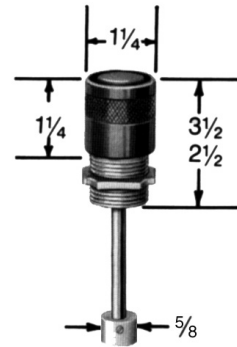


Reset Button Operators

STANDARD 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 #	OPERATOR DESCRIPTION	WEIGHT (LBS.)
XRBL	Reset Button - Short	1/2
XRBL	Reset Button - Long	1/2



XRBL / XRBL

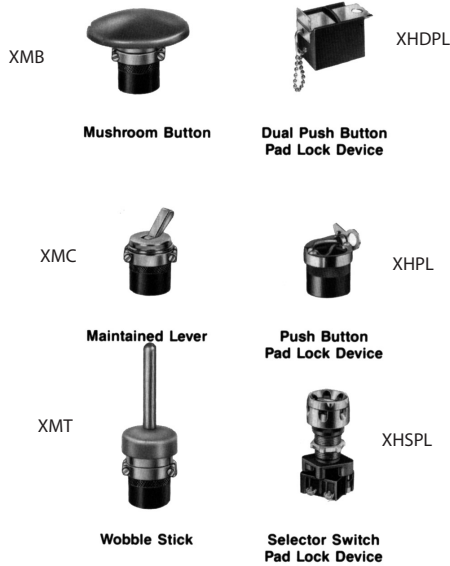
CERTIFICATIONS

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

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
XMC	Maintained Contact Lever for Push Buttons	¼
XMT	Wobble Stick 2 ½" Long for NC Push 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 Type 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.



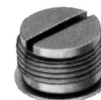
PUSHBUTTON & SELECTOR SWITCH		
CATALOG #	DESCRIPTION	WEIGHT (LBS.)
XBB	Black Push Button Cap	1 oz.
XBG	Green Push Button Cap	1 oz.
XBR	Red Push Button Cap	1 oz.
XBSB	Black Selector Switch Cap	1 oz.
XBSG	Green Selector Switch Cap	1 oz.
XBSR	Red Selector Switch Cap	1 oz.
XBPC	Clear Pilot Light Push Button 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.



XPPH3-N4
BLACK ANODIZED

Legend Plates

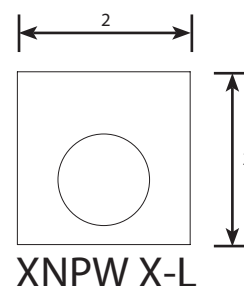
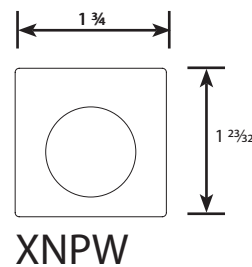
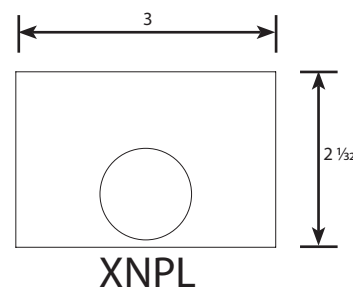
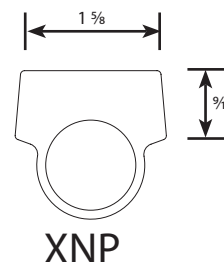
STANDARD FEATURES

- 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 one 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

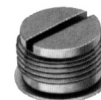
STANDARD MARKING					
FOR PUSH BUTTON			FOR SELECTOR SWITCHES		
(BLANK)	SLOW	RESET	RUN-JOG	OPEN-OFF-CLOSE	
START	OPEN	IN	HAND-AUTO	FAST-OFF-SLOW	
INCH	CLOSE	OUT	FWD-REV	RUN-AUTO-JOG	
STOP	UP	LEFT	FAST-SLOW	HAND-OFF-AUTO	
RUN	JOG	RIGHT	OPEN-CLOSE	FWD-OFF-REV	
FORWARD	ON	LOW	UP-DOWN	1-OFF-2	
REVERSE	OFF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



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.



XPPH3-N4
BLACK ANODIZED

Legend Plates

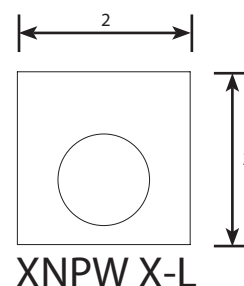
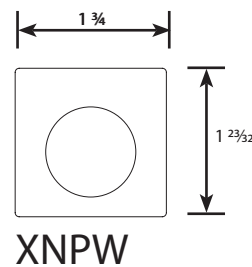
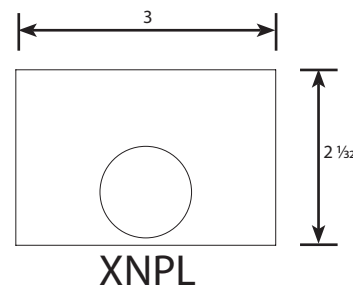
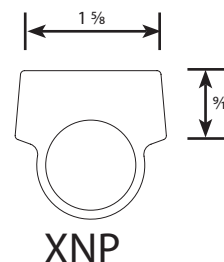
STANDARD FEATURES

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- Engraving one line only see Price List (XNPW).

SPECIFY LEGEND PLATE		
CATALOG #	OPERATOR DESCRIPTION	WEIGHT (OZ.)
XNP	Specify Legend	1
XNPL	Specify Legend	1

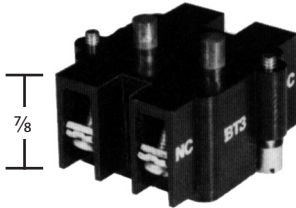
LEGEND PLATES		
CATALOG #	OPERATOR DESCRIPTION	WEIGHT (OZ.)
XNPWB	Black Blank Legend Plate	1
XNPWG	Green Blank Legend Plate	1
XNPWR	Red Blank Legend Plate	1
XNPW XL	Specify Legend	1

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.		
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.		

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

EXPLOSIONPROOF
AUXILIARY DEVICES