



CONTROLS

XCS/XS/XST/SWB SERIES

CONTROL STATIONS EXTERNAL SEALING REQUIRED



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



LISTED - File E53360



Certified - File LR11714, LR11712

FEATURES-SPECIFICATIONS

Features

- Cast conduit hubs 1/2", 3/4" and 1" either dead end or feed thru standard in both single and two gang, SWB-1 thru SWB-12 device bodies
- SWB-13 thru SWB-38 are designed for custom drilled and tapped conduit openings on all four sides and the back
- Ground flange joint between bolted cover and box provide required flame path
- Open space between gangs for easy wiring from one cover to another
- Miniature and standard size push buttons. (Miniature 3/4" overall diameter, standard 1-3/8" overall diameter.)
- Contact blocks are rated heavy duty, 600 VAC max
- Internal ground screw
- 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

- Device bodies and covers are cast copperfree Aluminum alloy and provide a wide assortment for custom assemblies
- Push button, selector switches and pilot light operator bodies are copper-free aluminum
- Operating shaft in both push buttons and selector switches are stainless steel
- Gold Flashed Contacts on Contact Blocks

Electrical Rating

- Push button stations, selector switches heavy duty 600 VAC max.
- Pilot lights 250 VAC max.

CONTACT BLOCK RATINGS – A600

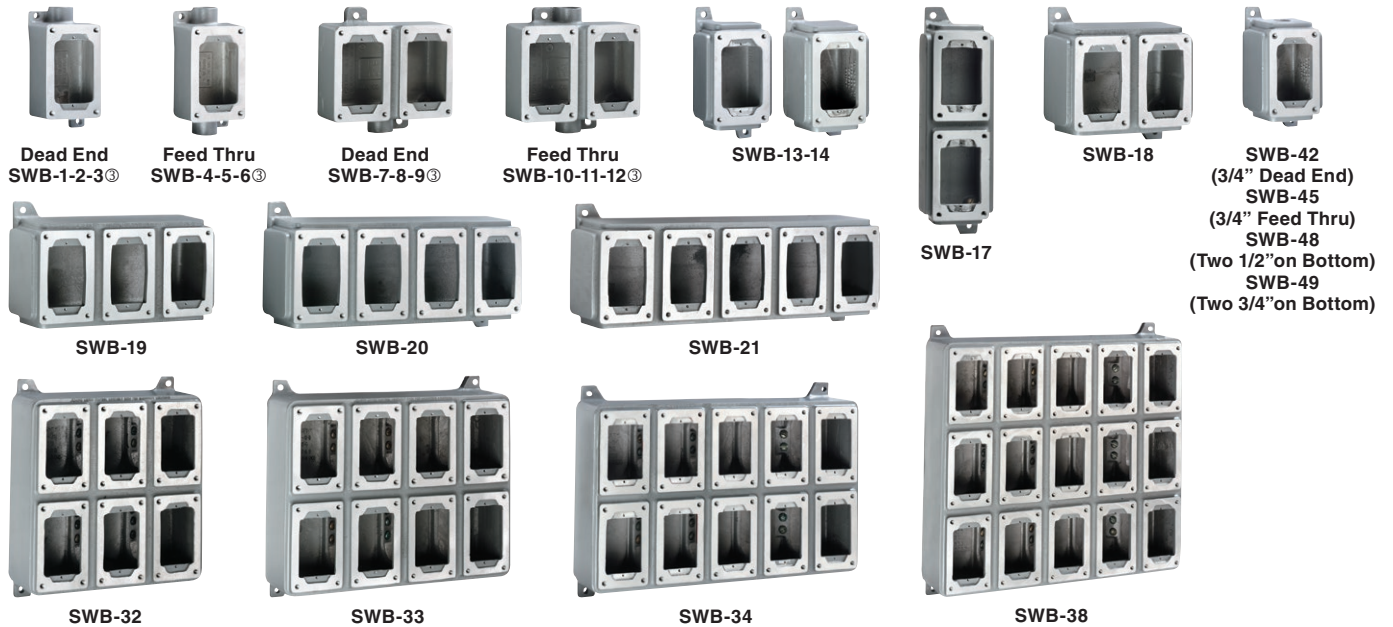
CURRENT	120 VAC	240 VAC	480 VAC	600 VAC
INRUSH	60	30	15	12
BREAKING	6	3	1.5	1.2
CARRYING	10	10	10	10

DC RATINGS (MAX. AMPS) – P600

CURRENT	125 VAC	250 VAC
INRUSH	55	.27
BREAKING	55	.27
CARRYING	2.55	2.55



DEVICE BODIES FOR USE WITH XCS / XS / XST COVER ASSEMBLIES



SWB DEVICE BODIES AND DIMENSIONS

CATALOG NUMBER	HUB SIZE	EXTERNAL			MOUNTING	
		LENGTH	WIDTH	DEPTH	VERTICAL	HORIZONTAL
SWB-1	1/2"	5-7/8"(149)	3"(76)	2-1/4"(57)	5-3/8"(137)	2-3/8"(60)
SWB-2	3/4"	5-7/8"(149)	3"(76)	2-1/4"(57)	5-3/8"(137)	2-3/8"(60)
SWB-3	1"	5-7/8"(149)	3"(76)	2-1/4"(57)	5-3/8"(137)	2-3/8"(60)
SWB-4	1/2"	5-7/8"(149)	3"(76)	2-1/4"(57)	5-3/8"(137)	2-3/8"(60)
SWB-5	3/4"	5-7/8"(149)	3"(76)	2-1/4"(57)	5-3/8"(137)	2-3/8"(60)
SWB-6	1"	5-7/8"(149)	3"(76)	2-1/4"(57)	5-3/8"(137)	2-3/8"(60)
SWB-7	1/2"	5-7/8"(149)	6-1/2"(165)	2-1/4"(57)	5-3/8"(137)	2-1/2"(64)
SWB-8	3/4"	5-7/8"(149)	6-1/2"(165)	2-1/4"(57)	5-3/8"(137)	2-1/2"(64)
SWB-9	1"	5-7/8"(149)	6-1/2"(165)	2-1/4"(57)	5-3/8"(137)	2-1/2"(64)
SWB-10	1/2"	5-7/8"(149)	6-1/2"(165)	2-1/4"(57)	5-3/8"(137)	2-1/2"(64)
SWB-11	3/4"	5-7/8"(149)	6-1/2"(165)	2-1/4"(57)	5-3/8"(137)	2-1/2"(64)
SWB-12	1"	5-7/8"(149)	6-1/2"(165)	2-1/4"(57)	5-3/8"(137)	2-1/2"(64)
SWB-13	①	5-1/4"(133)	3-5/8"(92)	2-1/2"(64)	6-1/8"(156)	2-3/8"(60)
SWB-14	②	5-1/4"(133)	3-5/8"(92)	3-5/16"(84)	6-1/8"(156)	2-3/8"(60)
SWB-17	①	10-3/8"(264)	3-5/8"(92)	2-1/2"(64)	11-3/8"(289)	2-1/8"(54)
SWB-18	②	5-1/4"(133)	7-1/8"(181)	3-5/16"(84)	6"(152)	5-3/4"(146)
SWB-19	②	5-1/4"(133)	10-5/8"(270)	3-5/16"(84)	6"(152)	9-3/16"(233)
SWB-20	②	5-1/4"(133)	14-1/8"(359)	3-5/16"(84)	6"(152)	12-11/16"(322)
SWB-21	②	5-1/4"(133)	17-5/8"(448)	3-5/16"(84)	6"(152)	16-3/16"(411)
SWB-32	②	12"(305)	10-5/8"(270)	3-5/16"(84)	11-1/8"(283)	9-3/16"(233)
SWB-33	②	10-3/8"(264)	14-1/8"(359)	3-5/16"(84)	11-3/16"(284)	12-3/4"(324)
SWB-34	②	12"(305)	17-3/4"(451)	3-5/16"(84)	11-5/16"(287)	16-1/4"(413)
SWB-38	②	17-1/8"(435)	17-3/4"(451)	3-5/16"(84)	11-5/16"(287)	16-1/4"(413)
SWB-42	3/4"	5-1/4"(133)	3-5/8"(92)	3-5/16"(84)	6-1/8"(156)	2-3/8"(60)
SWB-45	3/4"	5-1/4"(133)	3-5/8"(92)	3-5/16"(84)	6-1/8"(156)	2-3/8"(60)
SWB-48	1/2" ②	5-1/4"(133)	3-5/8"(92)	3-5/16"(84)	6-1/8"(156)	2-3/8"(60)
SWB-49	3/4" ②	5-1/4"(133)	3-5/8"(92)	3-5/16"(84)	6-1/8"(156)	2-3/8"(60)

① Maximum size drilled and tapped opening 1" – Shallow device bodies.

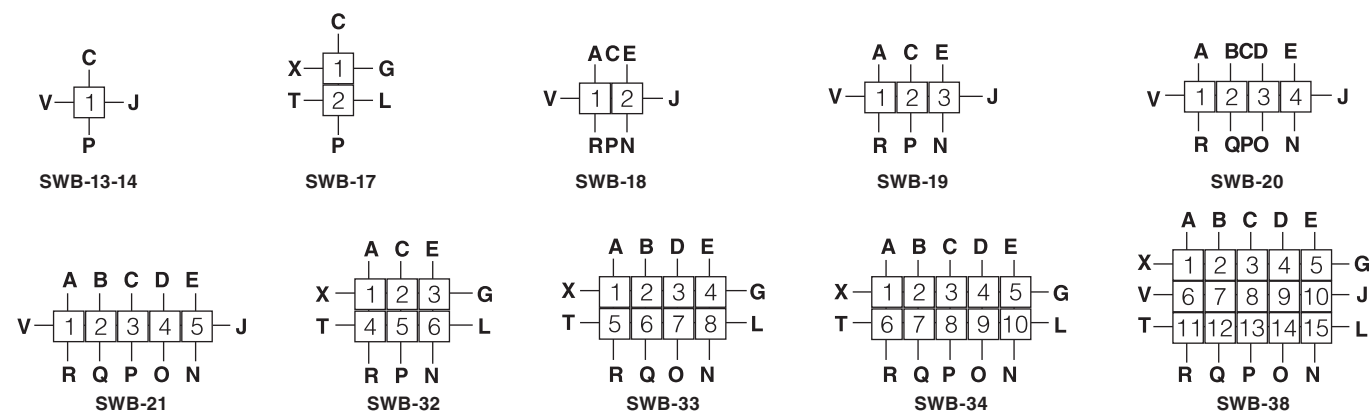
② Maximum size drilled and tapped opening 1-1/2" – Deep device bodies.



CONTROLS SWB SERIES

CONDUIT OPENING DATA

CONDUIT OPENING LOCATION CHARTS



To specify conduit openings select the letter on these sketches which indicates the position desired. All conduit openings will be evenly spaced and located in the area indicated on the location chart. When they are to be more accurately located, submit a sketch with spacing dimensions. Specific conduit openings must be located dimensionally from box centerlines to conduit centerlines and from outside back surface of box to conduit centerline.

Ordering Instructions:

- (1) Select the letter on location chart which indicates conduit opening position desired.
- (2) Select symbol number from chart which indicates conduit opening type and size.
- (3) Combine the conduit location letter, size and type number, and add as a suffix to SWB box catalog number.

Example: **SWB-18-C1-J1-P1-V1**

SYMBOL NUMBERS		
CONDUIT SIZE	CONDUIT OPENINGS	
	DRILLED AND TAPPED	UNION
1/2"	1	11
3/4"	2	12
1"	3	13
1-1/4"	4	14
1-1/2"	5	15

MINIMUM HUB CENTERS FOR DRILLED AND TAPPED AND UNION HUBS

SIZE	FORM	1/2"	3/4"	1"	1-1/4"	1-1/2"
1/2"	Min	1-3/16"(46)	—	—	—	—
1/2"	Pre	1-3/8"(35)	—	—	—	—
1/2"	Union	1-5/8"(41)	—	—	—	—
3/4"	Min	1-3/8"(35)	1-1/2"(38)	—	—	—
3/4"	Pre	1-1/2"(38)	1-5/8"(41)	—	—	—
3/4"	Union	1-3/4"(44)	1-13/16"(46)	—	—	—
1"	Min	1-1/2"(38)	1-3/4"(44)	1-13/16"(46)	—	—
1"	Pre	1-3/4"(44)	1-7/8"(48)	2"(51)	—	—
1"	Union	1-7/8"(48)	2"(51)	2-1/8"(54)	—	—
1-1/4"	Min	1-11/16"(43)	1-15/16"(49)	2-1/16"(52)	2-5/16"(59)	—
1-1/4"	Pre	1-15/16"(49)	2-1/16"(52)	2-1/4"(57)	2-1/2"(64)	—
1-1/4"	Union	2-1/16"(52)	2-1/4"(57)	2-5/16"(59)	2-1/2"(64)	—
1-1/2"	Min	1-15/16"(49)	2-1/16"(52)	2-3/16"(56)	2-1/2"(64)	2-5/8"(67)
1-1/2"	Pre	2-1/8"(54)	2-1/4"(57)	2-3/8"(60)	2-5/8"(67)	2-3/4"(70)
1-1/2"	Union	2-3/16"(56)	2-9/32"(58)	7/16"(11)	2-5/8"(67)	2-3/4"(70)
Locknut Bushing Conduit		1-1/8"(29)	1-3/8"(35)	1-11/16"(43)	2-3/16"(56)	2-7/16"(62)
Locknut Bushing Conduit		1"(25)	1-1/4"(32)	1-1/2"(38)	1-7/8"(48)	2-1/8"(54)
Locknut Bushing Conduit		7/8"(22)	1-1/16"(27)	1-3/8"(35)	1-11/16"(43)	1-15/16"(49)

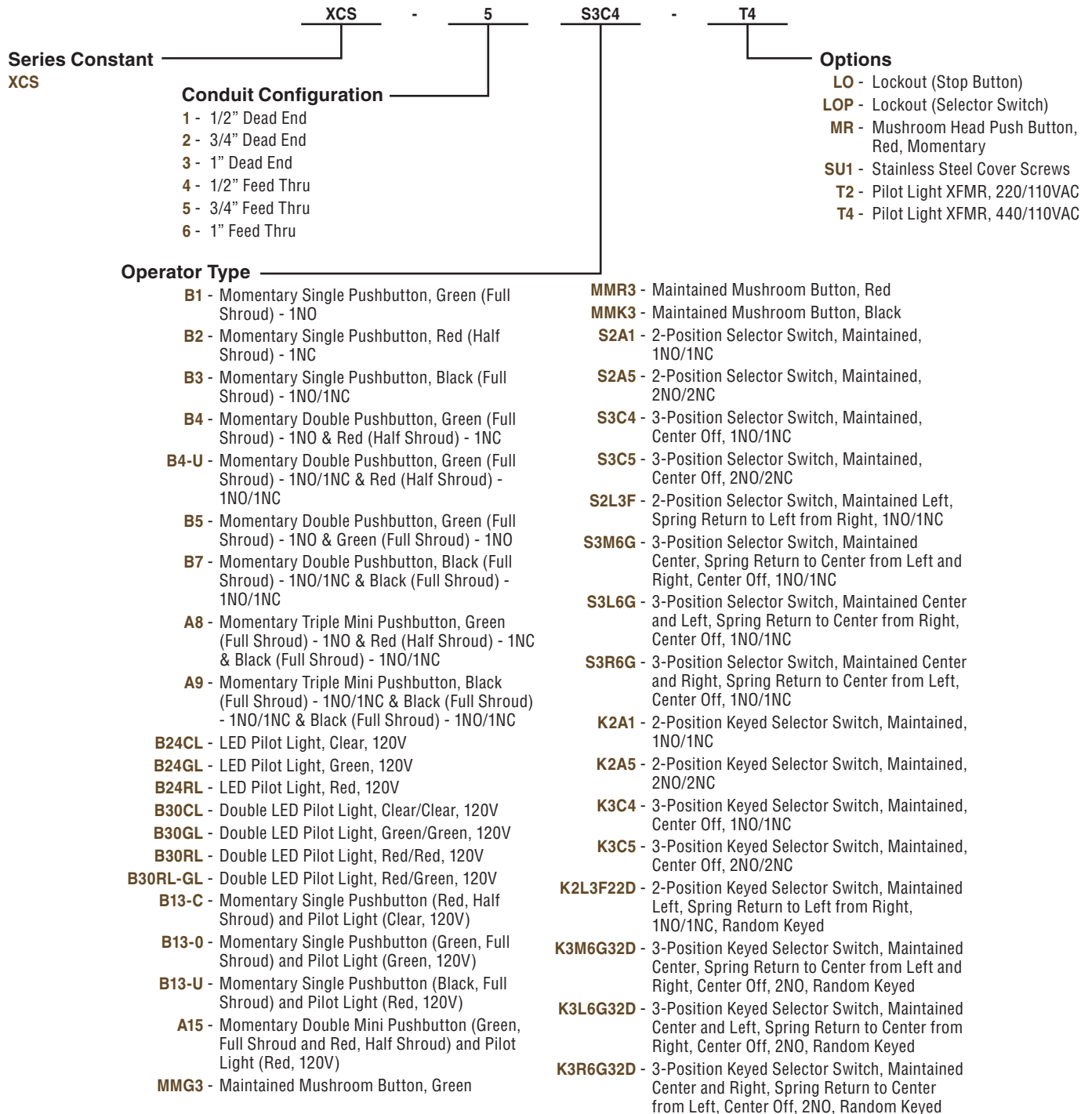
Min: The minimum space required to provide enough clearance over locknuts and bushings.

Pre: The preferred more liberal center to center spacing of openings. To be used whenever possible.

Union: The required spacing between openings when using male NPT unions.



CONTROL STATION ASSEMBLIES - CATALOG LOGIC





CONTROLS XCS SERIES

CONTROL STATIONS EXTERNAL SEALING REQUIRED



Single Push Button
(Box and Cover)



Double Push Button
(Box and Cover)



Three Mini-Push Button
(Box and Cover)



Push-Pull Mushroom Maintained Push Button
(Box and Cover)

XCS MOMENTARY CONTACT SINGLE PUSH BUTTON

XCS 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				
XCS-0B1	XCS-1B1	XCS-4B1	1/2"		Green	Start
	XCS-2B1	XCS-5B1	3/4"			
XCS-0B2	XCS-1B2	XCS-4B2	1/2"		Red	Stop
	XCS-2B2	XCS-5B2	3/4"			
XCS-0B3	XCS-1B3	XCS-4B3	1/2"		Black	Specify
	XCS-2B3	XCS-5B3	3/4"			

XCS MOMENTARY CONTACT DOUBLE PUSH BUTTON

XCS 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				
XCS-0B4	XCS-1B4	XCS-4B4	1/2"		Green-Red	Start/Stop
	XCS-2B4	XCS-5B4	3/4"			
XCS-0B4-U	XCS-1B4-U	XCS-4B4-U	1/2"		Green-Red	Start/Stop
	XCS-2B4-U	XCS-5B4-U	3/4"			
XCS-0B5	XCS-1B5	XCS-4B5	1/2"		Green-Green	Start/Start
	XCS-2B5	XCS-5B5	3/4"			
XCS-0B7	XCS-1B7	XCS-4B7	1/2"		Black-Black	Specify
	XCS-2B7	XCS-5B7	3/4"			

XCS MOMENTARY CONTACT THREE MINI-PUSH BUTTON

XCS MOMENTARY CONTACT THREE MINI-PUSH BUTTON						
CATALOG NUMBER			HUB SIZE	DIAGRAM	BUTTON COLOR	NAMEPLATE MARKING
COVER WITH DEVICE	COMPLETE UNITS (BOX & COVER)					
	DEAD-END	FEED-THRU				
XCS-0A8	XCS-1A8	XCS-4A8	1/2"		Green-Red	Start/Stop
	XCS-2A8	XCS-5A8	3/4"		Black	Specify
XCS-0A9	XCS-1A9	XCS-4A9	1/2"		Black	Specify
	XCS-2A9	XCS-5A9	3/4"			

XCS MAINTAINED CONTACT PUSH PULL MUSHROOM PUSH BUTTON

CATALOG NUMBER (COVER WITH DEVICE)	DIAGRAM	BUTTON COLOR	NAMEPLATE MARKING
XCS-OMMG3		GREEN	Three nameplates supplied (START, STOP, and EMERG STOP).
XCS-OMMR3		RED	
XCS-OMMK3		BLACK	



CONTROL STATIONS EXTERNAL SEALING REQUIRED



Pilot Light
(Box and Cover)



Double
Pilot Light
(Box and Cover)



Pilot Light
Push Button
(Box and Cover)



Pilot Light
Two Mini Push Buttons
(Box and Cover)

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

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

XCS MOMENTARY CONTACT PUSH BUTTON AND 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						
XCS-0B13-C	XCS-1B13-C	XCS-4B13-C	1/2"		Red	Red	Stop	Specify
	XCS-2B13-C	XCS-5B13-C	3/4"					
XCS-0B13-O	XCS-1B13-O	XCS-4B13-O	1/2"		Green	Red	Start	Specify
	XCS-2B13-O	XCS-5B13-O	3/4"					
XCS-0B13-U	XCS-1B13-U	XCS-4B13-U	1/2"		Black	Red	Specify	Specify
	XCS-2B13-U	XCS-5B13-U	3/4"					

XCS MOMENTARY CONTACT TWO MINI PUSH BUTTONS AND 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						
XCS-0A15	XCS-1A15	XCS-4A15	1/2"		Red	Red	Stop	Specify
	XCS-2A15	XCS-5A15	3/4"		Green		Start	



CONTROLS XCS SERIES

CONTROL STATIONS EXTERNAL SEALING REQUIRED



Selector Switch



Key Operated

XCS TWO POSITION SELECTOR SWITCH (MAINTAINED)

CATALOG NUMBER			HUB SIZE	TWO POSITION DIAGRAM				NAMEPLATE MARKING
COVER WITH DEVICE	COMPLETE UNITS (BOX & COVER)			LEFT POSITION		RIGHT POSITION		
	DEAD-END	FEED-THRU		LEFT BLOCKS	RIGHT BLOCKS	LEFT BLOCKS	RIGHT BLOCKS	
XCS-0S2A1	XCS-1S2A1	XCS-4S2A1	1/2"					OFF/ON
	XCS-2S2A1	XCS-5S2A1	3/4"					
XCS-0S2A5	XCS-42S2A5	XCS-45S2A5	3/4"					OFF/ON

XCS THREE POSITION SELECTOR SWITCH (MAINTAINED)

CATALOG NUMBER			HUB SIZE	THREE POSITION DIAGRAM						NAMEPLATE MARKING
COVER WITH DEVICE	COMPLETE UNITS (BOX & COVER)			LEFT POSITION		CENTER POSITION		RIGHT POSITION		
	DEAD-END	FEED-THRU		LEFT BLOCKS	RIGHT BLOCKS	LEFT BLOCKS	RIGHT BLOCKS	LEFT BLOCKS	RIGHT BLOCKS	
XCS-0S3C4	XCS-1S3C4	XCS-4S3C4	1/2"							HAND-OFF-AUTO
	XCS-2S3C4	XCS-5S3C4	3/4"							
XCS-0S3C5	XCS-42S3C5	XCS-45S3C5	3/4"							HAND-OFF-AUTO

XCS TWO POSITION KEY OPERATED SELECTOR SWITCH (MAINTAINED)

CATALOG NUMBER			HUB SIZE	TWO POSITION DIAGRAM				NAMEPLATE MARKING
COVER WITH DEVICE	COMPLETE UNITS (BOX & COVER)			LEFT POSITION		RIGHT POSITION		
	DEAD-END	FEED-THRU		LEFT BLOCKS	RIGHT BLOCKS	LEFT BLOCKS	RIGHT BLOCKS	
XCS-0K2A1	XCS-1K2A1	XCS-4K2A1	1/2"					OFF/ON
	XCS-2K2A1	XCS-5K2A1	3/4"					
XCS-0K2A5	XCS-42K2A5	XCS-45K2A5	3/4"					OFF/ON

XCS THREE POSITION KEY OPERATED SELECTOR SWITCH (MAINTAINED)

CATALOG NUMBER			HUB SIZE	THREE POSITION DIAGRAM						NAMEPLATE MARKING
COVER WITH DEVICE	COMPLETE UNITS (BOX & COVER)			LEFT POSITION		CENTER POSITION		RIGHT POSITION		
	DEAD-END	FEED-THRU		LEFT BLOCKS	RIGHT BLOCKS	LEFT BLOCKS	RIGHT BLOCKS	LEFT BLOCKS	RIGHT BLOCKS	
XCS-0K3C4	XCS-1K3C4	XCS-4K3C4	1/2"							HAND-OFF-AUTO
	XCS-2K3C4	XCS-5K3C4	3/4"							
XCS-0K3C5	XCS-42K3C5	XCS-45K3C5	3/4"							HAND-OFF-AUTO



CONTROL STATIONS EXTERNAL SEALING REQUIRED



Selector Switch

XCS SPRING RETURN SELECTOR SWITCH – TWO POSITION SPRING RETURN TO LEFT

CATALOG NUMBER			HUB SIZE	TWO POSITION DIAGRAM – 1N.O./1N.C.				NAMEPLATE MARKING
COVER WITH DEVICE	COMPLETE UNITS (BOX & COVER)			LEFT POSITION		RIGHT POSITION		
	DEAD-END	FEED-THRU		LEFT BLOCK	RIGHT BLOCK	LEFT BLOCK	RIGHT BLOCK	
XCS-0S2L3F	XCS-42S2L3F	XCS-45S2L3F	3/4"					OFF-ON

XCS SPRING RETURN SELECTOR SWITCH – THREE POSITION SPRING RETURN TO CENTER FROM RIGHT AND LEFT

CATALOG NUMBER			HUB SIZE	THREE POSITION DIAGRAM – 2 N.O.						NAMEPLATE MARKING
COVER WITH DEVICE	COMPLETE UNITS (BOX & COVER)			LEFT POSITION		CENTER POSITION		RIGHT POSITION		
	DEAD-END	FEED-THRU		LEFT BLOCK	RIGHT BLOCK	LEFT BLOCK	RIGHT BLOCK	LEFT BLOCK	RIGHT BLOCK	
XCS-0S3M6G	XCS-42S3M6G	XCS-45S3M6G	3/4"							HAND-OFF-AUTO

XCS SPRING RETURN SELECTOR SWITCH – THREE POSITION SPRING RETURN TO CENTER FROM RIGHT, MAINTAIN IN LEFT

CATALOG NUMBER			HUB SIZE	THREE POSITION DIAGRAM – 2 N.O.						NAMEPLATE MARKING
COVER WITH DEVICE	COMPLETE UNITS (BOX & COVER)			LEFT POSITION		CENTER POSITION		RIGHT POSITION		
	DEAD-END	FEED-THRU		LEFT BLOCK	RIGHT BLOCK	LEFT BLOCK	RIGHT BLOCK	LEFT BLOCK	RIGHT BLOCK	
XCS-0S3L6G	XCS-42S3L6G	XCS-45S3L6G	3/4"							HAND-OFF-AUTO

XCS SPRING RETURN SELECTOR SWITCH – THREE POSITION SPRING RETURN TO CENTER FROM LEFT, MAINTAIN IN RIGHT

CATALOG NUMBER			HUB SIZE	THREE POSITION DIAGRAM – 2 N.O.						NAMEPLATE MARKING
COVER WITH DEVICE	COMPLETE UNITS (BOX & COVER)			LEFT POSITION		CENTER POSITION		RIGHT POSITION		
	DEAD-END	FEED-THRU		LEFT BLOCK	RIGHT BLOCK	LEFT BLOCK	RIGHT BLOCK	LEFT BLOCK	RIGHT BLOCK	
XCS-0S3R6G	XCS-42S3R6G	XCS-45S3R6G	3/4"							HAND-OFF-AUTO



CONTROLS XCS SERIES

CONTROL STATIONS EXTERNAL SEALING REQUIRED



Key Operated

XCS KEY OPERATED SPRING RETURN SELECTOR SWITCH – TWO POSITION SPRING RETURN TO LEFT								
CATALOG NUMBER			HUB SIZE	TWO POSITION DIAGRAM – 1 N.O./1 N.C.				NAMEPLATE MARKING
COVER WITH DEVICE	COMPLETE UNITS (BOX & COVER)			LEFT POSITION		RIGHT POSITION		
	DEAD-END	FEED-THRU		LEFT BLOCK	RIGHT BLOCK	LEFT BLOCK	RIGHT BLOCK	
XCS-0K2L3F22D	XCS-42K2L3F22D	XCS-45K2L3F22D	3/4"					OFF-ON

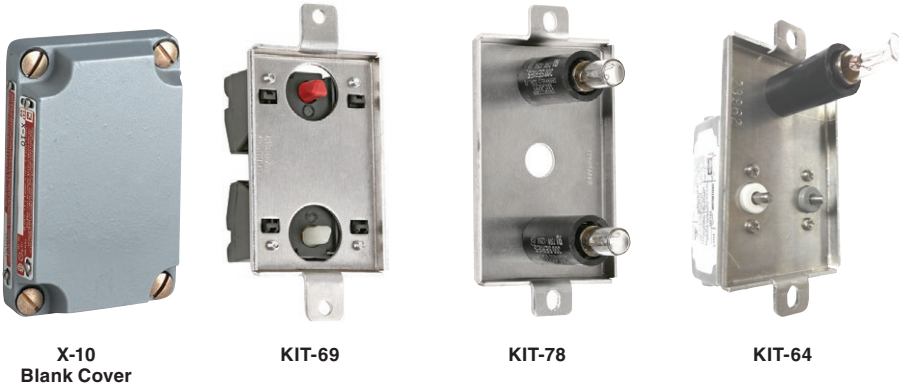
XCS KEY OPERATED SPRING RETURN SELECTOR SWITCH – THREE POSITION SPRING RETURN TO CENTER FROM RIGHT AND LEFT										
CATALOG NUMBER			HUB SIZE	THREE POSITION DIAGRAM – 2 N.O.						NAMEPLATE MARKING
COVER WITH DEVICE	COMPLETE UNITS (BOX & COVER)			LEFT POSITION		CENTER POSITION		RIGHT POSITION		
	DEAD-END	FEED-THRU		LEFT BLOCK	RIGHT BLOCK	LEFT BLOCK	RIGHT BLOCK	LEFT BLOCK	RIGHT BLOCK	
XCS-0K3M6G32D	XCS-42K3M6G32D	XCS-45K3M6G32D	3/4"							HAND-OFF-AUTO

XCS KEY OPERATED SPRING RETURN SELECTOR SWITCH – THREE POSITION SPRING RETURN TO CENTER FROM RIGHT, MAINTAIN IN LEFT										
CATALOG NUMBER			HUB SIZE	THREE POSITION DIAGRAM – 2 N.O.						NAMEPLATE MARKING
COVER WITH DEVICE	COMPLETE UNITS (BOX & COVER)			LEFT POSITION		CENTER POSITION		RIGHT POSITION		
	DEAD-END	FEED-THRU		LEFT BLOCK	RIGHT BLOCK	LEFT BLOCK	RIGHT BLOCK	LEFT BLOCK	RIGHT BLOCK	
XCS-0K3L6G32D	XCS-42K3L6G32D	XCS-45K3L6G32D	3/4"							HAND-OFF-AUTO

XCS KEY OPERATED SPRING RETURN SELECTOR SWITCH – THREE POSITION SPRING RETURN TO CENTER FROM LEFT, MAINTAIN IN RIGHT										
CATALOG NUMBER			HUB SIZE	THREE POSITION DIAGRAM – 2 N.O.						NAMEPLATE MARKING
COVER WITH DEVICE	COMPLETE UNITS (BOX & COVER)			LEFT POSITION		CENTER POSITION		RIGHT POSITION		
	DEAD-END	FEED-THRU		LEFT BLOCK	RIGHT BLOCK	LEFT BLOCK	RIGHT BLOCK	LEFT BLOCK	RIGHT BLOCK	
XCS-0K3R6G32D	XCS-42K3R6G32D	XCS-45K3R6G32D	3/4"							HAND-OFF-AUTO



BLANK ACCESSORIES / REPLACEMENT PARTS



X BLANK AND SPECIAL COVERS	
CAT. NO.	DESCRIPTION
X-10	Blank cover for SWB
X-60	Cover with (1) 3/4" NPSM Hole ^①
X-64	Cover with (2) 3/4" NPSM Holes ^{① ②}

^① For Short length operators.

^② When X-64 cover is used, one operator must be a pilot light due to electrical clearances.

XS REPLACEMENT SWITCH ONLY	
CAT. NO.	DESCRIPTION
KIT-264	Replacement switch for XS-1C
KIT-266	Replacement switch for XS-2C
KIT-263	Replacement switch for XS-6C
KIT-265	Replacement switch for XS-8C

REPLACEMENT XCS COVER INTERIORS SUPPLIED WITH MOUNTING HARDWARE

KIT-62	Interior Device XCS-0A8
KIT-63	Interior Device XCS-0A9
KIT-64	Interior Device XCS-0A15
KIT-66	Interior Device XCS-0B1
KIT-67	Interior Device XCS-0B2
KIT-68	Interior Device XCS-0B3
KIT-69	Interior Device XCS-0B4
KIT-70	Interior Device XCS-0B5
KIT-72	Interior Device XCS-0B7
KIT-73	Interior Device XCS-0B13-C
KIT-74	Interior Device XCS-0B13-O
KIT-75	Interior Device XCS-0B13-U
KIT-76	Interior Device XCS-0B24
KIT-78	Interior Device XCS-0B30

Kits supplied with contacts and lamp sockets mounted to strap for installation on SWB back box.



**Standard
Lockout**



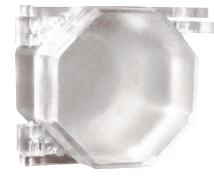
**Miniature
Lockout**



**Selector
Lockout**



**Dust/Weather
Cap**



GOM Lockout

ACCESSORIES					
CATALOG NUMBER					DESCRIPTION
PUSH BUTTON ^① LOCKOUT	SELECTOR LOCKOUT	DUST/WEATHER CAP			
		RED	GREEN	BLACK	
XLOB	G0567-LOK	XDBR	XDBG	XDBB	Standard operator
XLOA	—	—	—	—	Miniature operator

^① Must be factory installed

CATALOG NUMBER GOMLOCK LOCKOUT FOR MAINTAINED PUSH BUTTON COVERS
XCS-OMMR3
FXCS-OMMR3, FXCS - *MMR3-M

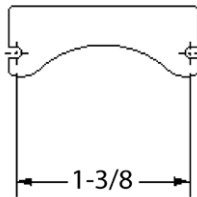
XCS REPLACEMENT COVER SCREWS	
CATALOG NUMBER	DESCRIPTION
00891896	4 Cover Screws
00891898	4 Cover Screws and 2 Strap Screws



CONTROLS XCS SERIES

ACCESSORIES / REPLACEMENT PARTS

CUSTOM LEGEND PLATES (MOUNTING SCREWS INCLUDED)		
CATALOG NUMBER & DESCRIPTION		
PB & PL LEGEND PLATES	2 POS. SEL. SWT. LEGEND PLATES	3 POS. SEL. SWT. LEGEND PLATES
XCSNP-ON	XCSNP-ON-OFF	XCSNP-HAND-OFF-AUT
XCSNP-OFF	XCSNP-OFF-ON	XCSNP-AUT-OFF-HAND
XCSNP-START	XCSNP-OFF-REMOTE	XCSNP-HAND-OFF-REM
XCSNP-STOP	XCSNP-START-STOP	XCSNP-STP-RUN-STRT
XCSNP-ESTOP	XCSNP-UP-DOWN	XCSNP-FWD-OFF-REV
XCSNP-UP	XCSNP-RAISE-LOWER	XCSNP-REV-OFF-FWD
XCSNP-DOWN	XCSNP-HIGH-LOW	XCSNP-RUN-OFF-JOG
XCSNP-FAST	XCSNP-SLOW-FAST	XCSNP-JOG-OFF-RUN
XCSNP-SLOW	XCSNP-START-JOG	XCSNP-SLOW-OFF-FST
XCSNP-IN	XCSNP-RUN-JOG	XCSNP-LOW-OFF-HIGH
XCSNP-OUT	XCSNP-JOG-RUN	XCSNP-RAS-OFF-LOWR
XCSNP-RAISE	XCSNP-FWD-REV	XCSNP-LOCL-OFF-REM
XCSNP-LOWER	XCSNP-HAND-AUTO	XCSNP-1-OFF-2
XCSNP-HIGH	XCSNP-AUTO-HAND	XCSNP-UP-OFF-DOWN
XCSNP-LOW	XCSNP-MANUAL-AUTO	XCSNP-BLANK-3P*
XCSNP-OPEN	XCSNP-SLOW-FAST	
XCSNP-CLOSE	XCSNP-OPEN-CLOSE	
XCSNP-FORWARD	XCSNP-BLANK-2P*	
XCSNP-REVERSE		
XCSNP-READY		
XCSNP-RUN		
XCSNP-RESET		
XCSNP-JOG		
XCSNP-INCH		
XCSNP-TEST		
XCSNP-POWER-ON		
XCSNP-JOG-FORWARD		
XCSNP-JOG-REVERSE		
XCSNP-MOTOR-RUN		
XCSNP-MOTOR-STOP		
XCSNP-PUSH-TO-TEST		
XCSNP-BLANK*		



Drilling Instructions
(if holes not existing)
Drill #44(.086 Dia)
x 3/16 deep. Do not break
through cover.
Install with thread cutting
screws supplied.

* For special markings order blank legend plate and specify marking.



LED Lamps

PILOT LIGHT LED LAMPS (FOR GO SERIES OPERATORS AND XCS/ FXCS CONTROL STATIONS)

CATALOG NUMBER	VOLTS	COLOR
GOLED-A110	110 VAC/DC	Amber
GOLED-B110	110 VAC/DC	Blue
GOLED-G110	110 VAC/DC	Green
GOLED-R110	110 VAC/DC	Red
GOLED-W110	110 VAC/DC	White
GOLED-W24	24 VAC/DC	White
GOLED-W240	220/240 VAC	White



Finger Safe Contact Block

GO STANDARD CONTACT BLOCKS

CATALOG NUMBER	DESCRIPTION	COLOR CODE
GO-8673-BJK	1 N.O.	WHITE
GO-8673-BJJ	1 N.C.	RED
GO-8673-BJH	1 N.O. Early make	GREEN
GO-8673-BJE	1 N.C. Late break	YELLOW
GO-8673-BJKJ	1 N.O./1 N.C.	BLACK



TUMBLER SWITCH



XS-3C

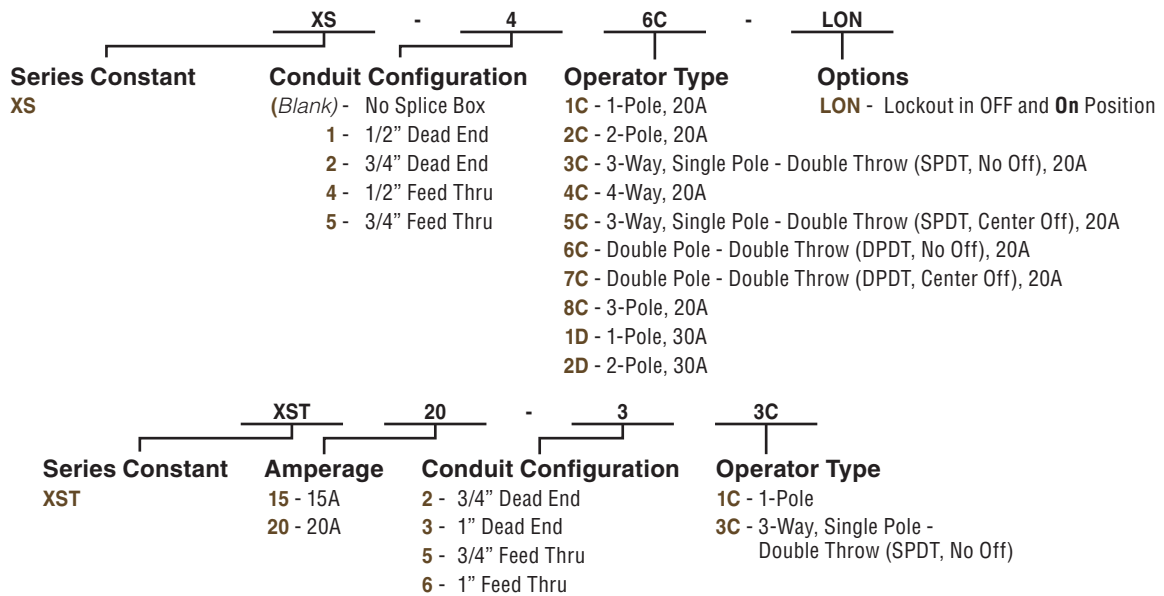


Complete Unit When Assembled

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

LISTED - FILE E53360

Certified - File LR11712





CONTROLS

XS/XST SERIES

TUMBLER SWITCH

XS and XST Series are front lever rotary operated switch assemblies with standard provisions for padlocking in the "OFF" position. The lever is connected to a threaded stainless steel shaft which passes through the cover.

XS TUMBLER SWITCH						
CATALOG NUMBER					SWITCH STYLE	SWITCH RATING
COVER		HUB SIZE	COMPLETE UNITS (BOX, COVER AND SWITCH)			
WITH DEVICE	WITHOUT DEVICE		DEAD-END	FEED-THRU		
XS-1C	XNS-1C	1/2"	XS-11C	XS-41C	1-POLE	20 A, 120/277 VAC, 1Ø; 1 HP at 120 VAC; 2 HP at 240 VAC
		3/4"	XS-21C	XS-51C		
XS-2C	XNS-2C	1/2"	XS-12C	XS-42C	2-POLE	20 A, 120/277 VAC, 1Ø; 1 HP at 120 VAC; 2 HP at 240 VAC
		3/4"	XS-22C	XS-52C		
XS-8C	XNS-8C	1/2"	XS-18C	XS-48C	3-POLE	15 A, 240/480 VAC, 3Ø; 3 HP at 240 VAC; 5 HP at 480 VAC
		3/4"	XS-28C	XS-58C		
XS-3C	XNS-3C	1/2"	XS-13C	XS-43C	3-WAY/ SPDT NO CENTER OFF	20 A, 120/277 VAC, 1Ø; 1 HP at 120 VAC; 2 HP at 240 VAC
		3/4"	XS-23C	XS-53C		
XS-5C	XNS-5C	1/2"	XS-15C	XS-45C	SPDT CENTER OFF	20 A, 120/277 VAC, 1Ø; 1 HP at 120 VAC; 2 HP at 240 VAC
		3/4"	XS-25C	XS-55C		
XS-6C	XNS-6C	1/2"	XS-16C	XS-46C	DPDT NO CENTER OFF	20 A, 120/277 VAC, 1Ø; 1 HP at 120 VAC; 2 HP at 240 VAC
		3/4"	XS-26C	XS-56C		
XS-7C	XNS-7C	1/2"	XS-17C	XS-47C	DPDT CENTER OFF	20 A, 120/277 VAC, 1Ø; 1 HP at 120 VAC; 2 HP at 240 VAC
		3/4"	XS-27C	XS-57C		
XS-1D	XNS-1D	1/2"	XS-11D	XS-41D	1-POLE	30 A, 120/277 VAC, 1Ø; 1 HP at 120 VAC; 2 HP at 240 VAC
		3/4"	XS-21D	XS-51D		
XS-2D	XNS-2D	1/2"	XS-12D	XS-42D	2-POLE	30 A, 120/277 VAC, 1Ø; 1 HP at 120 VAC; 2 HP at 240 VAC
		3/4"	XS-22D	XS-52D		
XS-4C	—	—	—	—	4-WAY	20 A, 120/277 VAC, 1Ø; 1 HP at 120 VAC; 2 HP at 240 VAC

XST TUMBLER SWITCH				
HUB SIZE	CATALOG NUMBER		SWITCH STYLE	SWITCH RATING 347 VAC, 1Ø
	COMPLETE UNITS (BOX, COVER AND SWITCH)			
	DEAD-END	FEED-THRU		
3/4"	XST15-21C	XST15-51C	1-POLE	15A
1"	XST15-31C	XST15-61C		
3/4"	XST20-21C	XST20-51C	1-POLE	20A
1"	XST20-31C	XST20-61C		
3/4"	XST15-23C	XST15-53C	3-WAY/SPDT NO CENTER OFF	15A
1"	XST15-33C	XST15-63C		
3/4"	XST20-23C	XST20-53C	3-WAY/SPDT NO CENTER OFF	20A
1"	XST20-33C	XST20-63C		