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Sensing and Control  
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### Sensing and Control

Honeywell Inc.

11 West Spring Street

Freeport, IL 61032

# Manual Switches

## Toggle Switches



2-pole shown

### ELECTRICAL RATINGS

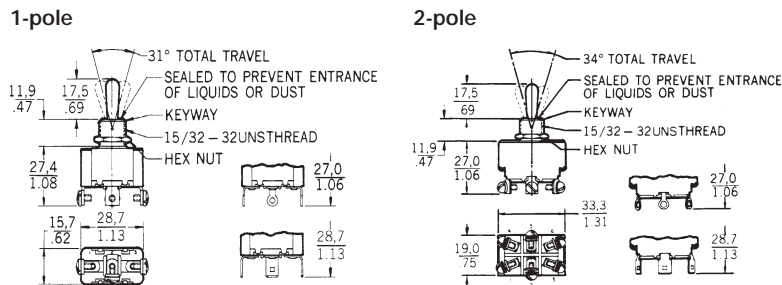
UL/CSA Rating Code	Electrical Rating
L192	10 Amps, 125, 250, 277 VAC 1/4 HP, 125 VAC 1/2 HP, 250, 277 VAC 3 Amps, 125 VAC "L"
L191	15 Amps, 125, 250, 277 VAC 1/2 HP, 125 VAC 1 HP, 250, 277 VAC 5 Amps, 125 VAC (L)

### FEATURES

- 2 or 3-position, momentary and maintained action.
- 1 and 2-pole circuitry.
- Rated up to 15 amps.
- Lever-to-bushing seal.
- Solder, screw, or quick-connect terminals.
- UL recognized, CSA certified.
- CE approved

Colored sleeves for levers (not shown) can also be furnished. See page 135

### MOUNTING DIMENSIONS (For reference only)



### TERMINAL CIRCUIT IDENTIFICATION

Terminal identifications are referred to in the Ordering Charts to indicate which circuits are made in each toggle position (i.e., 1-2 reference indicates circuit closure through terminals 1 and 2).

**Application Note:** Honeywell MICRO SWITCH does *not* recommend the use of silver cadmium oxide switch contacts in non-arcing loads. Non-arcing loads are generally loads less than 12 volts and/or 0.5 amp. TS switches use silver cadmium oxide contacts. If you have questions, contact the MICRO SWITCH Application Center at 1-800-537-6945.

### 2-POSITION ORDER GUIDE

No. Of Poles	Circuit(s) Made With Toggle At:		UL/CSA Rating Code	Screw Terminals	Solder Terminals	Quick-Connect Terminals
	Keyway Position	Opposite Keyway				
1	OFF	2-3 ON	L191	11TS15-2	11TS115-2	11TS95-2
	2-1 ON	2-3 ON	L191	11TS15-3	11TS115-3	11TS95-3
	OFF*	2-3 ON	L192	11TS15-4	11TS115-4	11TS95-4
	2-1 ON*	OFF	L192	11TS15-6	11TS115-6	11TS95-6
	2-1 ON*	2-3 ON	L192	11TS15-8	11TS115-8	
2	OFF	2-3 & 5-6 ON	L191	12TS15-2	12TS115-2	12TS95-2
	2-1 & 5-4 ON	2-3 & 5-6 ON	L191	12TS15-3	12TS115-3	12TS95-3
	OFF*	2-3 & 5-6 ON	L192	12TS15-4		
	2-1 & 5-4 ON*	OFF	L192	12TS15-6		
	2-1 & 5-4 ON*	2-3 & 5-6 ON	L192	12TS15-8	12TS115-8	

### 3-POSITION ORDER GUIDE

No. Of Poles	Circuit(s) Made With Toggle At:			UL/CSA Rating Code	Screw Terminals	Solder Terminals	Quick-Connect Terminals
	Keyway Position	Center Position	Opposite Keyway				
1	2-1 ON	OFF	2-3 ON	L191	11TS15-1	11TS115-1	11TS95-1
	NONE	OFF	2-3 ON	L191			
	2-1 ON*	OFF	2-3 ON	L192	11TS15-5	11TS115-5	11TS95-5
	2-1 ON*	OFF	NONE	L192			
	2-1 ON*	OFF	2-3 ON*	L192	11TS15-7	11TS115-7	11TS95-7
2	2-1 & 5-4 ON	OFF	2-3 & 5-6 ON	L191	12TS15-1	12TS115-1	12TS95-1
	NONE	OFF	2-3 & 5-6 ON	L191			
	2-1 & 5-4 ON*	OFF	2-3 & 5-6 ON	L192	12TS15-5	12TS115-5	12TS95-5
	2-1 & 5-4 ON*	OFF	NONE	L192			
	2-1 & 5-4 ON*	OFF	2-3 & 5-6 ON*	L192	12TS15-7		12TS95-7
	2-1 & 5-4 ON	2-1 & 5-6 ON	2-3 & 5-6 ON	L191			12TS95-10

Toggle/Rockers

\* Marked toggle positions are momentary. All other positions are maintained.