

PUSH BUTTONS

Explosionproof & Dust-Tight Push Buttons

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

STANDARD FEATURES

- All operators are die cast aluminum alloy. The barrels are all 3/4" NPSM thread. Maximum installation thickness 1 3/4" long barrel, 3/4" short barrel.
- Black molded nylon buttons. The exposed metal parts are black anodized aluminum. For color coding we will furnish at no additional cost the following color combinations: Red buttons with red metal caps and green buttons with green metal caps. Metal caps are also available in blue, gold or clear with black buttons. Specify colors required.
- Red Mushroom head buttons are 1 3/4" diameter anodized aluminum. Also available in black or green.
- XHPBPL has padlock attachment on top of cap allowing operator to be locked with the push button depressed.
- For use with BT contact blocks. Contact blocks can be stacked for multiple circuits. Contact blocks are not included with the operators.
- XHPPM/XHPPMS require 2" minimum spacing.
- XHPB pushbuttons are momentary.
- XHPP pushbuttons are maintained.

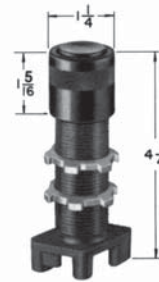
FOR USE WITH SERIES BT CONTACT BLOCKS

Catalog #	Operator Description	Weight (lbs.)
XHPB	Long Barrel	1/2
XHPBS	Short Barrel	1/2
XHPBM	Red Mushroom Head, Long Barrel	1/2
XHPBMS	Red Mushroom Head, Short Barrel	1/2
XHPBPL	W/Padlock devices, Long Barrel	3/4
XHPBSPL	W/Padlock devices, Short Barrel	3/4
XHPPM*	Push/Pull switches, Long Barrel	3/4
XHPPMS*	Push/Pull switches, Short Barrel	3/4

*Type BT1 contact block is included

LEGEND PLATES AT END OF SECTION

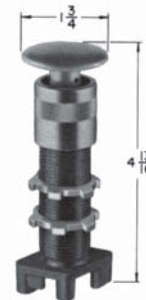
NOTE For extremely wet-dirty location applications, XHPB and XHPBS series are available to be used with protective boots.



XHPB



XHPBS



XHPBM



XHPBMS



XHPPM



XHPPMS



XHPBPL

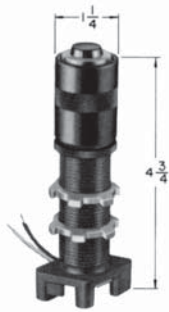


XHPBSPL

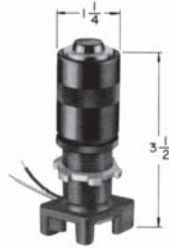
PUSH BUTTONS

Indicator Light/Push Button Push-To-Test Operators

**Class I, Groups C & D
Class II, Groups E, F & G
NEMA 7 & 9**



XLP Long Series
(Long Barrel)



XLPS Short Series
(Short Barrel)

STANDARD FEATURES

- Die cast aluminum alloy. The barrels are all $\frac{3}{4}$ " NPSM thread. Maximum installation thickness 1 $\frac{15}{16}$ " Long Barrel, $\frac{3}{4}$ " Short Barrel.
- Furnished standard with 120 volt slide base lamp. Also available for 6, 12, 24, 28, 48 and 60 volts. Specify when ordering.
- For use with BT contact blocks. Contact blocks can be stacked for multiple circuits. Contact blocks are not included with the operators. For NEMA 4 application, add boot and special legend plate. (See accessories at end of section)

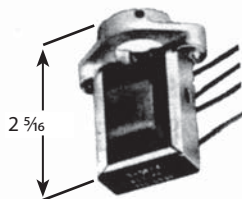
LONG BARREL

Catalog #	Operator Description	Weight (lbs.)
XLPA	Amber Lens	$\frac{3}{4}$
XLPB	Blue Lens	$\frac{3}{4}$
XLPC	Clear Lens	$\frac{3}{4}$
XLPG	Green Lens	$\frac{3}{4}$
XLPR	Red Lens	$\frac{3}{4}$
XLPW	White Lens	$\frac{3}{4}$

SHORT BARREL

Catalog #	Operator Description	Weight (lbs.)
XLPAS	Amber Lens	$\frac{1}{2}$
XLPBS	Blue Lens	$\frac{1}{2}$
XLPCS	Clear Lens	$\frac{1}{2}$
XLPGS	Green Lens	$\frac{1}{2}$
XLPRS	Red Lens	$\frac{1}{2}$
XLPWS	White Lens	$\frac{1}{2}$

LEGEND PLATES AT END OF SECTION



XLT

Pilot Light Transformers

One transformer required for each pilot light. Adapter furnished for mounting on threaded pilot light stem, or can be mounted to housing as space requires.

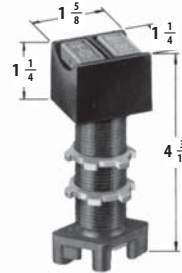
PILOT LIGHT TRANSFORMERS

Catalog #	Description	Weight (lbs.)
XLT 240	240 to 120 Volt, 6VA	1

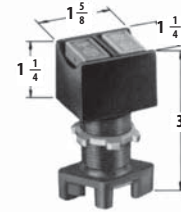
PUSH BUTTONS

Dual Push Button Operator or Maintained Contact Unit

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



XHDPB
XHDMC



XHDPBS
XHDMCS

STANDARD FEATURES

- Die cast aluminum alloy. The barrels are all $\frac{3}{4}$ " NPSM thread. Maximum installation thickness 1 $\frac{1}{16}$ " Long Barrel, $\frac{3}{4}$ " Long Barrel.
- For use with BT contact blocks. Contact blocks can be stacked for multiple circuits. Contact blocks are not included with XHD operators. (See accessories at end of section)

FOR USE WITH SERIES BT CONTACT BLOCKS

Catalog #	Operator Description	Weight (lbs.)
XHDPB	Long Barrel - momentary*	$\frac{1}{2}$
XHDPBS	Short Barrel - momentary*	$\frac{1}{2}$
XHDMC	Maintained Contact, Long Barrel	$\frac{1}{2}$
XHDMCS	Maintained Contact, Short Barrel	$\frac{1}{2}$

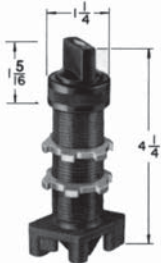
*Two contacts in the BT contact block are actuated independently

LEGEND PLATES AT END OF SECTION

SELECTOR SWITCHES

Selector Switch Operators

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



XHSS



XHSSS



XHSSPL



XHSSSPL



XSSL



XSSS

LEGEND PLATES AT END OF SECTION

NOTE For extremely wet-dirty location applications, use protective boots.
 EXCLUDES PADLOCK DEVICES.

STANDARD 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 #	Cam	# Pos.	Operator Description	Weight (lbs.)
XHSS		2/3	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		2	Spring Return to Right from Left	1/2
XHSL		3	Spring Return to Center from Left, Maintain Right	1/2
SHORT BARREL				
Catalog #	Cam	# Pos.	Operator Description	Weight (lbs.)
XHSSS		2/3	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		2	Spring Return to Right from Left	1/2
XHSSL		3	Spring Return to Center from Left, Maintain Right	1/2

SELECTOR SWITCH		
Catalog #	Operator Description	Weight (lbs.)
XHSSPL	W/padlock device Long Barrel	3/4
XHSSSPL	W/padlock device Short Barrel	3/4
XSSL-4P	Long Barrel, Four Position	3/4
XSSL-5P	Long Barrel, Five Position	3/4
XSSS-4P	Short Barrel, Four Position	3/4
XSSS-5P	Short Barrel, Five Position	3/4

*3 Position Only

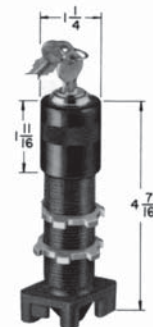
SELECTOR SWITCHES

Keylock Selector Switch Operators

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

STANDARD 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.



XHKSS



XHKSSS

LONG BARREL

Catalog #	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
XHKSR2	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 #	Cam	# Pos.	Operator Description	Weight (lbs.)
XHKSSS		2/3	Short Barrel	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

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.

Potentiometer & Switch Operators

STANDARD FEATURES

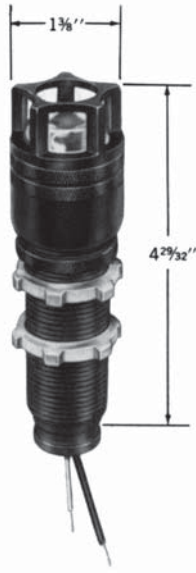
- Die cast aluminum alloy. The barrels are all 3/4" NPSM thread. 1/4" diameter shafts. Maximum installation thickness: 1-15/16" panel mount, 3/4" surface mount.
- XPO-XPOS have knob and dial marked 1 to 100. Two dial sizes are available.
- XPOC-XPOCS have 15 turn counting dial.
- Operators include 3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



Catalog #	Operator Description	Mounting	Weight (lbs.)
XPO	Plain Dial	Long Barrel	1/2
XPOL	Plain Dial, Large Size	Long Barrel	1/2
XPOC	Counting Dial	Long Barrel	3/4
XPOS	Plain Dial	Short Barrel	1/2
XPOS�	Plain Dial, Large Size	Short Barrel	1/2
XPOCS	Counting Dial	Short Barrel	1/2

The ADALET Engineering Department is Available to Assist you in the Selection of Enclosures and Accessories.

Guarded Pilot Lights for Group B Applications



**XL Long Series
(Panel Mount)**



**XLS Short Series
(Surface Mount)**



Replacement Cap

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

STANDARD FEATURES

- Explosionproof pilot 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 13/16" 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 6, 12, 24, 30, 50, 75 and 135 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 6, 12, 24, 48 and 60 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

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

REPLACEMENT CAP

Cat #	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 PILOT LIGHTS

Guarded LED Pilot Lights for Group B Applications

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

STANDARD FEATURES

- Suitable for panel or surface mount 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 pilot 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: 1-13/16" on Long Barrel (Long Series), 5/8" on Short Barrel (Short Series).

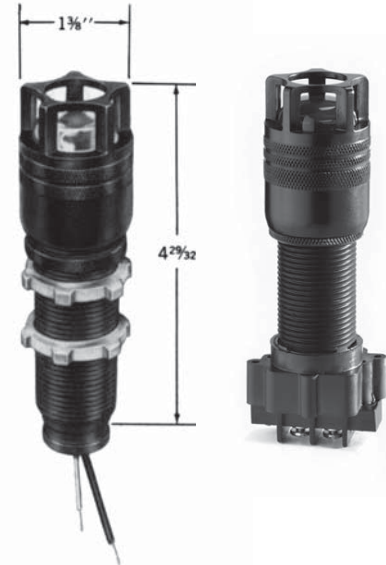
LED Advantages:

- 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	XLSRL-GH	Red	1/2
XLAL-GH	XLSAL-GH	Amber	1/2
XLGL-GH	XLSGL-GH	Green	1/2
XLWL-GH	XLSWL-GH	White	1/2
XLBL-GH	XLSBL-GH	Blue	1/2

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

120V dual polarity supplied as standard. 5,12,24,48,60 volts optional, consult factory.



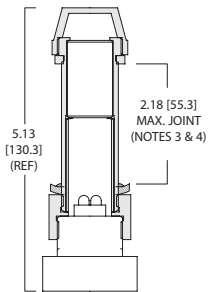
XL Long Series (Panel Mount)



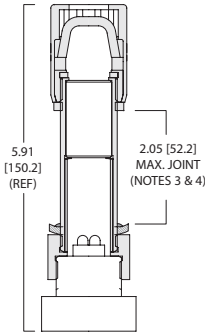
XLS Short Series (Surface Mount)

ATEX LED PILOT LIGHTS

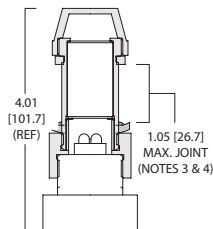
ATEX Certified LED Pilot Lights



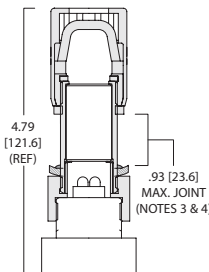
XLX
LONG BODY
STANDARD CAP



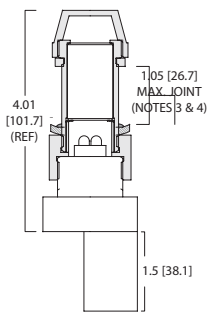
XLX - G
LONG BODY
CLASSIC GUARDED CAP



XLXS
SHORT BODY
STANDARD CAP



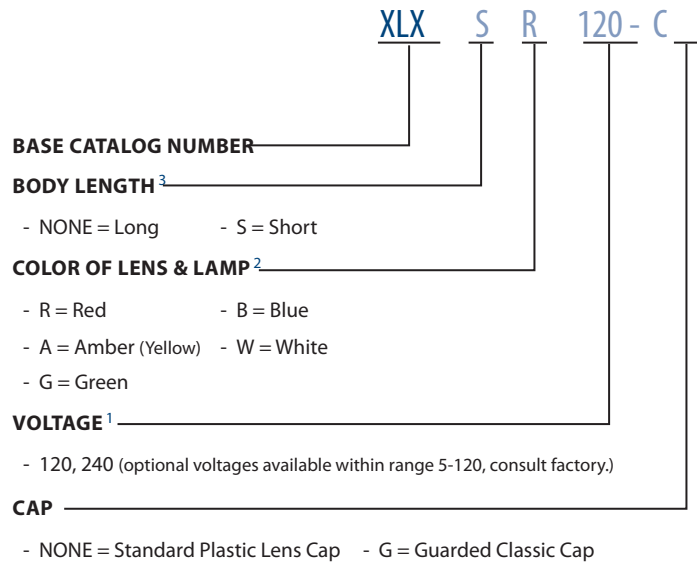
XLXS - G
SHORT BODY
CLASSIC GUARDED CAP



XLXS 240
SHORT BODY
STANDARD CAP
w/ OPTIONAL 240V BASE

STANDARD FEATURES

- Explosionproof pilot lights are suitable for panel or surface mount applications. Superior 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 240 Volt 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.



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 and classic unguarded cap models may be increased .15" by discarding knurled lock ring. Minimum length of threaded joint must be satisfied.

CERTIFICATIONS

ATEX Directive 94/9/EC
 EN 60079-0 / EN 60079-1
 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

0539 Ex II 2 GD Ex d IIB+H2 T6 : -20° C ≤ Ta ≤ +55° C
 DEMKO Certificate: 05 ATEX 0530154U
 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, Groups B, C & D; Class II, Groups E, F & G
 Type 4, 4X, 7 & 9
 IP66



EXPLOSIONPROOF
Operators & Auxiliary Devices

SPECIAL OPERATORS

Reset Button Operators

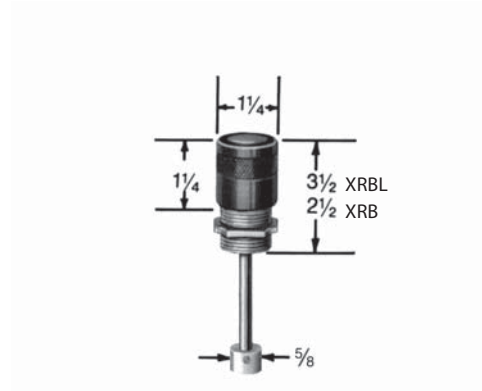
Class I, Groups B, C & D
Class II, Groups E, F & G
NEMA 3, 4, 7 & 9

STANDARD FEATURES

- Used for resetting contactors, relays, etc. in explosionproof and weather-proof enclosures. Made with $\frac{3}{4}$ " 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 $\frac{3}{4}$ ".

RESET BUTTON

Catalog #	Operator Description	Weight (lbs.)
XRBL	Reset Button - Long	$\frac{1}{2}$
XR	Reset Button - Short	$\frac{1}{2}$



XRBL / XR

Push Button & Selector Switch Components



STANDARD 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 the replacement unit.

PUSHBUTTON & SELECTOR SWITCH		
Catalog #	Description	Weight (lbs.)
XHDPL	Padlock Device for Dual Push Button	¼
XHPL	Padlock Device to activate Push Button	¼
XHSPL	Padlock Device for Selector Switch	¼
XMB	Red Mushroom Head 2 ¼" Button	¼
XHPLG	Padlockable Push Button Cover (Not Shown)	¼

NOTE Mushroom button and wobble stick recommended only for operators with normally closed contact blocks.

Operator Protective Boots

STANDARD 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 #	Description
Weight (lbs.)		
	XBB	Black Push Button Cap 1 oz.
	XBG	Green Push Button Cap 1 oz.
	XBR	Red Push Button Cap 1 oz.
	XBSB	Black Selector Switch Cap 1 oz.
	XBSG	Green Selector Switch Cap 1 oz.
	XBSR	Red Selector Switch Cap 1 oz.

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

ACCESSORIES

Close Up Plugs For Unused Operator Openings

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



Legend Plates

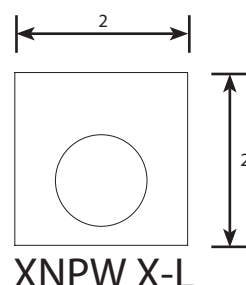
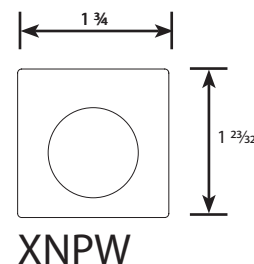
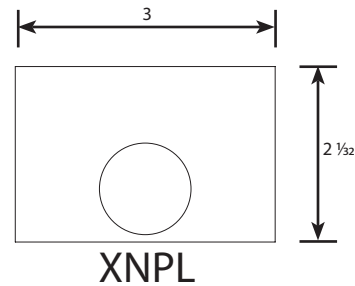
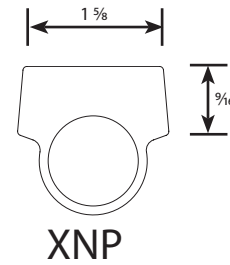
STANDARD FEATURES

- 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 #	Operator Description	Weight (oz.)
XNP	Specify Legend	1
XNPL	Specify Legend	1

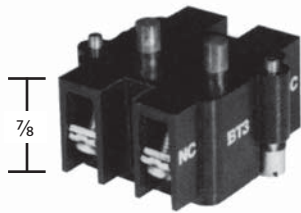
LEGEND PLATES		
Catalog #	Operator Description	Weight (oz.)
XNPWB	Black Blank Legend Plate	1
XNPWG	Green Blank Legend Plate	1
XNPWR	Red Blank Legend Plate	1
XNPW XL	Specify Legend	1

STANDARD MARKING					
FOR PUSH BUTTON			FOR SELECTOR SWITCHES		
(BLANK)	SLOW	RESET	RUN-JOG	OPEN-OFF-CLOSE	
START	OPEN	IN	HAND-AUTO	FAST-OFF-SLOW	
INCH	CLOSE	OUT	FWD-REV	RUN-AUTO-JOG	
STOP	UP	LEFT	FAST-SLOW	HAND-OFF-AUTO	
RUN	JOG	RIGHT	OPEN-CLOSE	FWD-OFF-REV	
FORWARD	ON	LOW	UP-DOWN	1-OFF-2	
REVERSE	OFF	HIGH	OFF-ON	UP-OFF-DOWN	
FAST	BACK	DOWN			
EMERGENCY STOP					



CONTACT BLOCKS

600 Volts AC Maximum Contact Blocks for Push Buttons & Selector Switches



Series BT Contact Blocks Extend 7/8" beyond operator

Contact Blocks can be stacked for multiple circuits. (max. four)

SERIES BT				
Catalog #	Contact Block	Push Button	Selector Switch	Weight (lbs.)
BT1A	One Open and One Closed	1 N.O. 1 N.C.	See Chart	1/10
BT1B	One Closed and One Open (this is BT1A block rotated 180 degrees when assembled to operator)	1 N.C. 1 N.O.		1/10
BT2	Two open	1 N.O. 1 N.O.	Specify Cam and Contact Block	1/10
BT3	Two closed	1 N.C. 1 N.C.		1/10
BT4	One open	1 N.O.		1/10
BT5	One closed	1 N.C.		1/10
BT44	Two open	1 N.C. 1 N.O.		1/10
	Two closed	1 N.O. 1 N.C.		1/10

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) Normally Open (NO)	BT1A	Circuit A Circuit B	X O O X	O X O O O X	O X X O O X	X O O O X O	O X X X X O	X O O O X O
Normally Closed (NC) Normally Open (NO)	BT1B*	Circuit B Circuit A	X O O X	X X O X O X	X X O X O O	X O X O X X	O O X X O O	O O X O O X
Normally Open (NO) Normally Open (NO)	BT2	Circuit A Circuit B	O X O X	X O X O O X	X O O O O X	O X X O X O	X O O X X O	O O X O X O
Normally Closed (NC) Normally Closed (NC)	BT3	Circuit A Circuit B	X O X O	O X O X X O	O X X X X O	X O O X O X	O X X O O X	X O O 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

MINIATURE OPERATORS

Miniature Operators

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

STANDARD 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 1 3/16" enclosure wall thickness
- Stainless steel actuator shaft.
- Optional red or green button (Push button Operator only)

PUSH BUTTONS

Cat # Panel Mount	Cat # Surface Mount	Contact Configs.	Weight
XMOB-1	XMOBS-1	SPDT maintained	1 oz.
XMOB-2	XMOBS-2	SPDT momentary	1 oz.
XMOB-3*	XMOBS-3*	DPDT maintained	1 oz.
XMOB-4	XMOBS-4	DPDT momentary	1 oz.

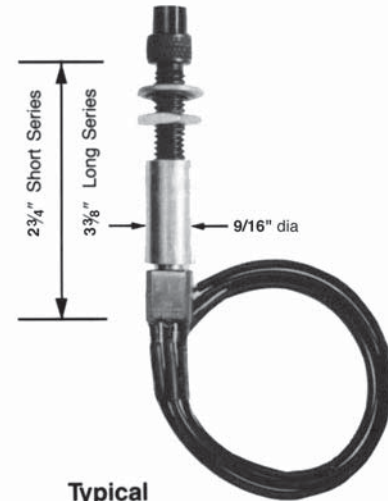
* Not UL or CSA Approved

- 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 (Push button Operator only)

PUSH BUTTONS

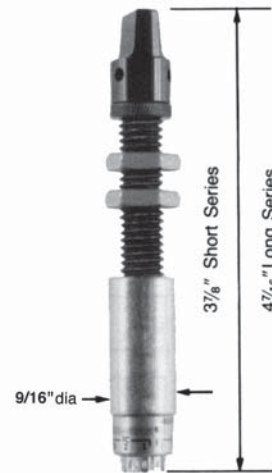
Cat # Panel Mount	Cat # Surface Mount	Contact Configs.	Weight
XMOS-1	XMOSS-1	Single Pole, 12 position	1 oz.
XMOS-2	XMOSS-2	Double Pole, 5 position	1 oz.
XMOS-3	XMOSS-3	Three Pole, 3 position	1 oz.

- 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.



Typical
Push button Series

XMOB



Typical Selector
Switch Series

XMOS



Indicator LED Light

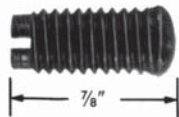
Class I, Groups B, C & D
Class II, Groups E, F & G
NEMA 4, 7 & 9

STANDARD 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 3/16" enclosure wall thickness.
- Furnished with 8" flexible wire leads, other lengths available.

SURFACE MOUNTING		
Catalog #	Operator Description	Weight (lbs.)
XMOLR	Red Indicator Light	1 oz.
XMOLA	Amber Indicator Light	1 oz.
XMOLG	Green Indicator Light	1 oz.

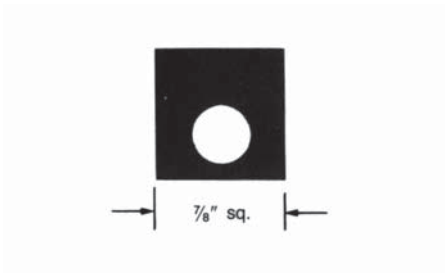
Close Up Plugs For Unused Operator Openings



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

Legend Plates Standard Marking

LEDGEND PLATES		
Catalog #	Description	Weight
XMNP	Specify legend	1/2 oz.



STANDARD MARKING				
FOR PUSH BUTTON			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

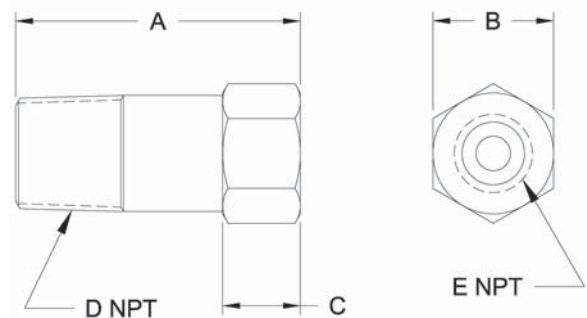
Flame Arrestor Fitting

STANDARD 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 316 L stainless steel.
- Weight: 4 oz.

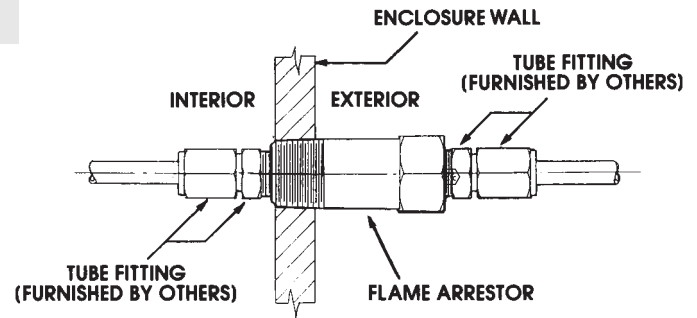


XFAX2



Catalog Number	Overall Dimension					Wt. Oz.	Control Restrictions
	A	B	C	D NPT	E NPT		
XFA2	2-1/16	7/8	9/16	1/2-14	1/4-18	4	0.5 PSI drop at 20 CFH airflow 1.3 PSI drop at 34 CFH airflow
XFAX2	2-1/16	7/8	9/16	1/2-14	1/4-18	4	1 PSI drop at 18 CFH airflow 5 PSI drop at 53 CFH airflow
XFAX3	2-1/8	1-1/16	9/16	3/8-18	3/8-18	8	Consult Factory
XFAX4	2-7/16	1-3/8	9/16	1/2-14	1/2-14	12	Consult Factory

TYPICAL FIELD INSTALLATION



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

CERTIFICATIONS

XFA2

Class I, Groups C & D

UL 1203

CSA C22.2 No. 30

XFAX2*

Class I, Groups B, C & D

UL 1203

NEMA 7

CSA C22.2 No. 30

0539@ II 2 G

ATEX DIRECTIVE 94/9/EC

EEx d IIB



*ATEX APPLICATION NOTE: Maximum Enclosure Volume 41000 cm³ (2500 in³)

Combination Breather/Drains XDB Series

STANDARD FEATURES

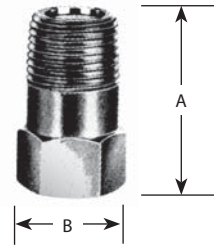
- Stainless steel combination breather drain. Install in top of enclosures as breather. Install in bottom of enclosure as drain.

NOMINAL DIMENSIONS (inches)

Catalog #	Thread	A	B
XDB2	½ NPT	1 ⅝"	⅞"

CERTIFICATIONS

Class I, Groups C & D	Class III
Class II, Groups F & G	UL Standard 886
	CSA Standard C22.2 No. 30



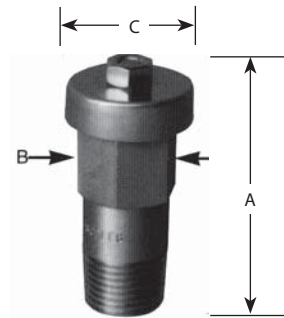
XDB2

*ATEX APPLICATION NOTE: Maximum Enclosure Volume 41000 cm³ (2500 in³)

Catalog #	Thread	A	B	C
XDBH2	½ NPT	2.4"	⅞ HEX	1 ¼"

CERTIFICATIONS

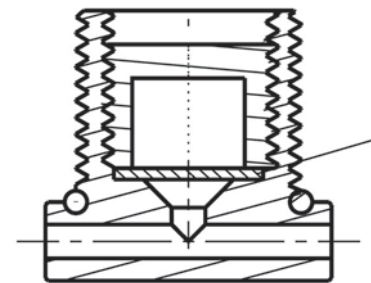
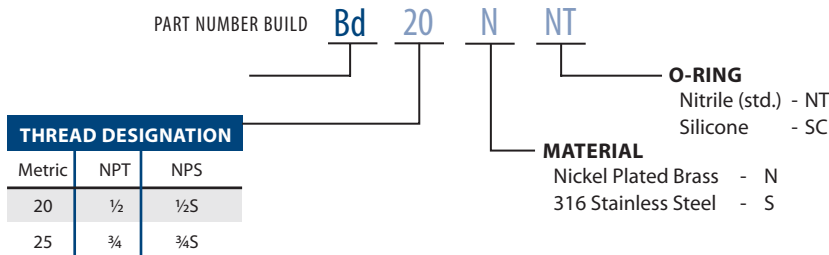
Class I, Groups A, B, C & D	UL Standard 886
Class II, Groups E, F & G	CSA Standard C22.2 No. 30
Class III	ATEX EExd IIB DEMKO 00E.004127U (when installed in XCEX & XJ_X enclosures)



Type Bd Series

STANDARD 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.
- Must be mounted in the bottom of the enclosure.



Bd Series

CERTIFICATIONS

Class I, Div 1 Groups A, B, C & D	Ex II 2 GD Exd IIC/Exe II Category 2 & 3
AExd IIC / AExe II Class I, Zone 1	CSA Standard C22.2 No. 30
Type 4X	

