

Harmony™ 9001K/SK/KX

30 mm push buttons

9001K – Specialty operators

Note: When ordering, add prefix “9001” to the reference.



Without Latch

Joy Stick Operators—UL Types 4, 13/NEMA 4, 13. For use in hazardous locations, see page 23. Contact blocks and legend plate not included unless noted.

Description	Operator With Contacts	Operator Without Contacts (1)
 3-Position—Center Off Momentary Contact—Spring Return to Center Maintained Contact	Without Latch K71H7	K71
	With Latch K70H7	K70
	Without Latch K73H7	K73
 3-Position—Center Off Momentary Contact—Spring Return to Center Maintained Contact	Without Latch K31H8	K31
	With Latch K30H8	K30
	Without Latch K33H8	K33
 5 Position—Center Off Momentary Contact—Spring Return to Center Maintained Contact	Without Latch K35H2	K35
	With Latch K34H2	K34
	Without Latch K37H2	K37
	With Latch K36H2	K36

(1) These operators can be ordered complete with contact blocks—a total of four (4) contact blocks can be used. Add the “H” number chosen from page 21 to the operator reference number and add the cost of the “H” number to the operator cost.



With Latch

Contact Arrangements

Operator Positions	Contact Block Reference	Contact Block Location	Contact	Handle position (with reference to Nib)				
				1 ↑	2 →	OFF	3 ↓	4 ←
 3	K3	POS 1 (3)	A	—	1	0	—	0
	KA3	POS 2 (4)	A	—	0	0	—	1
 3	KA2	POS 1 (3)	B	1	—	0	0	—
	KA2	POS 2 (4)	B	0	—	0	1	—
 5	KA1	POS 1 (3)	A	0	1	0	0	0
			B	1	0	0	0	0
	KA1	POS 2 (4)	A	0	0	0	0	1
			B	0	0	0	1	0

The joy stick operator is ideal for applications where only one circuit is to be energized at one time. The three position joy stick closes one circuit in each Up-Down or Right-Left position with all circuits open in center position. The five position operator closes one circuit in each Up, Down, Left and Right position with all circuits open in center position.

Momentary contact operators are spring return to the center position. Maintained operators remain in position and must be returned manually. Operators with latch cannot be operated until the latch button in center of handle is pressed.

(1) Contact Closed (0) Contact Open

For use in hazardous locations, see page 23. Legend plate and contact block not included. Inserts are field convertible. For colors not listed, order operator without insert, plus separate color insert from page 28. Up to two 9001KA contact blocks can be mounted in tandem (total of four blocks). Selector push buttons cannot be illuminated.



Selector Push Button 9001KQ

Selector Push Button Operators—UL Types 4, 13/NEMA 4, 13

Contact Block Required (4)	Mount on Side	Two Position Operators																			
		0—Contact Open				1—Contact Closed				F—Free D—Depressed											
Quantity and Type		Left		Right		Left		Right		Left		Right									
		F	D	F	D	F	D	F	D	F	D	F	D								
1 KA1 	#2	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0				
		0	1	0	1	0	1	0	0	0	0	0	0	0	0	1	0	1			
1 KA1 	#1	0	0	1	1	0	0	1	0	1	1	0	0	1	1	1	0	0			
		0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1		
Cam (3)		P				R				S				T				Y			
Color Insert		Reference				Reference				Reference				Reference				Reference			
Without Insert (2) Black		KQ11				KQ12				KQ13				KQ14				KQ15			
		KQ11B				KQ12B				KQ13B				KQ14B				KQ15B			

(2) Order color inserts from page 28.

(3) Cams are not interchangeable.

(4) To order Contact Blocks, see pages 20 to 23.

For use in hazardous locations, see page 23. Key operated push buttons are used wherever unauthorized use of a push button is discouraged. Examples are locking a Start push button in the extended position or locking a Stop push button in the depressed position. The operator can also be locked in the flush position—holding all contacts open. Up to two 9001KA contact blocks can be mounted in tandem (total of four blocks). Legend Plate and Contact Block Not Included (“x” = locked position).



Key Operated Push Button 9001KR

Key Operated Push Button – UL Types 4, 13/NEMA 4, 13

Description	Lockable Positions			Reference
	Extended	Flush	Depressed	
Push button operable only with key in lock. Key is removable in locked position only.	x	—	—	KR131 KR132 KR133 KR137
Push button operable with or without key in lock. Push button can be locked with key only. Key removable in both locked or unlocked position.	x	—	—	KR141 KR142 KR143 KR147
To lock the unit, rotate the key with the button in the extended position. Then, push the button to lock it in the position indicated at right. Key is removable only in this position.	—	x	—	KR152 KR153

Note: All key operated push buttons are furnished as standard with Square D no. E10 key change. See catalog 9001CT0001 for other key changes.