These toggle switches are rugged, high performance sealed switches designed for use under severe conditions found in heavy equipment, industrial control, marine and appliance applications. They are totally sealed so the switch can withstand direct water spray and submersion, even during operation. They are designed to meet the international submersion specification level IP68S. OTTO's front panel seal is accomplished with an O-ring under the bat handle. However, now a secondary visible bushing seal is offered as an option.

T7 toggles are offered in single and double pole configurations. A choice of models are offered to handle power levels to 16 amps, 0.5HP and low level electronic switching applications.

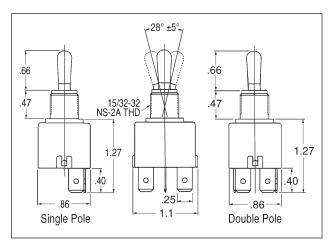
These toggles feature positive detent action for safe switching operation. In conjunction with the unique OTTO snap-action switch mechanism, the T7 offers non-teasible contact transfer.

High contact pressure and superior contact wiping action of the OTTO design makes the T7 an excellent choice for switching loads from logic level up to 16 amps.

Mounting hardware provided includes two hex nuts, one lockwasher and one keyway washer. An optional panel seal is available, P/N 710196, MIL. P/N M5423/16-01.

Features:

- Withstands direct water spray
- Submersible to IP68S
- Switches up to 16 amps
- Withstands extreme shock & vibration
- Positive detent, non-teasible contact transfer
- 2 & 3-position, momentary & maintained action
- Choice of terminal styles
- UL recognized & CSA certified
- RoHS/WEEE/Reach compliant
- Black matte finish available. Contact factory.







Standard Characteristics/Ratings:									
ELECTRICAL RATINGS:									
Load	Sea Level @ 28VDC or 115VAC	Cycles							
Resistive	16A	25,000							
Resistive	10A	50,000							
Inductive	10A 25,000								
Motor	0.5HP	25,000							
DWV	1050Vrms	N/A							
Low Level	10mA max @ 30mV max DC Resistive for 50,000 cycles								
Electrical Life:	See Rating Chart								
Mechanical Life:	100,000 cycles								
Seal:	IP68S								
Operating Temp Range:	-30°C to +85°C								
MATERIALS:									
Case:	Thermoplastic								
Bushing:	Anodized aluminum alloy								
Toggle:	Stainless steel								
Terminals:	Brass								
Contacts:	Fine silver/silver cadmium oxide								
Low Level:	Gold over silver								
Terminal Hardware:	6-32 screw when applicable T7 recommended Quick Connect terminals: AMP 60253-2 for 12-16 AWG AMP 42100-2 for 14-18 AWG								
Mounting Hardware:	Hex nuts, lockwasher, key way washer								

T7 PART NUMBER CODE 7-X X X X X

T7	7–X	X		X		X	X	X	
		/ _			/			\	_
Circuitry	Terminal Style	Contact Rating	Circuit Made With Actuator At:			Toggle Style		Button Color*	
1. 1 Pole	1250" Q.C.	 Std. 		Keyway	Center	Opposite	1. Bat Handle	1	I. Red
2. 2 Pole	2. Screw	2. Low		Side		Keyway	2. Lever Lockout	2	2. Black
	3. Solder	Level	A.	ON	NONE	OFF	(consult factory	() 3	3. Orange
	4. PC Pin		B.	ON	NONE	ON	3. Dome Button	4	I. Yellow
	(consult		C.	(ON)	NONE	OFF	4. Rocker Button	5	5. Green
	factory)		D.	(ON)	NONE	ON	5. Bat Handle Wit	h 6	6. Blue
			E.	(ON)	OFF	(ON)	Bushing Seal	7	7. Purple
			F.	ON	OFF	ON		8	3. Gray
			G.	(ON)	OFF	ON		9	3. White
			H.	OFF	NONE	ON			
			J.	OFF	NONE	(ON)		* 0n	nly applicable
			K.	ON	OFF	(ON)			Toggle Styles
								38	& 4; otherwise

NOTE: () denotes momentary action.

T7 Connector P/N C801765

omit.