

PUSHBUTTONS

XHP: EXPLOSIONPROOF/FLAMEPROOF PUSHBUTTONS



Certifications

Class I, Div. 1 & 2, Groups B, C, & D
 Class II, Div. 1 & 2, Groups E, F, & G
 Class III
 UL1203/CSA C22.2 No. 25 & 30
 UL50
 NEMA Type 4, 7, 9
 NEMA Type 4X (with stainless steel cover both option)

PRODUCT INFORMATION

Features

- Durable die-cast aluminum barrels
- Exposed aluminum components are anodized for superior corrosion and UV resistance
- Heavy-duty nylon buttons
- Long-lasting anodized aluminum heads (mushroom heads only)
- Designed for installation into 3/4" NPSM entries

Material

- Barrels are 6061-T6 aluminum
- Caps are anodized 6061-T6 aluminum
- Buttons are nylon
- Mushroom head buttons are anodized 6061-T6 aluminum

Design Options

- Short and long-barrel (for enclosure covers thicker than 3/4")
- Variety of colors to choose from
- Pad-lock provision (sold separately)
- Guards available
- Various contact block configurations (sold separately)
- Installed in Adalet enclosures with no installation charge
- Mushroom head buttons available as momentary or maintained
- Protective boots available for N4X requirements

PUSHBUTTONS & ACCESSORIES		
Catalog Number	Description	Ship Weight (lbs.)
XHPB*	Long Barrel Momentary Pushbutton	1/2
XHPBS*	Short Barrel Momentary Pushbutton	1/2
XHPBPL*	Long Barrel Momentary Pushbutton w/Pad-lock Provision (holds button in depressed position)	1/2
XHPBSPL*	Short Barrel Momentary Pushbutton w/Pad-lock Provision (holds button in depressed position)	1/2
XHPBM	Long Barrel Red Momentary Mushroom Head Pushbutton	1/2
XHPBMS	Short Barrel Red Momentary Mushroom Head Pushbutton	1/2
XHPPM	Long Barrel Red Maintained Mushroom Head Pushbutton (includes 1NO/1NC contact block)	1/2
XHPPMS	Short Barrel Red Maintained Mushroom Head Pushbutton (includes 1NO/1NC contact block)	1/2
7716	Guard for Mushroom Head Pushbutton	1/4
XBB	Silicone Rubber Protective Boot for XHPB/XHPBS - Black	1/4
XBG	Silicone Rubber Protective Boot for XHPB/XHPBS - Green	1/4
XBR	Silicone Rubber Protective Boot for XHPB/XHPBS - Red	1/4
XHPL	Pad-Lock Cover for XHPB/XHPBS (holds button in depressed position)	1/4
XHPLG	Pad-Lock Cover for XHPB/XHPBS (protects button from unauthorized actuation)	1/4

*Standard pushbutton color is Black. Red and Green available - specify when ordering.

PUSHBUTTONS

XLP: EXPLOSIONPROOF/FLAMEPROOF ILLUMINATED PUSHBUTTONS



Certifications

Class I, Div. 1 & 2, Groups B, C, & D
 Class II, Div. 1 & 2, Groups E, F, & G
 Class III
 UL1203/CSA C22.2 No. 25 & 30
 UL50
 NEMA Type 4, 7, 9
 NEMA Type 4X (with stainless steel cover both option)



XLP_G



XLP_S_G

PRODUCT INFORMATION

Features

- Durable die-cast aluminum barrels
- Exposed aluminum components are anodized for superior corrosion and UV resistance
- Guarded lens for protection against impact
- Designed for installation into 3/4" NPSM entries
- Standard 120V slide-base lamp

Material

- Barrels are 6061-T6 aluminum
- Caps are anodized 6061-T6 aluminum
- Buttons are nylon
- Mushroom head buttons are anodized 6061-T6 aluminum
- Lenses are tempered glass

Design Options

- Short and long-barrel (for enclosure covers thicker than 3/4")
- Variety of colors to choose from
- LED or incandescent bulbs – 12V, 24V, and 120V options
- Various contact block configurations (sold separately)
- Installed in Adalet enclosures with no installation charge
- Protective boots available for N4X requirements

LONG BARREL				
LED Catalog Number	Incandescent Catalog Number	ATEX-LED Catalog Number	Description	Ship Weight (lbs.)
XLPA-L-G	XLPA-G	XLPA-X-G	Guarded with Amber Lens	1/2
XLPL-L-G	XLPL-G	XLPL-X-G	Guarded with Blue Lens	1/2
XLPL-L-G	XLPL-G	XLPL-X-G	Guarded with Clear Lens	1/2
XLPL-L-G	XLPL-G	XLPL-X-G	Guarded with Green Lens	1/2
XLPL-L-G	XLPL-G	XLPL-X-G	Guarded with Red Lens	1/2
XLPL-L-G	XLPL-G	XLPL-X-G	Guarded with White Lens	1

SHORT BARREL				
LED Catalog Number	Incandescent Catalog Number	ATEX-LED Catalog Number	Description	Ship Weight (lbs.)
XLPS-L-G	XLPS-G	XLPS-X-G	Guarded with Amber Lens	1/2
XLPS-L-G	XLPS-G	XLPS-X-G	Guarded with Blue Lens	1/2
XLPS-L-G	XLPS-G	XLPS-X-G	Guarded with Clear Lens	1/2
XLPS-L-G	XLPS-G	XLPS-X-G	Guarded with Green Lens	1/2
XLPS-L-G	XLPS-G	XLPS-X-G	Guarded with Red Lens	1/2
XLPS-L-G	XLPS-G	XLPS-X-G	Guarded with White Lens	1/2

PUSHBUTTONS

XHP: EXPLOSIONPROOF/FLAMEPROOF PUSHBUTTONS



XHDPB

Certifications



Class I, Div. 1 & 2, Groups B, C, & D
Class II, Div. 1 & 2, Groups E, F, & G
Class III

UL1203/CSA C22.2 No. 25 & 30
UL50

NEMA Type 4, 7, 9

NEMA Type 4X (with stainless steel cover both option)

PRODUCT INFORMATION

Features

- Durable die-cast aluminum barrels
- Exposed aluminum components are anodized for superior corrosion and UV resistance
- Heavy-duty nylon buttons (one green, one red), pre-stamped "START" and "STOP"
- Long-lasting anodized aluminum heads (mushroom heads only)
- Designed for installation into 3/4" NPSM entries

Material

- Barrels are 6061-T6 aluminum
- Caps are anodized 6061-T6 aluminum
- Buttons are nylon

Design Options

- Short and long-barrel (for enclosure covers thicker than 3/4")
- Pad-lock provision (sold separately)
- Various contact block configurations
- Installed in Adalet enclosures with no installation charge

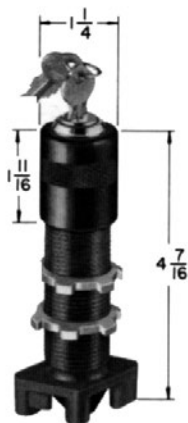
PUSHBUTTONS & ACCESSORIES		
Catalog Number	Description	Ship Weight (lbs.)
XHDPB	Long Barrel Momentary Pushbutton	1/2
XHDPBS	Short Barrel Momentary Pushbutton	1/2
XHDPL	Padlock Device for Dual Pushbutton	1/2

*Two contacts in the BT contact block are actuated independently

LEGEND PLATES AT END OF SECTION

SELECTOR SWITCHES

XHK: KEYLOCK SELECTOR SWITCH OPERATORS



XHKSS



XHKSSS

FOR 2-POSITION

Key removable in one position only. For key removal in two positions, consult factory.

FOR 3-POSITION

Key normally removable in one position only specify right, center or left. For key removal in more than one position, consult factory.

Certifications



Class I, Div. 1 & 2, Groups B, C, & D

Class II, Groups E, F, & G

NEMA Type 3, 4, 7, 9

PRODUCT INFORMATION

Features

- The barrels are all 3/4" NPSM thread. Max. installation thickness: 1-15/16" long barrel, 3/4" short barrel.
- Selector switch operators can be used as 2 position or 3 position by removal of knob and rotating knob 180°.
- The actuator cam which operates the plungers on the contact blocks can be readily changed for various contact sequences. FOR 3 POSITION, ORDERS MUST STATE CAM NUMBER.
- The exposed metal parts are black anodized aluminum.
- Contact blocks are not included with operators. Select contact block and sequence operating cam from contact block page.

LONG BARREL				
Catalog Number	Cam	# Pos.	Operator Description	Weight (lbs.)
XHKSS		2/3	Long Barrel	1/2
XHKSC*		3	Spring Return to Center from Right and Left	1/2
XHKSSR2	2	2	Spring Return to Left from Right	1/2
XHKSR		3	Spring Return to Center from Right, Maintain Left	1/2
XHKSL2	4	2	Spring Return to Right from Left	1/2
XHKSL		3	Spring Return to Center from Left, Maintain Right	1/2

SHORT BARREL				
Catalog Number	Cam	# Pos.	Operator Description	Weight (lbs.)
XHKSSS		2/3 POS	Surface Mount	1/2
XHKSSC*		3	Spring Return to Center from Right and Left	1/2
XHKSSR2	2	2	Spring Return to Left from Right	1/2
XHKSSR		3	Spring Return to Center from Right, Maintain Left	1/2
XHKSSL2	4	2	Spring Return to Right from Left	1/2
XHKSSL		3	Spring Return to Center from Left, Maintain Right	1/2

XPO: POTENTIOMETER & SWITCH OPERATORS



Catalog Number	Operator Description	Mounting	Weight (lbs.)
XPO	Plain Dial	Panel	1/2
XPOL	Plain Dial	Large Size Panel	1/2
XPOS	Plain Dial	Surface	1/2
XPOSL	Plain Dial	Large Size Surface	1/2

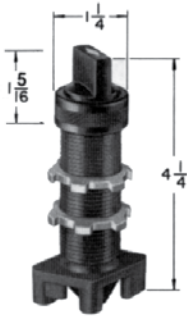
PRODUCT INFORMATION

Features

- Die cast aluminum alloy. The barrels are all 3/4" NPSM thread. 1/4" diameter shafts. Maximum installation thickness: 1-15/16" long barrel, 3/4" short barrel.
- XPO-XPOS have knob and dial marked 1 to 100. Two dial sizes are available.
- XPOC-XPOCS have 15 turn counting dial.
- Operators include 3 pc. coupling and device mounting bracket.
- Potentiometers not furnished, consult factory.

SELECTOR SWITCHES

XHS: SELECTOR SWITCH OPERATORS



XHSS Series



XHSSS Series



XHSSPL



XHSSSPL

Certifications



Class I, Div. 1, Groups B, C, & D
Class II, Groups E, F, & G
NEMA Type 7, 9

PRODUCT INFORMATION

Features

- Die cast aluminum alloy. The barrels are all 3/4" NPSM thread. Maximum installation thickness: 1 15/16" long barrel, 3/4" short barrel.
- Specify 2 position or 3 position. For 3-position, order must specify cam (see contact block page for contact sequence chart).
- All operators have black molded nylon knobs. The exposed metal parts are black anodized aluminum. Metal caps are also available in blue, gold, clear, red or green with black knobs. Specify colors required.
- Contact blocks are not included with XHSS operators. Select contact block and sequence operating cam from contact block page. (See accessories at end of section)

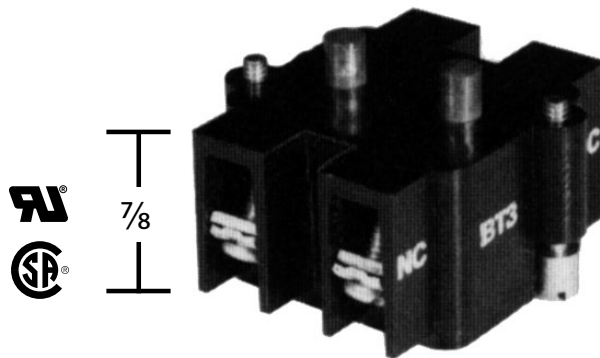
LONG BARREL				
Catalog Number	Cam	# Pos.	Operator Description	Weight (lbs.)
XHSS		2/3 POS	Long Barrel	1/2
XHSC*		3	Spring Return to Center from Right and Left	1/2
XHSR2	2	2	Spring Return to Left from Right	1/2
XHSR		3	Spring Return to Center from Right, Maintain Left	1/2
XHSL2	4	2	Spring Return to Right from Left	1/2
XHSL		3	Spring Return to Center from Left, Maintain Right	1/2

SHORT BARREL				
Catalog Number	Cam	# Pos.	Operator Description	Weight (lbs.)
XHSSS		2/3 POS	Short Barrel	1/2
XHSSC*		3	Spring Return to Center from Right and Left	1/2
XHSSR2	2	2	Spring Return to Left from Right	1/2
XHSSR		3	Spring Return to Center from Right, Maintain Left	1/2
XHSSL2	4	2	Spring Return to Right from Left	1/2
XHSSL		3	Spring Return to Center from Left, Maintain Right	1/2

SHORT BARREL		
Catalog Number	Operator Description	Weight (lbs.)
XHSSPL	w/ padlock device Long Barrel	3/4
XHSSSPL	w/ padlock device Short Barrel	3/4

CONTACT BLOCKS

600 VOLTS AC MAXIMUM CONTACT BLOCKS FOR PUSHBUTTONS & SELECTOR SWITCHES



Series BT Contact Blocks Extend 7/8" beyond operator.

Contact Blocks can be stacked for multiple circuits. Max Four.

SERIES BT				
Catalog Number	Contact Block	Pushbutton	Selector Switch	Weight (lbs.)
BT1A	One Open and One Closed	1 NO 1 NC	See Chart Specify CAM and Contact Block	1/10 lb
BT1B	One Closed and One Open (this is BT1A block 1 rotated 180 degrees when assembled to operator)	1 NC 1 NO	See Chart Specify CAM and Contact Block	1/10 lb
BT2	Two Open	1 NO 1 NO	See Chart Specify CAM and Contact Block	1/10 lb
BT3	Two Closed	1 NC 1 NC	See Chart Specify CAM and Contact Block	1/10 lb
BT4	One Open	1 NO	See Chart Specify CAM and Contact Block	1/10 lb
BT5	One Closed	1 NC	See Chart Specify CAM and Contact Block	1/10 lb
BT44	Two Open	1 NC 1 NO	See Chart Specify CAM and Contact Block	1/10 lb
BT44	Two Closed	1 NO 1 NC	See Chart Specify CAM and Contact Block	1/10 lb

CONTACT SEQUENCE CHART									
Circuit of Contact Block	Contact Block Number		Cam 1 Contact Sequence	Cam 2 Contact Sequence	Cam 3 Contact Sequence	Cam 4 Contact Sequence	Cam 5 Contact Sequence	Cam 6 Contact Sequence	
O = Contact Open X = Contact Closed									
Normally Closed (NC)	BT1A	Circuit A	X O	O X O	O X X	X O O	O X X	X O O	
Normally Open (NO)		Circuit B	O X	O O X	O O X	O X O	X X O	O X O	
Normally Closed (NC)	BT1B*	Circuit A	X O	X X O	X X O	X O X	O O X	O O X	
Normally Open (NO)		Circuit B	O X	X O X	X O O	O X X	X O O	O O X	
Normally Open (NO)	BT2	Circuit A	O X	X O X	X O O	O X X	X O O	O O X	
Normally Open (NO)		Circuit B	O X	O O X	O O X	O X O	X X O	O X O	
Normally Closed (NC)	BT3	Circuit A	X O	O X O	O X X	X O O	O X X	X O O	
Normally Closed (NC)		Circuit B	X O	X X O	X X O	X O X	O O X	O O X	

* This contact block is same as BT1A one N.C. and one N.O. except rotated 180° when assembled to operator.

MAX RATING: TYPE BT CONTACT BLOCKS								
Volts	AC				DC			
	110	220	440	550	24/28	120	240	600
Make & Emergency Interrupting Capacity A	60.	30.	15.	12.	5.7	1.1	0.5	0.2
Normal Load Break A	6.	3.	1.5	1.2	5.7	1.1	0.5	0.2
Continuous Current A	10.	10.	10.	10.	5.	10.	10.	10.5

INDICATOR LIGHTS

GUARDED INDICATOR LIGHTS



XL_-GH



XL_-GCH

Certifications



Class I, Div. 1, Groups C, & D
Class II, Groups E, F, & G
NEMA Type 3, 4, 7, 9

PRODUCT INFORMATION

Features

- Explosionproof indicator lights are suitable for long barrel or short barrel applications.
- Sealed construction and can be relamped from the front by removal of lens cap.
- Made with 3/4" NPSM threads.
- 8" flexible leads, other lengths on special order, or screw terminal (suffix T).
- All lens caps are black anodized aluminum finish.
- **Maximum installation thickness:** 1-11/16" on Long Series, 5/8" on Short Series.
- **Standard Series:** Equipped with candelabra base receptacles and 6 watt 120 volt 6S6 Clear 1500 hr. avg. lamps. Also available with 12 or 24 volt lamps. Specify voltage desired.
- **Slide Base Series:** Equipped with slide base receptacles and 120 volt 5000 hr. avg. lamps with slide base. Also available with 12 or 24 volt lamps. Specify voltage desired.

STANDARD SERIES

Long Barrel Cat #	Short Barrel Cat #	Description	Weight (lbs.)
XLA-GH	XLSA-GH	Amber Lens	1/2
XLB-GH	XLSB-GH	Blue Lens	1/2
XLC-GH	XLSC-GH	Clear Lens	1/2
XLG-GH	XLSG-GH	Green Lens	1/2
XLR-GH	XLSR-GH	Red Lens	1/2
XLW-GH	XLSW-GH	White Lens	1/2

SLIDE BASE SERIES

Long Barrel Cat #	Short Barrel Cat #	Description	Weight (lbs.)
XLAS-GH	XLSAS-GH	Amber Lens	1/2
XLBS-GH	XLSBS-GH	Blue Lens	1/2
XLCS-GH	XLSCS-GH	Clear Lens	1/2
XLGS-GH	XLSGS-GH	Green Lens	1/2
XLRS-GH	XLSRS-GH	Red Lens	1/2
XLWS-GH	XLSWS-GH	White Lens	1/2

REPLACEMENT CAP

Catalog Number	Description	Weight (lbs.)
XLA-GCH	Amber Lens	1/8
XLB-GCH	Blue Lens	1/8
XLC-GCH	Clear Lens	1/8
XLG-GCH	Green Lens	1/8
XLR-GCH	Red Lens	1/8
XLW-GCH	White Lens	1/8

LED INDICATOR LIGHTS

GUARDED LED INDICATOR LIGHTS



LISTED
437S

Certifications

Class I, Div. 1, Groups B, C, & D

Class II, Groups E, F, & G

NEMA Type 3, 4, 7, 9



XL_L-GH

PRODUCT INFORMATION

Features

- Suitable for long barrel and short barrel applications. All candelabra base LED lights can be relamped from the front by removal of the lens cap.
- Made with 3/4" NPSM threads.
- All LED indicator lights have 8" flexible leads, other lengths on special order, or screw terminal.
- Add suffix T to P/N for screw terminal.
- All lens caps are black anodized aluminum finish with colored glass lens.
- **Maximum installation thickness:** 1-11/16" on Long Barrel (Long Series), 5/8" on Short Barrel (Short Series).

LED Advantages

- 10 Year/100,000 hour service life under normal ambient conditions.
- Up to 4x more energy efficient.
- Improved resistance to shock and vibration.
- LEDs operate significantly cooler than traditional lamps.
- Ultra bright cluster LED's.

STANDARD SERIES

Long Barrel Cat #	Short Barrel Cat #	Description	Weight (lbs.)
XLRL-GH	XLSSL-GH	Red	1/2
XLAL-GH	XLSSL-GH	Amber	1/2
XLGL-GH	XLSSL-GH	Green	1/2
XLWL-GH	XLSSL-GH	White	1/2
XLBL-GH	XLSSL-GH	Blue	1/2

*Add suffix T to P/N for screw terminal (Example: XLRLT-GH)

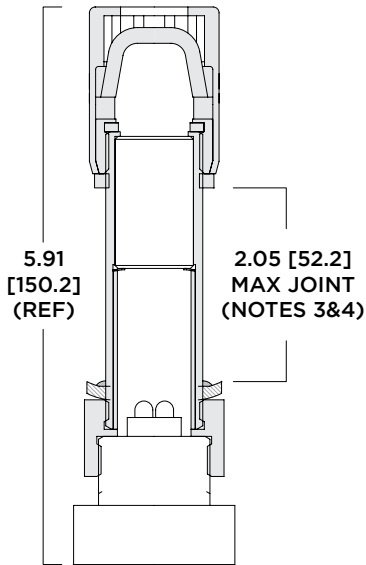
120V dual polarity supplied as standard.

12 or 24 volts optional, consult factory.

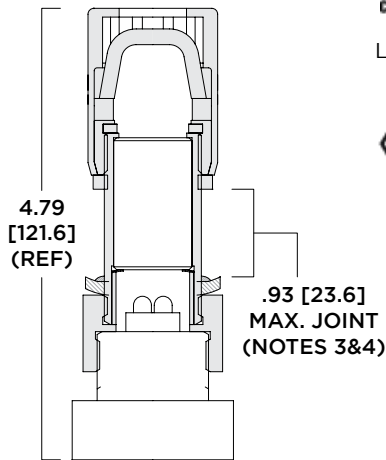
ATEX LED INDICATOR LIGHTS

ATEX CERTIFIED LED INDICATOR LIGHTS

XLX _ _ - G
LONG BODY
CLASSIC GUARDED CAP



XLXS _ _ - G
SHORT BODY
CLASSIC GUARDED CAP



LISTED
437S



Certifications

ATEX Directive 94/9/EC
UL 60079-0/UL 60079-1
IEC 60079-0 / IEC 60079-1
UL 698 / UL 1203 / CSA C22.2, No.30
UL 50
IEC 60529
DEMKO Certificate: 05 ATEX 0530154U
EEx d IIB+H2 T6 Tamb -20° C to +55° C
Class I, Zone 1, AEx d IIB+H2 T6 Tamb -20° C to +55° C
Ex d IIB+H2 T6 Tamb -20° C to +55° C
Class I, Division 1, Groups B, C & D;
Class II, Groups E, F & G
IP66
Type 4, 4X, 7 & 9
CE 0539 II 2 GD

PRODUCT INFORMATION

Features

- Explosionproof indicator lights are suitable for long barrel or short barrel applications. Safety Lamps located inside enclosure (not under lens cap) for worry-free operation.
- Configurable: Your choice of color, short or long lengths, guarded or unguarded caps, and 120 or 240 Volt lamps.
- 240 Volt Power Option Use optional resistor type base for 240V applications.
- Low Maintenance - 10 year/100,000 service life under normal ambient conditions.
- Efficient 4x more efficient than standard incandescent bulbs.
- Improved Visibility Utilizes ultra-bright cluster LED's.

	XLX	S	R	120 - G
BASE CATALOG NUMBER	_____			
BODY LENGTH ³	_____			
- NONE = Long	- S = Short			
COLOR OF LENS & LAMP ²	_____			
- R = Red	- B = Blue			
- A = Amber (Yellow)	- W = White			
- G = Green				
VOLTAGE ¹	_____			
- 120, 240 (optional voltages available within range 5-120, consult factory.)				
CAP	_____			
- G = Guarded Classic Cap				

¹ 240 Volt lamp requires optional resistor type base (P/N 31216-1). Maximum lamp Voltage is 120.

² Color of lamp and lens are normally the same. White lamp uses clear lens cap.

³ Minimum length of threaded joint = seven threads (Group B), = five threads (Group C).

⁴ Maximum installation thickness shown for classic guarded models may be increased .15" by discarding knurled lock ring. Minimum length of threaded joint must be satisfied.

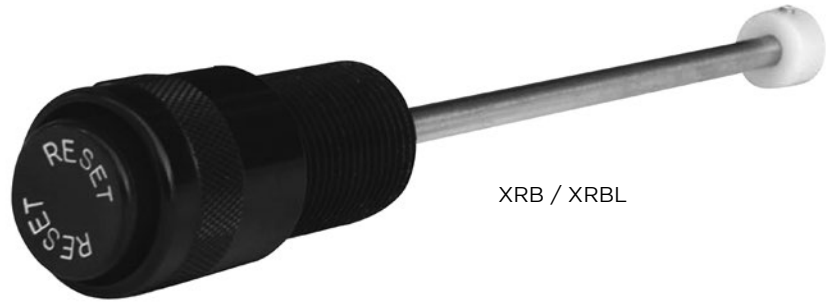
EXPLOSIONPROOF OPERATOR DEVICES

SPECIAL OPERATORS

XCE: EXPLOSIONPROOF CONTROL ENCLOSURES

Certifications

Class I, Groups B, C, & D
Class II, Groups E, F, & G
NEMA Type 3, 4, 7, 9



PRODUCT INFORMATION

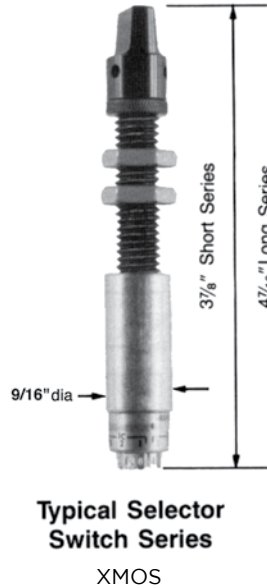
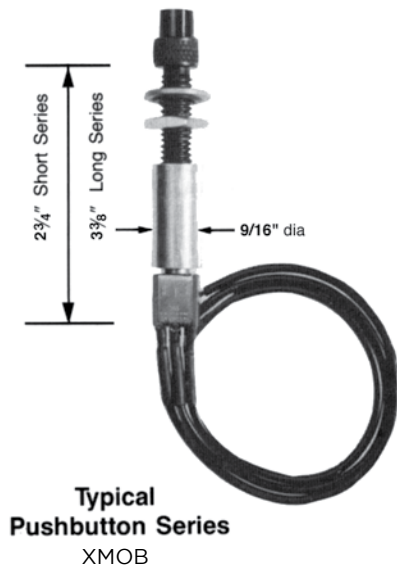
Features

- Used for resetting contactors, relays, etc. in explosionproof and weather-proof enclosures. Made with 3/4" NPSM threaded stem.
- Standard operating shaft length 6" can be cut to length. Special lengths are also available. Use XRBL for wall thickness greater than 3/4".

RESET BUTTON		
Catalog Number	Description	Weight (lbs.)
XRB	Reset Button - Short	1/2
XRBL	Reset Button -Long	1/2

MINIATURE OPERATORS

MINIATURE OPERATORS



Certifications



Class I, Groups B, C, & D
Class II, Groups E, F, & G
NEMA Type 4, 7, 9

PRODUCT INFORMATION

Features

- Reduce size of control enclosure requirements in hazardous environments.
- Mount on 1" centers vs. standard operators requiring 2 1/2" centers.
- No special enclosures required; can be installed in most Adalet standard explosionproof enclosures.
- 3/8"-16 UNC thread size body.
- Black anodized body, cap, button or knob
- Two lengths available: Long Series Accommodates up to 1 9/16" enclosure wall thickness. Short Series Accommodates up to 13/16" enclosure wall thickness
- Stainless steel actuator shaft.
- Optional red or green button (Pushbutton Operator only)

PUSHBUTTONS			
Long Barrel Cat #	Short Barrel Cat #	Contact Configuring	Weight
XMOB-1	XMOBS-1	SPDT maintained	1 oz.
XMOB-2	XMOBS-2	SPDT momentary	1 oz.

- Solid silver contacts rated 5 amps at 125 VAC, 3 amps at 250 VAC.
- Insulation resistance 1000 megohm minimum.
- Furnished with contact block having 8" wire leads, other lengths available.
- Optional red or green button (Pushbutton Operator only)

PUSHBUTTONS			
Long Barrel Cat #	Short Barrel Cat #	Contact Configuring	Weight
XMOS-1	XMOSS-1	Single Pole, 12 position	1oz.
XMOS-2	XMOSS-2	Double Pole, 5 position	1oz.
XMOS-3	XMOSS-3	Three Pole, 3 position	1oz.

- Selector switches provided with internal adjustable stop.
- Silver contacts rated 150 m.a. at 30 VAC, NEC CL 2 circuit.
- Insulation resistance 10,000 megohms minimum.
- Furnished with contact block having solder type wire connectors.

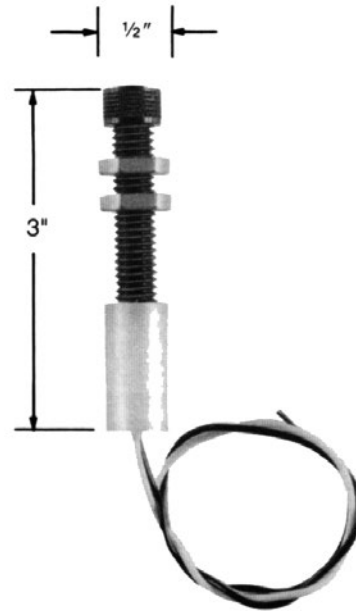
MINIATURE OPERATORS

INDICATOR LED LIGHT

Certifications



Class I, Groups B, C, & D
Class II, Groups E, F, & G
NEMA Type 4, 7, 9



PRODUCT INFORMATION

Features

- Up to 100,000 hours lamp life.
- Standard 12 VDC furnished. Optional 24 VDC, or 12, 24, 120 VAC available.
- Black anodized body and lens cap.
- 3/8" - 16 UNC thread size body.
- One length-accommodates up to 1 5/16" enclosure wall thickness.
- Furnished with 8" flexible wire leads, other lengths available.

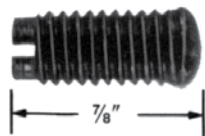
PUSHBUTTONS		
Catalog Number	Operator Description	Weight
XMOLR	Red Indicator Light	1oz
XMOLA	Amber Indicator Light	1oz
XMOLG	Green Indicator Light	1oz

ACCESSORIES

CLOSE UP PLUGS FOR UNUSED OPERATOR OPENINGS



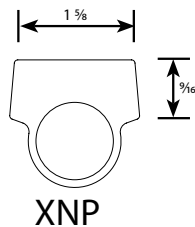
XPPH3
Black Anodized



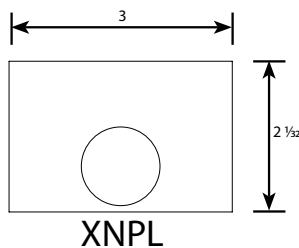
CLOSE UP PLUGS		
Catalog Number	Operator Description	Weight
XPPH3	3/4" NPSM	3/4 oz
XPPH3-N4	3/4" NPSM Type 4	3/4 oz

CLOSE UP PLUGS	
Catalog Number	Weight
XMPP	1/2 oz.

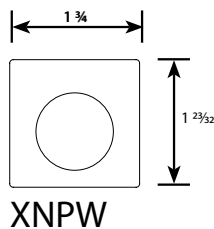
LEGEND PLATES



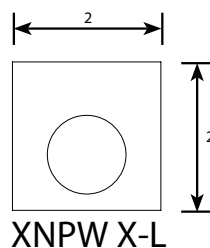
XNP



XNPL



XNPW_



XNPW X-L

PRODUCT INFORMATION

Features

- Legend plates are anodized aluminum with engraved letters on black background (XNP).
 - Stop has red and start has green background.
 - Special engraved legend plates can be supplied.
 - Legend plate has foam gasket backing for use with protective boots for sealing.
- Engraving 1 line only see Price List (XNPW).

SPECIFY LEGEND PLATE		
Catalog Number	Operator Description	Weight (lbs.)
XNP	Specify Legend	1
XNPL	Specify Legend	1

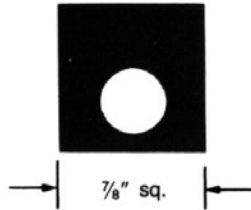
LEGEND PLATES		
Catalog Number	Operator Description	Weight (lbs.)
XNPWB	Black Blank Legend Plate	1
XNPWG	Green Blank Legend Plate	1
XNPWR	Red Blank Legend Plate	1
XNPW XL	Specify Legend	1

STANDARD MARKING					
FOR PUSHBUTTON			FOR SELECTOR SWITCHES		
Blank	Slow	Reset	Run-Jog	Open-Off-Close	
Start	Open	In	Hand-Auto	Fast-Off-Slow	
Inch	Close	Out	Forward-Reverse	Run-Auto-Jog	
Stop	Up	Left	Fast-Slow	Hand-Off-Auto	
Run	Jog	Right	Open-Close	Forward-Off-Reverse	
Forward	On	Low	Up-Down	1-Off-2	
Reverse	Off	High	Off-On	Up-Off-Down	
Fast	Back	Down			
		E-Stop			

EXPLOSIONPROOF OPERATOR DEVICES

ACCESSORIES

LEGEND PLATES STANDARD MARKING



LEGEND PLATES		
Catalog Number	Operator Description	Weight
XMNP	Specify legend	1/2 oz.

STANDARD MARKING							
FOR PUSHBUTTON				FOR SELECTOR SWITCHES			
(BLANK)	SLOW	RESET	START	RUN-JOG			
OPEN	IN	INCH	CLOSE	HAND-AUTO			
OUT	STOP	UP	LEFT	FWD-REV			
RUN	JOG	RIGHT	FORWARD	FAST-SLOW			
ON	LOW	REVERSE	OFF	OFF-ON			
HIGH	FAST	BACK		OPEN-CLOSE			
				UP-DOWN			

PUSHBUTTON & SELECTOR SWITCH COMPONENTS



XHDPL
Padlock Device for Dual
Pushbutton

PRODUCT INFORMATION

Features

- Operator locking caps and actuator devices can be adapted to existing explosion proof operators.
- Simple installation requires removal of top cap and threading on thereplacement unit.

PUSHBUTTON & SELECTOR SWITCH		
Catalog Number	Description	Weight (lbs.)
XHDPL	Padlock Device for Dual Pushbutton	1/4
XHPL	Padlock Device to activate Pushbutton (Not Shown)	1/4
XHSPL	Padlock Device for Selector Switch (Not Shown)	1/4
XHPLG	Padlockable Pushbutton Cover (Not Shown)	1/4

OPERATOR PROTECTIVE BOOTS



Selector Switch Cap
XBSB



Pushbutton Cap
XBB

PRODUCT INFORMATION

Features

- Molded silicone rubber, protective boots for use with explosion proof operators in extremely wet-dirty locations. Makes operators suitable for NEMA 3, 4, 4X, 5, 7, 9, 12,13 application.
- Boot and metal collar are an integral assembly available as a factory adder or a field replacement.
- Simple installation requires removal of existing cap and threading on the replacement.

PUSHBUTTON & SELECTOR SWITCH		
Catalog Number	Description	Weight
XBB	Black Pushbutton Cap	1 oz
XBG	Green Pushbutton Cap	1 oz
XBR	Red Pushbutton Cap	1 oz
XBSB	Black Selector Switch Cap	1 oz
XBSG	Green Selector Switch Cap	1 oz
XBSR	Red Selector Switch Cap	1 oz
XBPC	Clear Pilot Light Pushbutton Cap	1 oz

* To order as complete operator, add part # as suffix

FLAME ARRESTOR

FLAME ARRESTOR FITTING



XFA2 Certifications



Class I, C, & D

UL 866



CSA C22.2 No. 30

XFAX2* Certifications



Class I, Groups B, C & D

UL 886



CSA C22.2 No. 30



NEMA 7

0539 Ⓔ II 2 G

ATEX DIRECTIVE 94/9/EC

EEx d IIB

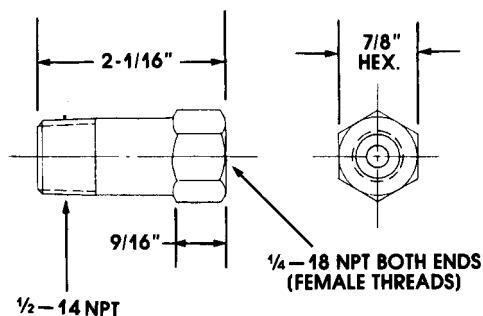
*ATEX Application note:

Maximum Enclosure Volume 41000 cm³ (2500 in³)

PRODUCT INFORMATION

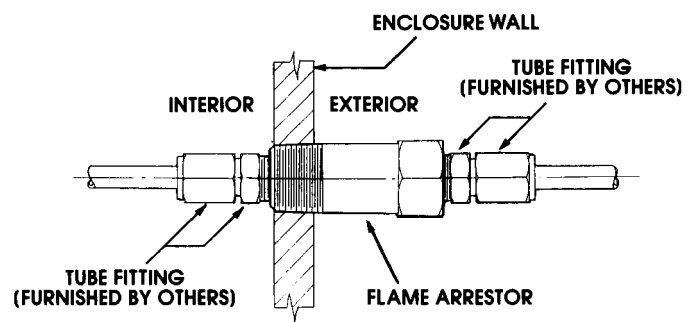
Features

- Provides thru-wall connections of tubing systems for electro/pneumatic and gas analysis devices installed within Adalet's explosionproof enclosures.
- The flame arrestor fitting is designed to prevent flame propagation thru tubing systems with minimum flow restrictions of control pressures.
- Manufactured from stainless steel.
- Weight: 4 oz.



FLAME ARRESTORS		
Catalog Number	Thread	Control Restrictions
XFA2	1/2 NPT	0.5 PSI drop at 20 CFH airflow 1.3 PSI drop at 34 CFH airflow
XFAX2	1/2 NPT	1 PSI drop at 18 CFH airflow 5 PSI drop at 53 CFH airflow

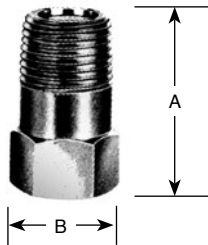
TYPICAL FIELD INSTALLATION



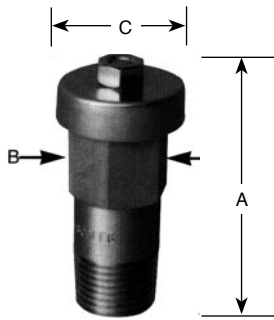
Exterior enclosure wall counter boring may be required to maintain 1/2" enclosure wall thickness for ease of field connections.

BREATHER/DRAINS

COMBINATION BREATHER/DRAINS XDB SERIES



XDB2



XDBH2

Certifications



Class I, Groups C & D
Class II, Groups E, F & G
Class III



UL Standard 886
CSA Standard C22.2 No. 30

*ATEX Application note:
Maximum Enclosure Volume 41000 cm³ (2500 in³)

PRODUCT INFORMATION

Features

- Stainless steel combination breather drain. Install in top of enclosures as breather. Install in bottom of enclosure as drain.

NOMINAL DIMENSIONS (inches)

Catalog Number	Thread	A	B
XDB2	1/2 NPT	1 5/8	7/8

Certifications



Class I, Groups A, B, C & D
Class II, Groups E, F & G
Class III

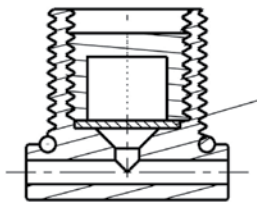


UL Standard 886
CSA Standard C22.2 No. 30
ATEX EExd IIB DEMKO

NOMINAL DIMENSIONS (inches)

Catalog Number	Thread	A	B	
XDBH2	1/2 NPT	2 7/16	7/8 HEX	1 1/4

COMBINATION BREATHER/DRAINS TYPE BD SERIES



BD Series

Certifications



Class I, Div 1 Groups A, B, C & D
AExd IIC / AExe II Class I, Zone 1
II 2 GD Exd IIC/Exe II Category 2 & 3



CSA Standard C22.2 No. 30



PRODUCT INFORMATION

Features

- Allows the air inside an 'Ex d' Flameproof or Class I, Div 1 enclosure to breathe with the surrounding atmosphere.
- Allows any moisture that enters the enclosure to drain while maintaining the overall integrity of the installation.

PART NUMBER BUILD **Bd 20 N NT**

BASE CATALOG NUMBER

THREAD DESIGNATION						
Metric	NPT	NPS	ISO	ISO	ET	PG
20	1/2	1/2S	1/2P	1/2T	3/4E	13
25	3/4	3/4S	3/4P	3/4T	1E	16P

MATERIAL

Nickel Plated Brass - N
316 Stainless Steel - S

O-RING

Nitrile (std.) - NT
Silicone - SC