

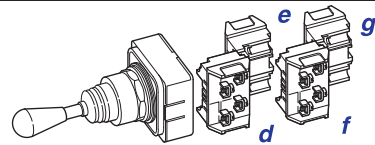
Bulletin 800T/H  
**30.5 mm Push Buttons**  
 Specialty Operators

1-, 2-, 3-, 4-Way Toggle Switches (Bul. 800T only)

Switch Type	Lever Movement	Handle Position					Type 4/13	
							Spring Return Operation	Maintained Operation
		Up	Left	Center	Right	Down	Cat. No.	Cat. No.
2 Way		X	—	O	—	O	<b>800T-T2H3EEXX</b>	<b>800T-T2H1EEXX</b>
		O	—	O	—	X		
		—	X	O	O	—	<b>800T-T2F3DDXX</b>	<b>800T-T2F1DDXX</b>
		—	O	O	X	—		
4 Way		X	O	O	O	O	<b>800T-T4T8AAXX</b>	<b>800T-T4R1AAXX</b>
		O	X	O	O	O		
		O	O	O	X	O		
		O	O	O	O	X		

Note: X = Closed/O = Open

**800T** — **T2** **H2** **E** **E** **X** **X**  
*a* *b* *c* *d* *e* *f* *g*  
 Right Left Right Left



**a**

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

**b**

Operator Type	
Code	Description
T1	1-way toggle
T2	2-way toggle
T3	3-way toggle
T4	4-way toggle

Table 1. Contact Block Code

Contact Block Substitution	
Combination	Code
Standard	
D + E	A
D + D	* M
E + E	N
J + D	B
J + E	C

Table 2. 1-2-3-4 Way Toggle Switch Cam Targets

Contact Configuration Position					Suffix Code Contact/Side	
Up	Left	Center	Right	Down	Right Side	Left Side
O	X	O	O	O	D, H, V, R, 5	—
O	O	O	O	X	E, U, W, S, 6	—
X	O	X	X	X	J, Q	—
X	X	X	X	O	G, I	—
X	O	O	O	O	—	E, U, W, S, 6
O	O	O	X	O	—	D, H, V, R, 5
O	X	X	X	X	—	G, I
X	X	X	O	X	—	J, Q

**c**

Lever Movement and Function						
Type	Function Code	Description				
		↑	←	→	↓	
1-Way	A	1	M	—	—	—
		2	S	—	—	—
	B	1	—	M	—	—
		2	—	S	—	—
2-Way	C	1	—	—	M	—
		2	—	—	S	—
	D	1	—	—	—	M
		2	—	—	—	S
2-Way	E	1	M	M	—	—
		2	M	S	—	—
		3	S	S	—	—
		4	S	M	—	—
	F	1	—	M	M	—
		2	—	M	S	—
		3	—	S	S	—
		4	—	S	M	—
2-Way	G	1	—	—	M	M
		2	—	—	M	S
		3	—	—	S	S
		4	—	—	S	M
	H	1	M	—	—	M
		2	M	—	—	S
		3	S	—	—	S
		4	S	—	—	M
2-Way	J	1	M	—	M	—
		2	M	—	S	—
		3	S	—	S	—
		4	S	—	M	—
	K	1	—	M	—	M
		2	—	M	—	S
		3	—	S	—	S
		4	—	S	—	M

**c (cont'd)**

Lever Movement and Function						
Type	Function Code	Description				
		↑	←	→	↓	
3-Way	L	1	M	M	M	—
		2	M	M	S	—
		3	M	S	M	—
		4	M	S	S	—
		5	S	M	M	—
		6	S	S	M	—
		7	S	M	S	—
		8	S	S	S	—
3-Way	N	1	—	M	M	M
		2	—	M	M	S
		3	—	M	S	M
		4	—	M	S	S
		5	—	S	M	M
		6	—	S	S	M
		7	—	S	M	S
		8	—	S	S	S
3-Way	P	1	M	—	M	M
		2	M	—	M	S
		3	M	—	S	M
		4	M	—	S	S
		5	S	—	M	M
		6	S	—	S	M
		7	S	—	M	S
		8	S	—	S	S
3-Way	Q	1	M	M	—	M
		2	M	M	—	S
		3	M	S	—	M
		4	M	S	—	S
		5	S	M	—	M
		6	S	S	—	M
		7	S	M	—	S
		8	S	S	—	S
4-Way	R	1	M	M	M	M
		2	M	M	M	S
		3	M	M	S	M
		4	M	M	S	S
		5	M	S	M	M
		6	M	S	S	M
		7	M	S	M	S
		8	M	S	S	S
	T	1	S	M	M	M
		2	S	M	M	S
		3	S	M	S	M
		4	S	M	S	S
		5	S	S	M	M
		6	S	S	S	M
		7	S	S	M	S
		8	S	S	S	S

Contact Blocks	
Code	Description
Blank (all pos.)	No contacts
Standard	
D	1 N.O.
E	1 N.C.
G	1 N.O.E.M.
J	1 N.C.L.B.
A	1 N.O. - 1 N.C.
X	No contacts in this position
PenTUFF (Low Voltage)	
H	1 N.O.
U	1 N.C.
I	1 N.O.E.M.
Q	1 N.C.L.B.
F	1 N.O. - 1 N.C.
Class 1, Div. 2/Zone 2	
Logic Reed	
V	1 N.O.
W	1 N.C.
T	1 N.O. - 1 N.C.
Sealed Switch	
R	1 N.O.
S	1 N.C.
P	1 N.O. - 1 N.C.
Stackable Sealed Switch	
5	1 N.O.
6	1 N.C.
7	1 N.O. - 1 N.C.

Note: M = Maintained, S = Spring Return  
 \* **XA2** and **XA2R** contact blocks cannot be stacked upon, but they can stack on other contact blocks.

