FXB Series Factory Sealed Splice/Device Boxes for FXCS Series Cover Assemblies





FXB-2 Dead End

<u>FXB-5</u> Feed Through



FXB-8 Double Gang Dead End



FXB-11 Double Gang Feed Through

Features

Splice Boxes The FXB series of splice boxes are designed for use with the FXCS series cover sub-assemblies.

FX	B Splic	e/Devic	e Box Selection and	Dimensions
Part Number	Price	Drawing Link	Description	NPT Hub Size (inches)
<u>FXB-1</u>	\$78.00	PDF	Single gang / Dead-end	1/2
<u>FXB-2</u>	\$74.00	PDF	Single gang / Dead-end	3/4
<u>FXB-3</u>	\$88.00	PDF	Single gang / Dead-end	1
FXB-4	\$80.00	PDF	Single gang / Feed-through	1/2
<u>FXB-5</u>	\$82.00	PDF	Single gang / Feed-through	3/4
<u>FXB-6</u>	\$105.00	PDF	Single gang / Feed-through	1
<u>FXB-7</u>	\$179.00	PDF	Double gang / Dead-end	1/2
<u>FXB-8</u>	\$153.00	PDF	Double gang / Dead-end	3/4
<u>FXB-9</u>	\$152.00	PDF	Double gang / Dead-end	1
<u>FXB-10</u>	\$155.00	PDF	Double gang / Feed-through	1/2
<u>FXB-11</u>	\$157.00	PDF	Double gang / Feed-through	3/4
<u>FXB-12</u>	\$155.00	PDF	Double gang / Feed-through	1

Listings

- UL Listed; File E53360
- Class I, Div. 1 & 2, Groups C, D
- Class II, Div. 1 & 2, Groups E, F, G
- Class III
- NEMA 3, 7 (C, D) 9 (E, F, G)
- CSA Certified; File LR11714
- Class I, Zones 1 & 2, Groups IIB, IIA



KILLARK FXCS Series Factory Sealed Control Station Cover Assemblies



Single Pushbutton



Double Pushbutton



Pilot Light

Features

These pushbutton assemblies include the cover and the pushbutton device. An FXB splice/device box is required.

Listings

- UL Listed; File E53360
- Class I, Div. 1 & 2, Groups C, D
- + Class II, Div. 1 & 2, Groups E, F, G
- Class III
- NEMA 3, 7 (C, D) 9 (E, F, G)
- CSA Certified; File LR11714
- Class I, Zones 1 & 2, Groups IIB, IIA



FXCS Momentary Contact Single Pushbutton									
Part Number (cover included)	Price	Drawing Link	Description	Diagram	Pushbutton Color	Legend Plate Marking*			
FXCS-0B1	\$343.00	<u>PDF</u>	1 N.O. momentary operator		Green	"START"			
<u>FXCS-0B2</u>	\$343.00	<u>PDF</u>	1 N.C. momentary operator	● ●	Red	"STOP"			
FXCS-0B3	\$381.00	PDF	1 N.O. / 1 N.C. momentary operator	<u>•</u> • • •	Black	Blank plate			

	FXCS Momentary Contact Double Pushbutton									
Part Number (cover included)	Price	Drawing Link	Description	Diagram	Button Color	Legend Plate Marking*				
FXCS-0B4	\$435.00	<u>PDF</u>	Green operator has 1 N.O. momentary contact and red operator has 1 N.C. momentary contact		Green / Red	"START STOP"				
<u>FXCS-0B4U</u>	\$467.00	PDF	Each operator has 1 N.O. and 1 N.C. momentary contact		Green / Red	"START STOP"				
<u>FXCS-0B5</u>	\$435.00	PDF	Each operator has 1 N.O. momentary contact	\downarrow \downarrow \downarrow	Green / Green	"START START"				
FXCS-0B7	\$467.00	PDF	Each operator has 1 N.O. and 1 N.C. momentary contact	<u></u>	Black / Black	Two blank plates				

	FXCS Pilot Light										
Part Number (cover included)	Price	Drawing Link	Description	Diagram	LED Voltage	Lens Color	Legend Plate Marking*				
FXCS-0B24ALD	\$577.00	<u>PDF</u>	Single pilot light	-@-	110 VAC/VDC	Amber	Blank plate				
FXCS-0B24CLD	\$395.00	PDF	Single pilot light	-@-	110 VAC/VDC	Clear	Blank plate				
FXCS-0B24GLD	\$408.00	<u>PDF</u>	Single pilot light		110 VAC/VDC	Green	Blank plate				
FXCS-0B24RLD	\$395.00	<u>PDF</u>	Single pilot light		110 VAC/VDC	Red	Blank plate				

KILLARK FXCS Series Factory Sealed Control Station Cover Assemblies



Double Pilot Light



Pilot Light / Pushbutton



Pilot Light / Two Mini Pushbutton



Maintained Pushbutton

Listings

- UL Listed; File E53360
- Class I, Div. 1 & 2, Groups C, D
- Class II, Div. 1 & 2, Groups E, F, G
- Class III
- NEMA 3, 7 (C, D) 9 (E, F, G)
- CSA Certified; File LR11714
- Class I, Zones 1 & 2, Groups IIB, IIA



	FXCS Double Pilot Light										
Part Number (cover included)	Price	Drawing Link	Description	Diagram	LED Voltage	Lens Colors	Legend Plate Marking*				
FXCS-0B30ALD	\$883.00	<u>PDF</u>	Two pilot lights		110 VAC/VDC	Amber / Amber	Two blank plates				
FXCS-0B30CLD	\$628.00	<u>PDF</u>	Two pilot lights		110 VAC/VDC	Clear / Clear	Two blank plates				
FXCS-0B30GLD	\$540.00	PDF	Two pilot lights		110 VAC/VDC	Green / Green	Two blank plates				
FXCS-0B30RLD	\$628.00	<u>PDF</u>	Two pilot lights	110 VAC/VDC Red / Red		Two blank plates					
FXCS-0B30RLD-GLD	\$532.00	<u>PDF</u>	Two pilot lights		110 VAC/VDC	Red / Green	Two blank plates				

	FXCS Momentary Contact Pushbutton and Pilot Light										
Part Number (cover included)PriceDrawing LinkDescription				Diagram	LED Voltage	Pushbutton Color	Lens Color	Legend Plate Marking*			
FXCS-0B13-CD	Retired	<u>PDF</u>	1 N.C. momentary operator and pilot light	•l• -	110 VAC/VDC	Red	Clear	Pushbutton: "STOP" Pilot light: Blank plate			
FXCS-0B13-OD	\$460.00	PDF	1 N.O. momentary operator and pilot light	⊥ @	110 VAC/VDC	Green	Red	Pushbutton: "START" Pilot light: Blank plate			
FXCS-0B13-UD	\$467.00	PDF	1 N.O. / 1 N.C. momentary operator and pilot light		110 VAC/VDC	Black	Red	Two blank plates			

FXCS Two Mini Momentary Contact Pushbuttons and Pilot Light									
Part Number (cover included)PriceDrawing LinkDescriptionDiagramLED VoltagePushbutton ColorsLens ColorsLegend Plate Marking									
FXCS-0A15D	\$608.00	PDF	Mini red operator with 1 N.C. momentary contact and mini green operator with 1 N.O. momentary contact, and pilot light		110 VAC/VDC	Green Red	Red	N.O. Pushbutton: "START" N.C. Pushbutton: "STOP" Pilot light: Blank plate	

	FXCS Maintained Contact Push-Pull Mushroom Pushbutton										
Part Number (cover included)	Price	Drawing Link	Description	ccription Diagram Pushbutton Lege		Legend Plate Marking*					
FXCS-0MMG3	\$839.00	PDF	1 N.O. / 1 N.C. push-pull maintained	<u>•</u> • •	Green	Three 2-sided legend plates included: "START / STOP"; "EMERGENCY STOP / RESET"; Blank plate / "RESET"					
FXCS-0MMR3	\$783.00	<u>PDF</u>	1 N.O. / 1 N.C. push-pull maintained	<u>● </u> ● ●	Red	Three 2-sided legend plates included: "START / STOP"; "EMERGENCY STOP / RESET"; Blank plate / "RESET"					
FXCS-0MMK3	\$839.00	<u>PDF</u>	1 N.O. / 1 N.C. push-pull maintained	<u>● </u> ● ●	Black	Three 2-sided legend plates included: "START / STOP"; "EMERGENCY STOP / RESET"; Blank plate / "RESET"					

1-800-633-0405 KILLARK FXCS Series Factory Sealed Control Station Cover Assemblies and Selector Switches



Selector Switch



Key-Operated Selector Switch

Listings

- UL Listed; File E53360
- Class I, Div. 1 & 2, Groups C, D
- Class II, Div. 1 & 2, Groups E, F, G
- Class III
- NEMA 3, 7 (C, D) 9 (E, F, G)
- CSA Certified; File LR11714
- Class I, Zones 1 & 2, Groups IIB, IIA



	FXCS Two-Position Maintained Contact Selector Switches										
Part Number (cover included) Price Drawing Link Description Left Position Left Contact Right Position Right Position Part Number Link Description Left Position Right Contact Right Contact Right Contact Right Contact Knob Color Legend P											
FXCS-0S2A1	\$468.00	<u>PDF</u>	1 N.O. / 1 N.C.	$\stackrel{\bot}{\bullet} \stackrel{\bullet}{\bullet}$	<u>• •</u>	••	<u>• •</u>	Black	"OFF ON""		
<u>FXCS-0S2A5</u>	\$440.00	<u>PDF</u>	2 N.O. / 2 N.C.	<u>● </u> ● ●	• <u></u> •	• • • •	● ● ● ●	Black	"OFF ON""		

	FXCS Two-Position Key-Operated Maintained Contact Selector Switches									
Part Number (cover included)	Price	Drawing Link	Description	Left Position Left Contact	Left Position Right Contact	Right Position Left Contact	Right Position Right Contact	Key Removal	Legend Plate Marking*	
FXCS-0K2A1A	\$707.00	<u>PDF</u>	1 N.O. / 1 N.C.		<u>• •</u>	↓	<u>• •</u>	Any position	"OFF ON"	
FXCS-0K2A5A	\$747.00	<u>PDF</u>	2 N.O. / 2 N.C.		<u>.</u>	<u>● ●</u> ● ●	<u>●</u> ● ● ●	Any position	"OFF ON"	

	FXCS Three-Position Maintained Contact Selector Switches										
Part Number (cover included)	Price	Drawing Link	Description	Left Position Left Contact	Left Position Right Contact	Center Position Left Contact	Center Position Right Contact	Right Position Left Contact	Right Position Right Contact	Knob Color	Legend Plate Marking*
FXCS-0S3C4	\$472.00	PDF	1 N.O. / 1 N.C.	••	<u>•</u> •	••	<u>• •</u>	.	<u>• •</u>	Black	"HAND OFF AUTO"
FXCS-0S3C5	\$450.00	<u>PDF</u>	2 N.O. / 2 N.C.	<u>•</u>]•	<u>● </u> ● ●	<u>● ●</u> ● ●		<u>•</u> ∣• • •	.	Black	"HAND OFF AUTO"

	FXCS Three-Position Key-Operated Maintained Contact Selector Switches										
Part Number (cover included)	Price	Drawing Link	Description	Left Position Left Contact	Left Position Right Contact	Center Position Left Contact	Center Position Right Contact	Right Position Left Contact	Right Position Right Contact	Key Removal	Legend Plate Marking*
FXCS-0K3C4A	\$602.00	<u>PDF</u>	1 N.O. / 1 N.C.		<u>•</u> •	⊥ • •	<u>• •</u>	•↓•	<u>• •</u>	Any position	"HAND OFF AUTO"
<u>FXCS-0K3C5A</u>	\$543.00	<u>PDF</u>	2 N.O. / 2 N.C.		<u>●</u> ● ● ●	• • • •	<u>● ●</u> ● ●	<u>• •</u> • •	● ● ● ●	Any position	"HAND OFF AUTO"

KILLARK FXCS Series Factory Sealed Control Station Cover Assemblies and Selector Switches - Continued





Selector Switch

Key-Operated Selector Switch

	FXCS Two-Position Spring Return Selector Switch									
Part Number (cover included)							Legend Plate Marking*			
FXCS-0S2L3F	\$556.00	PDF	1 N.O. / 1 N.C., spring return from right	\downarrow	<u>●</u>]●	•••	<u>• •</u>	"OFF" / "ON""		

	FXCS Two-Position Key-Operated Spring Return Selector Switches									
Part Number (cover included)	Price							Legend Plate Marking*		
FXCS-0K2L3F22A	\$749.00	<u>PDF</u>	1 N.O. / 1 N.C., spring return from right	••	∙∣∙	↓	<u>• •</u>	left position only	"OFF" / "ON""	

	FXCS Three-Position Spring Return Selector Switches										
Part Number (cover included)	Price	Drawing Link	Description	Left Position Left Contact	Left Position Right Contact	Center Position Left Contact	Center Position Right Contact	Right Position Left Contact	Right Position Right Contact	Knob Color	Legend Plate Marking*
FXCS-0S3M6G	\$460.00	PDF	2 N.O., spring return to center from left or right	↓	\downarrow		\downarrow	\downarrow	↓	Black	"HAND OFF AUTO"
FXCS-0S3L6G	\$460.00	PDF	2 N.O., spring return to center from right, maintained in center and left	•	••	••	<u>↓</u>	⊥ • •	•	Black	"HAND OFF AUTO"
FXCS-0S3R6G	\$460.00	<u>PDF</u>	2 N.O., spring return to center from left, maintained in center and right	• •	$- \underbrace{\downarrow}_{\bullet \bullet}$				●●	Black	"HAND OFF AUTO"

	FXCS Three-Position Key-Operated Spring Return Selector Switches										
Part Number (cover included)	Price	Drawing Link	Description	Left Position Left Contact	Left Position Right Contact	Center Position Left Contact	Center Position Right Contact	Right Position Left Contact	Right Position Right Contact	Key Removal	Legend Plate Marking*
FXCS-0K3M6G32A	\$687.00	<u>PDF</u>	2 N.O., spring return to center from left or right	•└•	••	••	••	••	•••	center position only	"HAND OFF AUTO"
FXCS-0K3L6G32A	\$687.00	PDF	2 N.O., spring return to center from right, maintained in center and left			••		⊥ • •	•	center position only	"HAND OFF AUTO"
FXCS-0K3R6G32A	\$651.00	PDF	2 N.O., spring return to center from left, maintained in center and right	••	••	••	••	••	•••	center position only	"HAND OFF AUTO"

1-800-633-0405 KILLARK Accessories and Replacement Parts

Sealing Fitting

The purpose of seals in a Class I hazardous location is to minimize the passage of gases and vapors and prevent the passage of flames from one electrical installation to another through the conduit system. Consult the electrical code or your local inspector for more detailed information.

ENY-2 Sealing Fitting Dimensions									
Part Number Price Hub Size Dimensions (in-mm) Tu					Turning Radius*				
<u>ENY-2</u>	\$35.00 3/4 4-1/16 (103) 2-1/16 (52) 1-9/32 (33)								

*Use Turning Radius to help determine if sealing fitting will fit properly in your installation.

ENY-2 Sealing Fitting

- Suitable for vertical or horizontal installation
- Copper-free aluminum (less than 0.4 %)
- Electro-statically applied powder coating



ENY-2 Sealing Fitting

Turning Radius -

А

В

Sealing Compound and Packing Fiber

0	Ounces Required per Fitting							
Sealing Fitting	aling Fitting Hub Size (inch) Sealing Compound Packing Fiber							
<u>ENY-2</u>	ENY-2 3/4 2 oz. 1/8 oz.							

Sealing Compound

SC series sealing compound is a cement used extensively for sealing conduit to prevent the spread of explosive gases.

- Non-shrinking and forms a secure seal
- Resists acids, water, oil, etc.
- UL listed when used with ENY series sealing fittings
- CE certified when used with any CSA certified sealing fitting

Packing Fiber

- Made from environmentally safe, non-asbestos material
- Easy to use and forms a positive dam to hold sealing compound

Sealing Compound							
Part Number Price Size							
SC-4-OZ	\$13.50	4-ounce container					
SC-8-OZ \$13.50 8-ounce container							
<u>SC-1-LB</u>	\$25.00	1-pound container					

Packing Fiber							
Part Number Price Size							
<u>PF-2</u>	\$32.50	2-ounce container					
<u>PF-4</u>	\$58.00	4-ounce container					
<u> PF-16</u>	\$172.00	1-pound container					



Sealing Compound



Packing Fiber

KILLARK Accessories and Replacement Parts - Continued

Accessories and Replacement Parts Overview

We offer an accessory blank cover, a large selection of legend plates, and replacement keys and LEDs.

Replacement contacts are not available for any of our Killark hazardous duty controls. We also do not offer replacement switches, covers, or bolts.

Blank Cover and Replacement Key





X-10 Blank Cover

KEY-C002B Replacement Key

Blank Cover and Replacement Key								
Part Number Price Drawing Link Description								
<u>X-10</u>	\$80.00 <u>F</u>		Blank cover for use with splice/device boxes.					
<u>KEY-C002B</u>	\$15.00	N/A	Replacement key for FXCS and XCS series key-operated selector switches.					

Replacement LED Lamps



Replacement 110 VAC/VDC LED lamps for FXCS and XCS series pilot lights.

Replacement LED Lamps					
Part Number	Price	Color	Volts AC/DC		
GOLED-A110	\$79.00	Amber			
GOLED-G110	\$79.00	Green	110 VAC/VDC		
GOLED-R110	\$79.00	Red			
GOLED-W110	\$79.00	White			

KILLARK Accessories - Legend Plates

Legend Plates

- Engraved aluminum legend plates with red fields.
- Three screws included with each legend plate
- Use with XCS and FXCS series devices





XCSNP-HIGH-LOW

XCSNP-RESET



XCSNP-ON-OFF

Legend Plates						
Legend	Color of Field	Part Number	Price			
Blank plate	Red	XCSNP-BLANK	\$17.00			
"CLOSE"	Red	XCSNP-CLOSE	\$17.00			
"DOWN"	Red	XCSNP-DOWN	\$17.00			
"EMERG STOP"	Red	XCSNP-ESTOP	\$17.00			
"FAST"	Red	XCSNP-FAST	\$17.00			
"FORWARD"	Red	XCSNP-FORWARD	\$17.00			
"HIGH"	Red	XCSNP-HIGH	\$17.00			
"IN"	Red	XCSNP-IN	\$17.00			
"INCH"	Red	XCSNP-INCH	\$17.00			
"JOG"	Red	XCSNP-JOG	\$17.00			
"JOG FWD"	Red	XCSNP-JOG-FORWARD	\$17.00			
"JOG REV"	Red	XCSNP-JOG-REVERSE	\$16.50			
"LOW"	Red	XCSNP-LOW	\$17.00			
"LOWER"	Red	XCSNP-LOWER	\$17.00			
"MOTOR RUN"	Red	XCSNP-MOTOR-RUN	\$17.00			
"MOTOR STOP"	Red	XCSNP-MOTOR-STOP	\$17.00			
"OFF"	Red	XCSNP-OFF	\$17.00			
"ON"	Red	XCSNP-ON	\$17.00			
"OPEN"	Red	XCSNP-OPEN	\$17.00			
"OUT"	Red	XCSNP-OUT	\$17.00			
"POWER ON"	Red	XCSNP-POWER-ON	\$17.00			
"RAISE"	Red	XCSNP-RAISE	\$17.00			
"READY"	Red	XCSNP-READY	\$17.00			
"RESET"	Red	XCSNP-RESET	\$17.00			
"REVERSE"	Red	XCSNP-REVERSE	\$17.00			
"RUN"	Red	XCSNP-RUN	\$17.00			
"SLOW"	Red	XCSNP-SLOW	\$17.00			
"START"	Red	XCSNP-START	\$17.00			
"STOP"	Red	XCSNP-STOP	\$17.00			
"TEST"	Red	XCSNP-TEST	\$17.00			

Legend Plates					
Legend	Color of Field	Part Number	Price		
"UP"	Red	<u>XCSNP-UP</u>	\$17.00		
"FWD REV"	Red	XCSNP-FWD-REV	\$17.00		
"HAND AUTO"	Red	XCSNP-HAND-AUTO	\$17.00		
"ON OFF"	Red	XCSNP-ON-OFF	\$17.00		
"OFF ON"	Red	XCSNP-OFF-ON	\$17.00		
"START STOP"	Red	XCSNP-START-STOP	\$17.00		
"UP DOWN"	Red	XCSNP-UP-DOWN	\$17.00		
"RUN JOG"	Red	XCSNP-RUN-JOG	\$17.00		
"JOG RUN"	Red	XCSNP-JOG-RUN	\$17.00		
"AUTO HAND"	Red	XCSNP-AUTO-HAND	\$17.00		
"MAN AUTO"	Red	XCSNP-MANUAL-AUTO	\$17.00		
"OFF REMOTE"	Red	XCSNP-OFF-REMOTE	\$17.00		
"START JOG"	Red	XCSNP-START-JOG	\$17.00		
"HIGH LOW"	Red	XCSNP-HIGH-LOW	\$17.00		
"OPEN CLOSE"	Red	XCSNP-OPEN-CLOSE	\$17.00		
"RAISE LOWER"	Red	XCSNP-RAISE-LOWER	\$17.00		
"SLOW FAST"	Red	XCSNP-SLOW-FAST	\$17.00		
"FWD OFF REV"	Red	XCSNP-FWD-OFF-REV	\$17.00		
"HAND OFF AUTO"	Red	XCSNP-HAND-OFF-AUT	\$17.00		
"RUN OFF JOG"	Red	XCSNP-RUN-OFF-JOG	\$17.00		
"REV OFF FWD"	Red	XCSNP-REV-OFF-FWD	\$17.00		
"AUTO OFF HAND"	Red	XCSNP-AUT-OFF-HAND	\$17.00		
"HAND OFF REMOTE"	Red	XCSNP-HAND-OFF-REM	\$17.00		
"JOG OFF RUN"	Red	XCSNP-JOG-OFF-RUN	\$16.50		
"STOP RUN START"	Red	XCSNP-STP-RUN-STRT	\$16.50		
"LOCAL OFF REM"	Red	XCSNP-LOCL-OFF-REM	\$17.00		
"LOW OFF HIGH"	Red	XCSNP-LOW-OFF-HIGH	\$17.00		
"RAISE OFF LOWER"	Red	XCSNP-RAS-OFF-LOWR	\$17.00		
"SLOW OFF FAST"	Red	XCSNP-SLOW-OFF-FST	\$17.00		