



To determine the contacts of Allen-Bradley selector switches, proceed as follows:

- Determine on which **SIDE** of the selector switch the contact block is mounted: **WHITE** or **BLACK**. On the back of the selector switch is a molded plastic cover. On this cover is a nameplate indicating Catalog No. of the operator and location of side 1 (white actuator), Side 2 (black actuator) is the opposite side.
- Identify the **CONTACT BLOCK** used by looking at the contact block cover plate and finding a Catalog No., such as 800T-XA.
- Identify the **CIRCUIT** for which the contact target is desired by looking again at the contact block cover plate for a wiring symbol such as "A", "B", "A1" etc.
- Identify the **CAM** used by looking again at the nameplate on the molded plastic cover on the back of the selector switch operator. The Catalog No., with the exceptions listed below, contains the cam identification following the flag letter "K".

Example Catalog Nos.: 800T-H2KEB or 800H-HR2KEB, 800T-J2KA1 or 800H-JR2KA1; 800T-N2KF4 or 800H-NR2KF4. The **E8**, **A1**, and **F4** are the cam identifications (there may be digit following).

Exceptions: Selector switches where a special cam was not specified. On standard two position maintained, a **B8** cam is used. On standard two position spring return, an **L8** cam is used. On standard three position maintained and spring return three position, an **B7** cam is used.

Example Catalog Nos. of standard selector switches: 800T-H2A, 800T-H17C, 800T-J2A, 800T-J17C

- Refer to the tables below and find the actuator color, contact block and wiring symbol. Head across the top to find the cam and knob position. Where these two columns intersect will be the contact target.

CONTACT TARGET TABLE FOR 2 POSITION SELECTOR SWITCHES

ACTUATOR COLOR	CONTACT BLOCK 800T-	SINGLE CIRCUIT OR OPTIONAL	CIRCUIT OPERATION	WIRING SYMBOL	CAM CODE AND KNOB POSITIONS [1]								
					MAINTAINED			SPRING RETURN					
					B6	E8	L8	L8	L8	L8			
WHITE	XA*	XD2*	NC	B	X	O	X	O	X	O	X	O	
			NO	A	X	O	X	O	X	O	X	O	
	XA1*	XD4*	NCLB	BZ	X	O	X	O	X	O	X	O	
			NO	A	X	O	X	O	X	O	X	O	
	[3] XA2*	XD1*	NO	A1	O	X	O	X	O	X	O	X	O
			NO	A2	O	X	O	X	O	X	O	X	O
BLACK	XA4*	XD2*	NC	B2	X	O	X	O	X	O	X	O	
			NO	B	X	O	X	O	X	O	X	O	
	XA7*	XD4*	NCLB	BZ	X	O	X	O	X	O	X	O	
			NO	B	X	O	X	O	X	O	X	O	
	XD3*	XD2*	NOEM	AZ	X	O	X	O	X	O	X	O	
			NCLB	BZ	X	O	X	O	X	O	X	O	
XD5*	XD1*	NO	A	O	X	O	X	O	X	O	X	O	
		NC	B	X	O	X	O	X	O	X	O		

* May or may not be followed by suffix letter(s), depending on contact block type.

CONTACT TARGET TABLE FOR 4 POSITION SELECTOR SWITCHES

ACTUATOR COLOR	CONTACT BLOCK 800T-	SINGLE CIRCUIT OR OPTIONAL	NORMAL CIRCUIT OPERATION	WIRING SYMBOL	CAM CODE AND KNOB POSITIONS [1]								
					F4	G4	K4 [2]	M4 [2]	P4				
					WHITE	XA*	XD2*	NC	B	O	X	O	O
NO	A	X	O	X				O	X	O	X	O	X
XA1*	XD4*	NCLB	BZ	O		X	X	O	X	X	O	X	X
		NO	A	X		O	X	X	O	X	X	O	X
[3] XA2*	XD1*	NO	A1	X		O	O	X	X	O	O	X	X
		NO	A2	X		O	O	X	X	O	O	X	X
BLACK	XA4*	XD2*	NC	B2	O	X	O	O	X	O	O	X	O
			NO	B	X	O	X	O	X	O	X	O	X
	XA7*	XD4*	NCLB	BZ	X	X	O	X	X	O	X	X	O
			NO	B	O	X	O	X	X	O	X	X	O
	XD3*	XD2*	NOEM	AZ	X	X	O	X	X	O	X	X	O
			NCLB	BZ	X	X	O	X	X	O	X	X	O
XD5*	XD1*	NO	A	O	X	O	X	O	X	O	X	O	
		NC	B	O	X	O	X	O	X	O	X	O	

* May or may not be followed by suffix letter(s), depending on contact block type.

ABBREVIATIONS AND SYMBOLS

- NO = Normally Open
- NC = Normally Closed
- LB = Late Break
- EM = Early Make
- X = Closed
- O = Open
- NA = Not Available

[1] - The stanted lines represent the knob positions.

[2] - Noted cams cannot be used with metal wiring lever operators or XD3 contact blocks because inertia upon spring return may cause unintended contact action

[3] - XA2 contact blocks must be used only on the 2nd level if stacked.

