

# MINIATURE TOGGLE SWITCHES

FEATURING OTTO'S UNIQUE SNAP-ACTION MECHANISM

These miniature toggles are rugged, highly reliable switches offering positive detent action for safe switching operation. Featuring the unique OTTO snap-action switch mechanism in conjunction with a unique toggle actuator design, the T3 series offers non-teasible contact transfer.

High contact pressure and superior wiping action of the OTTO design makes the T3 series an excellent choice for switching loads from logic level up to 5 amperes.

Choose sealed one or two-pole circuitry, 15/32-32 sealed or 1/4-40 unsealed bushing construction, momentary and/or maintained operation. The 15/32-32 bushing model is also available with lever lockout toggle feature or thumb button actuators.

Molded-in terminals seal the contacts against moisture and solder flux wicking. The front-panel side of 15/32-32 bushing models are sealed against water and other liquids per MIL-S-83731.

In addition to the single turret solder terminal specified in MIL-S-83731, we also offer two different lengths of pins for printed circuit soldering.

Mounting hardware provided includes two hex nuts, one lockwasher and one keyway washer.



## Exclusive Quality Features:

- Non-teasible snap-action contact actuation
- Shorter behind panel depth
- Superior wiping action keeps contacts clean
- Positive tactile response prevents operating errors
- Weighs up to 25% less than competitive products
- More contact/terminal plating choices
- Highly reliable: simpler design, less parts

Standard Characteristics/Ratings:		
<b>OPERATIONAL:</b>		
Electrical Life, at full load: 30,000 cycles		
Mechanical Life:	100,000 cycles	
<b>PHYSICAL:</b>		
Temperature Range:	Continuous -65°C to +85°C	
Bushing Seal:	Watertight per MIL-S-83731 (15/32-32 Model only)	
Materials:	Handle: 303 Stainless Bushing: Per MIL-S-83731 Body: Per MIL-S-83731	
<b>ELECTRICAL:</b> (at 28VDC and 115 VAC, 400 Hz.)		
<b>Load</b>	<b>At Sea Level</b>	<b>At 65,000 Ft.</b>
Resistive	5.0 A	5.0 A
Inductive	2.0 A	2.0 A
Lamp	1.0 A	—
DWV	1050 Vrms	400 Vrms

## T3 PART NUMBER CODE

T 3 - X X X X X ①

Bushing Size	Terminal Style	Circuitry	Circuit Made with Lever at...			Contact Material	Button Color (If Required)
			Keyway Side	Center	Opposite Keyway		
1. 15/32-32	1. Single Turret	1. Single Pole	1. On	Off	On	1. Silver/Gold	1. Red
2. 1/4-40	4. P.C. Pin .150"lg.	2. Double Pole	2. Off	None	On	Flash	2. Black
3. 15/32-32 w/Lockout①	5. P.C. Pin .270"lg.		3. On	None	On	2. Gold Plated	8. Gray
4. 15/32-32 w/ Convex Btn			4. (On)③	None	On		
5. 15/32-32 w/Concave Button			5. (On)③	Off	(On)③		
			6. (On)③	Off	On		

① Add appropriate Lockout feature configuration code letter (A-P) for Bushing Style 3 or Button Color codes (-1, -2 -3) for Bushing Styles 4 and 5 at end of Part Number.  
③ Parenthesis ( ) denotes momentary contact action.