ENVIRONMENTALLY SEALED TOGGLE

The T9 Toggle Switch is an ideal switch for demanding applications. Qualified to MIL-PRF-3950, this high performance switch is a logical choice for use in environments where sealing and resistance to shock and vibration are required. The T9 is particularly suitable for applications in military, off-highway, aviation, commercial and industrial equipment. This compact, environmentally sealed switch is available in single and double pole configurations with a lever lockout option. Circuitry configurations include two or three positions with many combinations of OFF-ON in momentary and maintained action including ON-ON-ON.

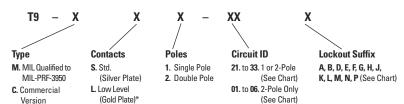
Features:

- **Qualified to MIL-PRF-3950**
- **Sealed per IP68S**
- Lever lockout option available
- **UL, CSA & CE approvals (pending)**
- Maintained & momentary toggle action
- Optional panel seal
- **RoHS & WEEE compliant**

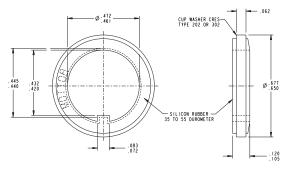


Standard Characteristics/Ratings:								
ELECTRICAL RATINGS: See Product Family Table								
Electrical Life:	20,000 cycles							
Mechanical Life:	40,000 cycles							
Seal:	IP68S							
Operating Temp Range:	-65°C to +71°C							
MATERIALS:								
Toggle:	Stainless steel, passivated							
Bushing & Cover:	Aluminum, clear anodized or zinc alloy							
Case:	Thermoset plastic							
Terminal Hardware:	None required							
Mounting Hardware:	Hex nuts, lockwasher, keyway washer, 0.138-32 UNC-2A screw with lockwasher							

T9 PART NUMBER CODE



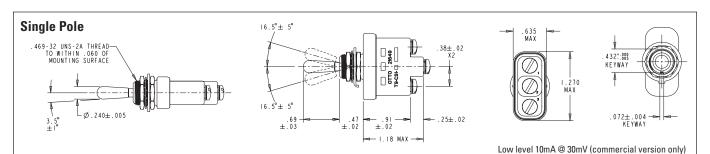
* Available in commercial only.



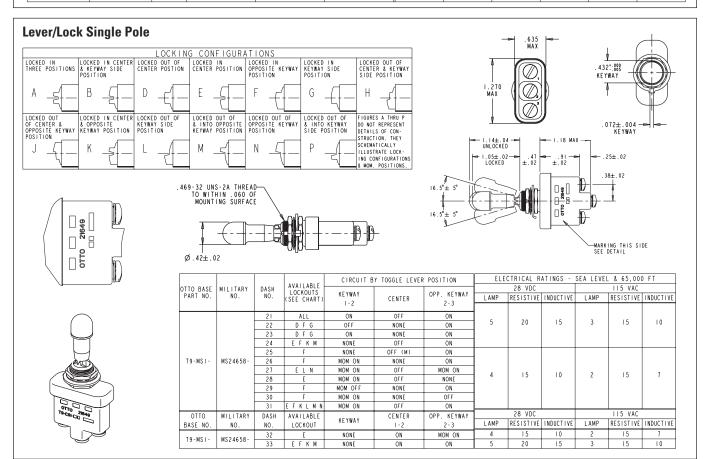
Optional Panel Seal P/N 710196

COMMERCIAL & MIL TOGGLE SWITCHES

PRODUCT FAMILY TABLE



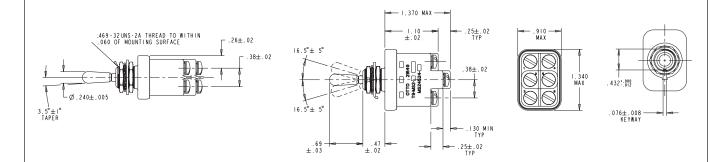
	MILITARY NO.	DASH NO.	CIRCUIT BY	ELECTRICAL RATINGS - SEA LEVEL & 65,000 FT								
OTTO PART NO.			KEYWAY	CENTED	OPP. KEYWAY		28 VDC		II5 VAC			
			I - 2	CENTER	2 - 3	LAMP	RESISTIVE	INDUCTIVE	LAMP	RESISTIVE	INDUCTIVE	
T9-MSI-	MS24523-	21	ON	OFF	ON	5		15	3	15	10	
		22	OFF	NONE	ON		20					
		23	ON	NONE	ON							
		24	NONE	OFF	ON							
		25	NONE	MOM OFF	ON	4	15	10	2	15	7	
		26	MOM ON	NONE	ON							
		27	MOM ON	OFF	MOM ON							
		28	MOM ON	OFF	NONE							
		29	MOM OFF	NONE	ON							
		30	MOM ON	NONE	OFF							
		31	MOM ON	OFF	ON							
OTTO	MILITARY	DASH	KEAMVA	CENTER	OPP. KEYWAY		28 VDC		II5 VAC			
PART NO.	NO.	NO.	KEYWAY	I - 2	2 - 3	LAMP	RESISTIVE	INDUCTIVE	LAMP	RESISTIVE	INDUCTIVE	
TO MCI	MS24523-	32	NONE	ON	MOM ON	4	15	10	2	15	7	
T9-MSI-		33	NONE	ON	ON	5	20	15	3	15	10	



PRODUCT FAMILY TABLE

COMMERCIAL & MIL TOGGLE SWITCHES

Double Pole



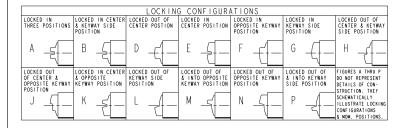
Low level 10mA @ 30mV (commercial version only)

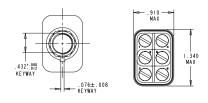
0770 0105			CIRO	ELECTRICAL CURRENT RATINGS (AMPS) - SEA LEVEL & 65,000 FT							
OTTO BASE PART NO.	MILITARY STANDARD	NO.	KEYWAY CENTER		OPP. KEYWAY	28 VDC 115 VAC, 60Hz & 400					
TAKT NO.	STANDARD		1-2 / 4-5	CENTER	2-3 / 5-6	LAMP	RESISTIVE	INDUCTIVE	LAMP	RESISTIVE	INDUCTIVE
T9-MS2-01		- 1	ON	2-3 ON 4-5	ON	7	20	15	4	15	15
T9-MS2-02	- MS27407	2	MOM ON	2-3 ON 4-5	ON	5	18	10	2		8
T9-MS2-03		.3	MOM ON	2-3 ON 4-5	MOM ON		10	10	2	'''	
T9-MS2-04		4	ON	1-2 ON 5-6	ON	7	20	15	4	15	15
T9-MS2-05		5	MOM ON	1-2 ON 5-6	ON	5	18	10	2	П	8
T9-MS2-06		6	MOM ON	1-2 ON 5-6	MOM ON	3					
	MS24524-	21	ON	OFF	ON		20	15	4	15	10
		22	OFF	NONE	ON	7					
		23	ON	NONE	ON	I '					
		24	NONE	OFF	ON						
		25	NONE	MOM OFF	ON		18	10	2	11	8
T9-MS2-		26	MOM ON	NONE	ON						
		27	MOM ON	OFF	MOM ON						
		28	MOM ON	OFF	NONE	5					
		29	MOM OFF	NONE	ON						
		30	MOM ON	NONE	OFF						
		31	MOM ON	OFF	ON						
OTTO BASE	MILITARY	DASH	KEYWAY	CENTER	OPP. KEYWAY	28 VDC			II5 VAC		
PART NO.	STANDARD NO.		NEIMAI	1-2 / 4-5	2-3 / 5-6	LAMP	RESISTIVE	INDUCTIVE	LAMP	RESISTIVE	INDUCTIVE
T9-MS2-	MS24524-	32	NONE	ON	MOM ON	5	18	10	2	11	8
12-W25-		33	NONE	ON	ON	7	20	15	4	15	15

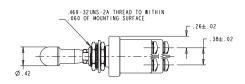


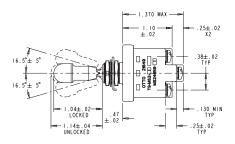
PRODUCT FAMILY TABLE

Lever/Lock Double Pole











OTTO BASE MILITARY STANDARD	MILLITARY	DASH NO.	AVAILABLE LOCKOUTS	CIRCUIT CONFIGURATION			ELECTRICAL CURRENT RATINGS (AMPS) - SEA LEVEL & 65,000 FT									
				KEYWAY	CENTER	OPP. KEYWAY	28 VDC			II5 VAC, 60Hz & 400Hz						
	OTARDARD		(SEE CHART)	1-2 / 4-5	CENTER	2-3 / 5-6	LAMP	RESISTIVE	INDUCTIVE	LAMP	RESISTIVE	INDUCTIVE				
		21	ALL	ON	OFF	ON	7	20	15	4	15	10				
		22	D,F,G	OFF	NONE	ON										
		23	D,F,G	ON	NONE	ON										
		24	E,F,K,M	NONE	OFF	ON										
T9-MS2- I	MS24659-	25	F	NONE	MOM OFF	ON	5	18	10	2	Ξ	8				
		26	F	MOM ON	NONE	ON										
		27	E,L,N	MOM ON	OFF	MOM ON										
		28	E	MOM ON	OFF	NONE										
		29	F	MOM OFF	NONE	ON										
		F	F			30	F	MOM ON	NONE	OF F	1					
				31	E,F,K,L,M,N	MOM ON	OFF	ON	1							
OTTO BASE	MILITARY	DASH	-	V.F.V.W.A.V.	CENTER	OPP. KEYWAY		28 VDC		II5 VAC						
PART NO.	STANDARD	NO.	E	KEYWAY	1-2 / 4-5	2-3 / 5-6	LAMP	RESISTIVE	INDUCTIVE	LAMP	RESISTIVE	INDUCTIVE				
T9-MS2-	MS24659-	MS24659-	32	E	NONE	ON	MOM ON	5	18	10	2	Ш	8			
			M524659-	M524659-	33	E,F,K,M	NONE	ON	ON	7	20	15	4	15	15	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

OTTO: T9-CS2-23F