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.

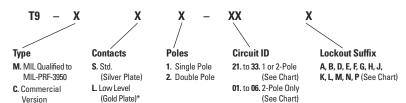
Features:

- **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**

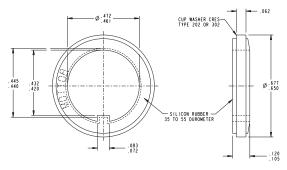


Standard Characteri	stics/Ratings:
ELECTRICAL RATINGS:	See Product Family Table
Electrical Life:	20,000 cycles
Mechanical Life:	40,000 cycles
Seal:	IP68S
Operating Temp Range:	-65°C to +71°C
MATERIALS:	
Toggle:	Stainless steel, passivated
Bushing & Cover:	Aluminum, clear anodized or zinc alloy
Case:	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



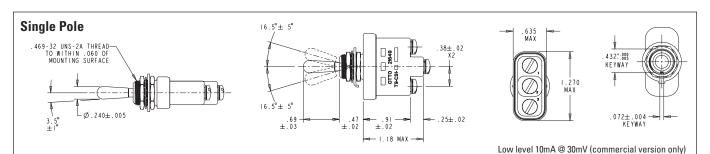
* Available in commercial only.



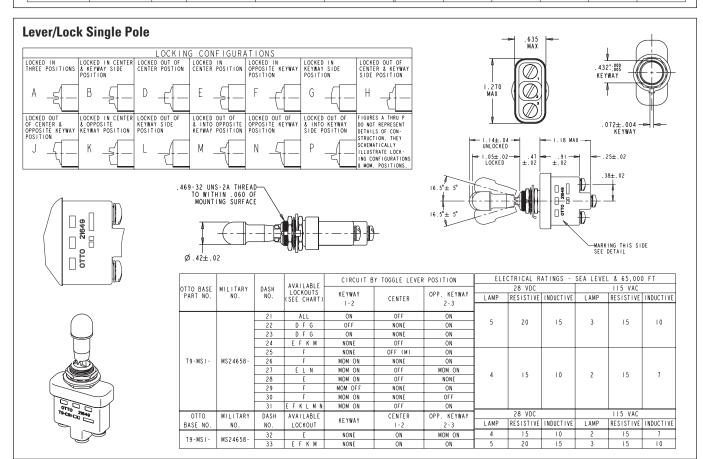
Optional Panel Seal P/N 710196

COMMERCIAL & MIL TOGGLE SWITCHES

PRODUCT FAMILY TABLE



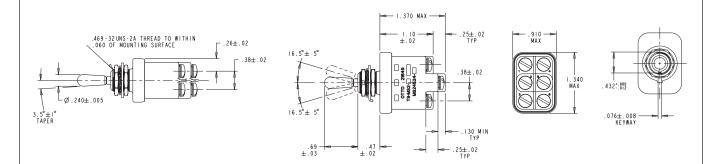
	MILITARY NO.	DASH NO.	CIRCUIT BY	ELECTRICAL RATINGS - SEA LEVEL & 65,000 FT																	
OTTO PART NO.			KEYWAY	CENTED	OPP. KEYWAY		28 VDC		II5 VAC												
			I - 2	CENTER	2 - 3	LAMP	RESISTIVE	INDUCTIVE	LAMP	RESISTIVE	INDUCTIVE										
	MS24523-	21	ON	OFF	ON	5	20	15	3	15	10										
		22	OFF	NONE	ON																
		23	ON	NONE	ON																
		24	NONE	OFF	ON																
T9-MSI-		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-		M324323-	M524523-	M524523-	M324323-	M524523-	M324523-	M524523-	M524523-	M524523-	M524523-	MS24523-	33	NONE	ON	ON	5	20	15	3	15



PRODUCT FAMILY TABLE

COMMERCIAL & MIL TOGGLE SWITCHES

Double Pole



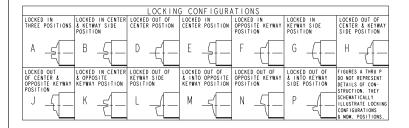
Low level 10mA @ 30mV (commercial version only)

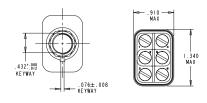
0770 0105		v DACII	CIRCUIT CONFIGURATION			ELECTRICAL CURRENT RATINGS (AMPS) - SEA LEVEL & 65,000 FT						
OTTO BASE MILITARY PART NO. STANDARD		DASH NO.	KEYWAY CENTER		OPP. KEYWAY		28 VDC		II5 VAC, 60Hz & 400Hz			
		110.	1-2 / 4-5	CENTER	2-3 / 5-6	LAMP	RESISTIVE	INDUCTIVE	LAMP	RESISTIVE	INDUCTIVE	
T9-MS2-01	- MS27407-	ı	ON	2-3 ON 4-5	ON	7	20	15	4	15	15	
T9-MS2-02		2	MOM ON	2-3 ON 4-5	ON	5	18	10	2	11	8	
T9-MS2-03		.3	MOM ON	2-3 ON 4-5	MOM ON							
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							
		21	ON	OFF	ON	7	20	15	4	15	10	
		22	OFF	NONE	ON							
		23	ON	NONE	ON							
		24	NONE	OFF	ON							
		25	NONE	MOM OFF	ON		18	10	2	11	8	
T9-MS2-	MS24524-	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	WAY CENTER OPP. KEYWA		28 VDC			II5 VAC			
PART NO.	STANDARD	NO.	WE I WAT	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	
13 1132		33	NONE	ON	ON	7	20	15	4	15	15	

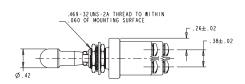


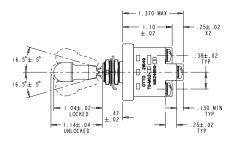
PRODUCT FAMILY TABLE

Lever/Lock Double Pole











			AVAILABLE	CIRC	ELECTRICAL CURRENT RATINGS (AMPS) - SEA LEVEL & 65,000 FT										
OTTO BASE PART NO.	MILITARY STANDARD	NO.	LOCKOUTS	KEYWAY	I CENTER I	OPP. KEYWAY	28 VDC			II5 VAC, 60Hz & 400Hz					
TART NO. STANDAR	STANDAND		(SEE CHART)	1-2 / 4-5		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-	MS24659-	25	F	NONE	MOM OFF	ON		18	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	5								
		29	F	MOM OFF	NONE	ON									
		30	F	MOM ON	NONE	OFF									
		31	E,F,K,L,M,N	MOM ON	OFF	ON									
OTTO BASE	MILITARY	DASH	н ғ	ASH _	KLAMVA	CENTER	OPP. KEYWAY		28 VDC			II5 VAC			
PART NO.	STANDARD	NO.	L L	KEYWAY	1-2 / 4-5	2-3 / 5-6	LAMP	RESISTIVE	INDUCTIVE	LAMP	RESISTIVE	INDUCTIVE			
T9-MS2-	MS24659-	32	E	NONE	ON	MOM ON	5	18	10	2	- 11	8			
1a-W25-		M524659-	M524659-	M524659-	M524659-	33	E,F,K,M	NONE	ON	ON	7	20	15	4	15