

3-Position Knob/Lever Type Selector Switch Devices, Illuminated



Standard Knob Operator
 Cat. No. 800T-16JR2KB7AX



Standard Knob Operator
 Cat. No. 800H-16JRR2KB7AX

Type	Lamp Type	Volts	Color	Operator Position			M = Maintained S = Spring Return	Type 4/13	Type 4/4X/13
								Standard Knob	Standard Lever
								Cat. No.	Cat. No.
Operator Only*				No Contacts			M M M	800T-00JX2KB7	—
Full Voltage	Incandescent	24V AC/DC	Red	X O	O O	O X	M M M	800T-24JR2KB7AX	800H-24JRR2KB7AX
							S→M M	800T-24JR4KB7AX	800H-24JRR4KB7AX
	No Lamp	0...250V AC/DC	No Knob				M M←S	800T-24JR5KB7AX	800H-24JRR5KB7AX
							M M M	800T-25JXN2KB7AX	—
Universal	LED	12...130V AC/DC	Red				M M M	800T-2JRH2KB7AX	800H-2JRRH2KB7AX
							S→M M	800T-2JRH4KB7AX	800H-2JRRH4KB7AX
							M M←S	800T-2JRH5KB7AX	800H-2JRRH5KB7AX
Transformer	Incandescent	120V AC 50/60 Hz	Red				X O	O O	O X
				S→M M	800T-16JR4KB7AX	800H-16JRR4KB7AX			
				M M←S	800T-16JR5KB7AX	800H-16JRR5KB7AX			
	LED			M M M	800T-16JRH2KB7AX	800H-16JRRH2KB7AX			
				S→M M	800T-16JRH4KB7AX	800H-16JRRH4KB7AX			
				M M←S	800T-16JRH5KB7AX	800H-16JRRH5KB7AX			
	No Lamp		No Knob	M M M	800T-16JXN2KB7AX	—			

Note: X = Closed/O = Open

* Operator only supplied without power module, lamp, lens cap, or contact blocks.

800 T - 16 J R 2 KB7 A X
 a b c d e f g h i j

Protection Rating	
Code	Description
T	Metal, Type 4/13
H	Plastic, Type 4/4X/13

Finger-Safe Guards	
Code	Description
Blank	No guards
C	Guards on terminals

Power Module Type and Voltage	
Full Voltage — Incandescent	
Code	Description
12	12V AC/DC
24	24V AC/DC
48	48V AC/DC
Universal — LED	
2	12...130V AC/DC
Transformer	
16	120V AC 50/60 Hz
26	240V AC 50/60 Hz
For other voltages, please contact your local Rockwell Automation sales office or Allen-Bradley distributor.	

No. of Positions		
800T Type 4/13	Description	800H Type 4/4X/13
Code		Code
J	3-position	JR

Knob Color	
Code	Color
A	Amber
B	Blue
C	Clear
G	Green
R	Red
W	White
X	No knob

Illumination Options	
Code	Description
Blank	Incandescent
H	LED†

Operator Function and Knob Type	
Standard Knob or No Knob	
Code	Operator Function
2	Maintained
4	Spring return from left
5	Spring return from right
91	Spring return from both
Knob Lever	
Code	Operator Function
17	Maintained
18	Spring return from left
19	Spring return from right
20	Spring return from both

Cam Options	
3-Position	
Code	Operator Function
KB7	B7 cam
KC1	C1 cam
KC7	C7 cam
KE7	E7 cam
KQ1	Q1 cam
KT1	T1 cam

Contact Blocks§	
Code	Description
Blank (both pos.)	No contacts

Contact Blocks§	
Code	Description
Standard	
A	1 N.O. - 1 N.C.
X	No contacts in this position
PentUFF (Low Voltage)	
F	1 N.O. - 1 N.C.
Class 1, Div. 2/Zone 2	
Logic Reed	
T	1 N.O. - 1 N.C.
Sealed Switch	
P	1 N.O. - 1 N.C.
Stackable Sealed Switch	
7	1 N.O. - 1 N.C.

Table 1. Selector Switch Cam Targets

Target		Cam Description (3-Position)					
			KB7	KC1	KC7	KE7	KQ1
X	O	O	D, H, V, R, 5	—	D, H, V, R, 5	D, H, V	—
O	X	O	—	E, U, W, S, 6	E, U, W, S, 6	—	E, U, W, S, 6
O	O	X	E, U, W, S, 6	D, H, V, R, 5	—	—	D, H, V, R, 5
X	X	O	G, I	J, Q	—	—	—
O	X	X	J, Q	—	J, Q	E, U, W, S, 6	—
X	O	X	—	G, I	G, I	—	D, H, V, R, 5

‡ LED only.

† LEDs available in red, green, amber, blue, and white. White LEDs only available in 6V, 24V, 120V, and 130V full voltage and all transformer units. LED color matches lens color, except clear lens supplied with white LED and white lens supplied with amber LED. All LEDs except 120V have an internal shunt resistor for use with solid-state outputs.

§ Contact blocks used on white side only.