

LOW COST TOGGLE FOR WET & DUSTY ENVIRONMENTS

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 IP68. 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 series toggles are offered in single and double pole configurations. A choice of models are offered to handle power levels to 16 amperes, 1/2HP and low level electronic switching applications.

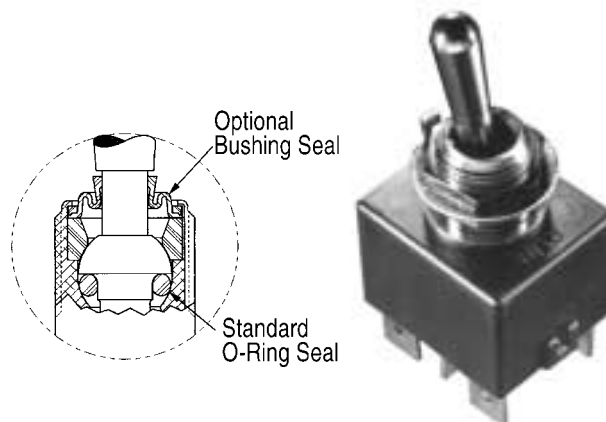
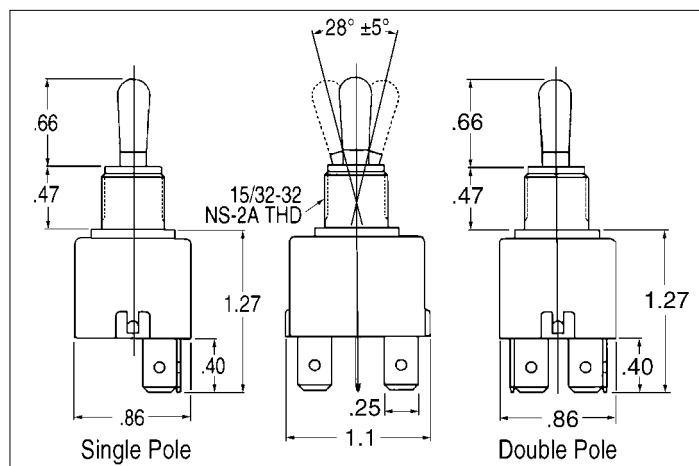
These toggles feature positive detent action for safe switching operation. In conjunction with the unique OTTO snap-action switch mechanism, the T7 series offers non-teasible contact transfer.

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

Mounting hardware provided includes two hex nuts, one lockwasher and one keyway washer. An optional panel gasket is also available.

Quality Features:

- Withstands direct water spray
- Submersible. Designed to meet IP68
- Switches up to 16 Amps
- Withstands extreme shock & vibration
- Positive detent, non-teasible contact transfer
- 2- & 3-position, momentary and maintained action
- Choice of terminal styles
- UL & CSA recognized



Standard Characteristics/Ratings:

OPERATIONAL:

Mechanical Life:	100,000 cycles, minimum
Seal:	Watertight, submersible to IP68
Temperature Range:	-30°C to +85°C
Bushing & Toggle Handle:	Precision machined or cast
Case:	Thermoplastic
Terminals:	Copper alloy
Contacts:	Fine Silver/Silver cad. oxide

ELECTRICAL: (at 28 VDC or 115 VAC, 60/400 Hz.)

Load	Amperes	Life (Min.)
Resistive	16A	25,000 cycles
Resistive	10A	50,000 cycles
Inductive	10A	25,000 cycles
Motor	1/2HP	25,000 cycles

Dielectric Withstand: 1050Vrms

T7 PART NUMBER CODE

Circuitry	Terminal Style	Contact Rating	Circuit Made with Actuator at: Keyway Side	Center	Opposite Keyway	Toggle Style
1. 1 Pole 2. 2 Pole	1. 250" Q.C. 2. Screw 3. Solder 4. PC Pin (Consult Factory)	1. Standard 2. Low level	A. ON B. ON C. MOM-ON D. MOM-ON E. MOM-ON F. ON G. MOM-ON H. OFF J. OFF K. ON	None None None None OFF OFF None None None None	OFF ON OFF ON MOM-ON ON ON ON MOM-ON MOM-ON	1. Bat Handle 2. Lever Lockout (Consult factory) 3. Dome Button 4. Rocker Button 5. Bat Handle With Bushing Seal

T7 Connector part number C801765.