

# OTTO SWITCHES & PISTOL GRIPS



## T7 COMMERCIAL TOGGLE SWITCHES

T7 commercial toggle switch, waterproof bushing seal switches up to 16 amps 15/32-32 thread mount. Includes mounting hardware.

### SPECIFICATIONS

Electrical: (at 28VDC or 115VAC, 60/400 Hz.)		
Load	Amperes	Life (Nominal)
Resistive	16	25,000
Inductive	10	25,000
Motor	1/2 HP	25,000

No. of Poles	OTTO No.	Circuit	Our P/N	Price ea.
1	T7-131A1	on-off	11-00755	\$21.50
1	T7-131B1	on-on	11-00756	\$21.50
1	T7-131C1	mom-off	11-00757	\$21.50
1	T7-131D1	mom-on	11-00758	\$21.50
1	T7-131E1	mom-off-mom	11-00759	\$21.50
1	T7-131F1	on-off-on	11-00760	\$21.50
1	T7-131G1	mom-off-on	11-00761	\$21.50
2	T7-231A1	on-off	11-00762	\$24.50
2	T7-231B1	on-on	11-00763	\$22.50
2	T7-231C1	mom-off	11-00764	\$20.50
2	T7-231D1	mom-on	11-00765	\$15.85
2	T7-231E1	mom-off-mom	11-00766	\$23.75
2	T7-231F1	on-off-on	11-00767	\$22.85
2	T7-231G1	mom-off-on	11-00768	\$23.75

Note: MOM designates Momentary On.



## T3 MINIATURE TOGGLE SWITCHES

Military MS27718 qualified. High reliability, rugged. Solder turret for wire attachment. 303 stainless toggle, 15/32" bushing version has a waterproof seal. Specifications Electrical: (at 28VDC or 115VAC, 60/400 Hz.)

Load	Amps	Life (full load)	Load	Amps	Life (full load)
Resistive	5	30,000	Lamp	1	30,000
Inductive/Motor	2	30,000	Mechanical Life	n/a	100,000

No. of Poles	MIL No.	OTTO No.	Circuit	Our P/N	Price ea.
1	MS27718-21-1	T3-11111	on-off-on	11-00772	\$33.50
1	MS27718-22-1	T3-11121	off-on	11-00773	\$33.50
1	MS27718-23-1	T3-11131	on-on	11-00774	\$33.95
1	MS27718-26-1	T3-11141	mom-on	11-00775	\$35.70
1	MS27718-27-1	T3-11151	mom-off-mom	11-00776	\$36.60
1	MS27718-31-1	T3-11161	mom-off-on	11-00777	\$35.70
2	MS27719-22-1	T3-11221	off-on	11-00779	\$33.75
2	MS27719-23-1	T3-11231	on-on	11-00780	\$36.60
2	MS27719-27-1	T3-11251	mom-off-mom	11-00782	\$37.85
2	MS27719-31-1	T3-11261	mom-off-on	11-00783	\$35.50

Note: MOM designates Momentary On.

## P5 ON-OFF ALTERNATE ACTION SWITCH



Push and the P5 series switch holds "on" push again and the P5 switch turns "off". Positive tactile feedback is featured so the operator is clearly aware the switch mode has been executed. The button returns to the original position after each actuation.

To guard against front panel splash and dirt, the P5 series is sealed at the button with OTTO's patented rolling sleeve principle. The terminals are sealed with epoxy, providing a seal against flux during wiring and behind panel dirt and moisture. The combination of sealing provides smooth operation over a wide temperature range. Watertight sealing to 1meter (IP68) pressure is also available.

Load	Amps	Life (full load)	Load	Amps	Life (full load)
Resistive	10	25,000	Motor	3	25,000
Inductive	5	25,000	Lamp	1	25,000

Switch	Part No.	Price	Switch	Part No.	Price
Press Fit-red	11-00796	\$28.75	Thread Mount Red	11-00769	\$28.85
Press Fit-black	11-00797	\$28.75	Thread Mount Black	11-00770	\$27.50
Press Fit-white	11-00798	\$28.95	Thread Mount White	11-00771	\$28.75

## OTTO PISTOL GRIPS



Otto Controls has been making the switches used in a majority of military and commercial flight grips manufactured for the last 40 years. Otto has evolved from a switch supplier into a major gri supplier with flight grips in numerous military and commercial aircraft. These rugged grips are the same as our military qualified grips but without the expensive threaded connector. Grips have a 1.15" ID which can be adapted to a 3/4" or 7/8" joystick with separate sleeves sold below.

Grip Kit	Otto Part No.	2-position Trigger	4-Way Trim Switch	Push-Button Switch	Our Part No.	Price Each
B8	G2-0048	1	1	3	11-00751	\$789.00
Cobra	G2-0049	1	1	4	11-00752	\$885.00
T4-0204 4-WAY SWITCH FOR B8 - Four way trim with a large hat style button. Fits into the trim position of the G2-0048 and G2-0049 flight grip kits. Can handle up to a 1 amp inductive load at 28VDC.					11-07956	\$259.85

Grip/Joystick Sleeve			
Joystick O.D.	Part No.	Our Part No.	Price
3/4" shaft	302379	11-00753	\$69.75
7/8" shaft	302380	11-00754	\$88.75

## P1 MOMENTARY SWITCHES

MIL qualified. Dustproof, snap action, solder terminals, rugged reliable construction.

### SPECIFICATIONS

Electrical: (at 28VDC or 115VAC, 60/400 Hz.)		
Load	Amperes	Life (Nominal)
Resistive	10	25,000 cycles
Inductive/Motor	5	25,000 cycles
Lamp	3	25,000 cycles

PRESS FIT				
MIL No.	Otto No.	Button Color	Our Part No.	Price
MS25089-1AL	P1-12121	Red	11-00745	\$21.55
MS25089-1A	P1-12122	Black	11-00746	\$22.85
MS25089-1AW	P1-12129	White	11-00747	\$21.80

THREADED BEZEL				
MIL No.	Otto No.	Button Color	Our Part No.	Price
MS25089-1CR	P1-32121	Red	11-00748	\$21.80
MS25089-1C	P1-32122	Black	11-00749	\$22.95
MS25089-1CW	P1-32129	White	11-00750	\$22.70



## T3 1/4-40 UNSEALED BUSHING TOGGLE SWITCHES



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 snap-action contact actuation.

No. of Poles	MIL No.	OTTO No.	Circuit	Our Part Number	Price each
1	MS27716-21-1	T3-21111	On-Off-On	11-00784	\$24.85
1	MS27716-22-1	T3-21121	Off-None-On	11-00785	\$23.80
1	MS27716-23-1	T3-21131	On-None-On	11-00786	\$24.85
1	MS27716-26-1	T3-21141	On-None-(On)	11-00787	\$18.65
1	MS27716-27-1	T3-21151	(On)-Off-(On)	11-00788	\$24.95
1	MS27716-31-1	T3-21161	On-Off-(On)	11-00789	\$21.50
2	MS27717-21-1	T3-21211	On-Off-On	11-00790	\$25.50
2	MS27717-22-1	T3-21221	Off-None-On	11-00791	\$23.75
2	MS27717-23-1	T3-21231	On-None-On	11-00792	\$25.50
2	MS27717-26-1	T3-21241	(On)-None-On	11-00793	\$26.50
2	MS27717-27-1	T3-21251	(On)-Off-(On)	11-00794	\$28.95
2	MS27717-31-1	T3-21261	On-Off-(On)	11-00795	\$24.99

Note: ( ) denotes Momentary action.

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