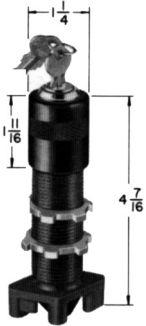
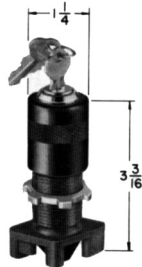


XHK: Keylock Selector Switch Operators

**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.

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 #	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	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

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.



Catalog #	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
XPOS�	Plain Dial, Large Size	Surface	1/2

Certifications

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



SELECTOR SWITCHES

XHS: Selector Switch Operators

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)



XHSS Series



XHSSS Series



XHSSPL



XHSSSPL

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	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 #	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	4	2	Spring Return to Right from Left	1/2
XHSSL		3	Spring Return to Center from Left, Maintain Right	1/2

*3 Position Only

SELECTOR SWITCH

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

LEGEND PLATES AT END OF SECTION

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

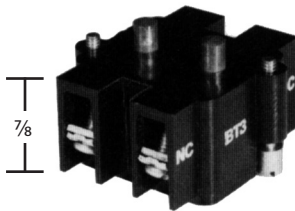
Certifications

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



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 #	Contact Block	Pushbutton	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 Two closed	1 N.C. 1 N.O. 1 N.O. 1 N.C.		1/10

EXPLOSIONPROOF Operator Devices

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									
		AC				DC			
Volts		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