

Type K Heavy Duty Specialty Operators

Table 19.237: Joy Stick Operators—UL Types 4, 13/NEMA 4, 13 [51] [52]





Table 19.238: Contact Arrangements



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

op, bown, Leit and right position with all clicults 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.



Selector Push Button 9001KQ

Inserts are field convertible. For colors not listed, order operator without insert, plus separate color insert from Additional Accessories for Type K and SK Operators, page 19-99. Up to two Type KA contact blocks can be mounted in tandem (total of four blocks). Selector push buttons cannot be illuminated.



Key Operated Push Button 9001KR

Operator Positions		Contact Block Type	Contact Block Location	Contact	Handle position (with reference to Nib)					
					1 1	2 -	OFF	3 ♦	4 🛨	
◆◆	3	KA3	POS 1 (3) A — 1		1	0	_	0		
		KA3	POS 2 (4)	Α	_	0	0	_	1	
*	3	KA2	POS 1 (3)	В	1	-	— 0		_	
		KA2	POS 2 (4)	В	0	_	0	1	_	
*	5	KA1	POS 1 (3)	Α	0	1	0	0	0	
				В	1	0	0	0	0	
		KA1	POS 2 (4)	Α	0	0	0	0	1	
				В	0	0	0	1	0	
(1) Contact Closed (0) Contact Open										

Table 19.239: Selector Push Button Operators—UL Types 4, 13/NEMA 4, 13

Contact Block Required		Two Position Operators										
		0—Contact Open 1—Contact Closed F—Free D—Depressed										
Quantity and Type	Mount on Side	Left	Right	Left	Right	Left	Right	Left	Right	Left	Right	
		FD	FD	FD	FD	FD	FD	FD	FD	FD	FD	
- 010	#2	0 0	1 0	0 0	1 0	0 0	1 1	1 1	1 0	1 0	0 0	
O O 1 KA1		0 1	0 1	0 1	0 0	0 1	0 0	0 0	0 1	0 1	0 1	
010	#1	0 0	1 1	0 0	1 0	1 1	0 0	1 0	1 1	1 1	0 0	
O O 1 KA1		0 1	0 0	0 1	0 0	0 0	0 1	0 1	0 0	0 0	0 1	
Cam [55]		Р		R		S		T		Y		
Color Insert		Туре	Туре		Туре		Type		Type		Туре	
Without Insert [56] Black		KQ11		KQ12		KQ13		KQ14		KQ15		
		KQ11B		KQ12B		KQ13B		KQ14B		KQ15B		

Order Contact Blocks From Type KA Contact Blocks, page 19-90

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 Type KA contact blocks can be mounted in tandem (total of four blocks). ("X" = locked position) [57]

Table 19.240: Key Operated Push Button – UL Types 4, 13/NEMA 4, 13 [51] [52]

	Loc			
Description	Extended	Flush	De- pressed	Type [53]
Push button operable only with key in lock. Key is removable in locked position only.	<u>X</u> _ X	$\frac{\overline{x}}{x}$		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.	<u>X</u> _ X	- <u>x</u> -x	xx	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.	=	<u>x</u>	\overline{x}	KR152 KR153

- [51] For use in hazardous locations—See Square D Offering According to Class, Division, and Group, page 19-92.
- [52] Legend plate and contact block not included unless otherwise noted.
- [53] When ordering, add prefix 9001 to the catalog number.
- [54] 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 "H" Codes, page 19-93 to the operator type number and add the cost of the "H" number to the operator cost
- [55] Cams are not interchangeable.
- Order color inserts from Additional Accessories for Type K and SK Operators, page 19-99. [56]
- [57] All key operated push buttons are furnished as standard with Square D no. E10 key change. See catalog 9001CT0001 for other key changes.