

# SWITCHES

## ULTRA-MINIATURE TOGGLE SWITCHES



Ultra-miniature switches are rated at 6 amps at 125V AC and 4 amps at 28V DC. Solid silver contacts. Terminals are gold flashed to inhibit oxidation and to provide easier soldering. Case material is green diallyl phthalate resin. Bushing thread size: 1/4-40, usable in panel thickness up to 1/4". Micro Switch Co. have discontinued the manufacture of the 8A and 8H type switches, so switches by alternate manufacturers will be furnished. In most instances, Alco switches will be supplied. Switches furnished complete with locking ring and attaching hardware.

Alco Sw. Part No.	Micro Sw. Part No.	Contact	Toggle Circuit*	Price Each
MTA-106D	8A1011	SPST	01	---
MTA-106E	8A1021	SPDT	02	---
MTA-106G	8A1041	SPDT	04	---
MTA-206N	8A2011	DPST	01	---
MTA-206P	8A2021	DPDT	02	---
MTA-206S	8A2041	DPDT	04	---
JMT-226	8A2061	DPST	06	---
MTA-306D	8A3011	3PDT	01	---
MTA-406N	8A4011	4PDT	01	---

\* See Toggle Circuit Table  
LEVER/CIRCUIT RELATIONSHIP

### TOGGLE CIRCUIT TABLE

Toggle Circuit	Circuitry*		
	One Side	Center	Other Side
01	On	None	On
02	On	Off	On
04	(On)	Off	(On)
05	On	Off	(On)
06	On	None	(On)

\*Use the "01" circuitry for On-Off switch. In hook-up, use center terminal & one side terminal. Leave other side terminal blank.

The operating sequence above is repeated in multipole devices. Each pole has double-throw circuitry and consists of three terminals which exit at the bottom of the switch case. The keyway is a helpful reference when you are applying a switch with the momentary (ON) circuit at one of the extreme lever positions.

## TWIN CESSNA SWITCH COVERS



Are your switch covers faded by the sun or just looking grimy? These replacement switch covers fit on nearly every typical switch in Cessna Twins. Switch cover sets are available for 300 series twins (4 red, 3 black, and 18 white switches) and 400 series twins (4 red, 3 black, & 23 white switches). Also available are sets of 30 mini-switch covers for audio panels, prop sync, fuel transfer pumps, DME, etc.  
300 Series.....P/N 11-22210  
400 Series.....P/N 11-22220  
Mini Switch Package.....P/N 11-22230

## TOGGLE SWITCH COVERS



Dress up the appearance of your panel and color code your toggle switches with high quality vinyl covers that do not have a nipple at the end of the cover. Available in various colors.

### Standard Size

Red.....P/N 11-00815.....Green P/N 11-00817  
White.....P/N 11-00816.....Blue P/N 11-00819  
Yellow.....P/N 11-01698.....Black P/N 11-02823

### Mini Size

Red.....11-00820.....White 11-00821

## SUB-MINIATURE PUSH BUTTON SWITCH



This sub-miniature push button switch, with one-piece bushing and case construction, and hex nut. It has a relatively high current carrying capacity (3 amps at 125VAC) and a life expectancy of 25,000 operations at rated current. Momentary type SPDT switch, ideal for use as a mic switch on control wheel.

ON (ON) SPDT Plunger - 3A 250VAC Momentary Contact - .256 inch mounting hole.....P/N 11-18894

## LED ILLUMINATED TOGGLE SWITCHES WITH LEVER



20 AMP Silver Contacts  
Single pole switches with Plastic Lever.  
**Note:** Illuminated switches work as ON-OFF switches.  
Red.....P/N 11-17748  
Amber.....P/N 11-17750  
Blue.....P/N 11-17751

## MS25224 SWITCHGUARDS



Prevents inadvertent operation of the switch. Switch can be operated only when the spring-loaded guard is lifted up. Returning guard to the down position forces the switch lever to the off position. Single-hole type for neck-mount switches such as AN3021 and AN3027. 3-hole type for panel-mounted switches such as AN3023. Color: Red.  
MS25224-1 (one hole) Ea.  
MS25224-2 (3 holes) Ea.

## KLIXON SWITCH GUARDS



Spring Loaded Switch Guards. Klixon switch guards can be used with 2 or 3 position switches. Covers are molded out of Thermoset molding materials. Guard covers are spring loaded to close.

Description	Pos.	Color	Code	Part No.	Price
Phenolic	2	Red	2	11-04228	---
Metal	2	Green	4	11-06222	---
Phenolic	3	Red	9	11-06223	---
Phenolic	2	Red	10	11-03917	---
Phenolic	2	Red	11	11-06225	---

## CESSNA SPLIT MASTER SWITCH



This versatile split red master switch has been used in virtually all single engine Cessna models since 1970 and can be used in most light aircraft with single alternator systems. Left rocker normally used for alternator and right half for battery. Order mount separately.  
Red Switch.....P/N 11-15900  
Beige Switch.....P/N 11-05733  
Mount.....P/N 11-15910



**CESSNA MASTER SWITCH S1159-1-1**  
Cessna master switch S1159-1-1 ..P/N 05-27018

## TOGGLE SWITCHES



Toggle switches are available with 2 or 3 operating positions, one or three hole mounting and a variety of circuitry and electrical ratings. Contacts are made of solid silver. Wide usage is found in aircraft, mobile, marine, electronic and industrial applications. Available in full "AN" standard size and Ultra Miniature 1/2" size. The leading manufacturers of toggle switches are Micro Switch, Alcoswitch, Cutler Hammer, and JBT (now Cutler Hammer). Orders will be filled with switches of manufacturer whose product is available in local stock.

AN No.	MS No.	Mfgs. P/N	Size	Contact	Toggle Circuit *	Price
AN3021-1	MS35058-21	JBT - MS No.	1/2 Miniature	SPDT	1*	---
AN3021-2	MS35058-22	JBT - MS No.	1/2 Miniature	SPDT	2*	---
AN3021-3	MS35058-23	JBT - MS No.	1/2 Miniature	SPDT	3*	---
AN3027-2	MS35059-22	JBT - MS No.	Full Standard	DPST	2*	---
AN3027-3	MS35059-23	JBT - MS No.	Full Standard	DPDT	3*	---
AN3027-7	MS35059-27	JSBT-MS No.	Full Standard	DPDT	5*	---
AN3027-4	MS35059-24	JBT - MS No.	Full Standard	DPST	7	---

\* See Toggle Circuit Table \* Available toggle lever positions & circuits

TOGGLE CIRCUIT CODE (*)	Circuitry with Toggle at:		
	UP	CENTER	DOWN
1	On	Off	On
2	On	None	Off
3	On	None	On
4	On	Off	On**
5	On*	Off	On**
6	Off	None	On*
7	On	Off	None

## PUSH BUTTON SWITCH



Honeywell MS24524-23 Switch Toggle (On/On).  
P/N 05-22876

## PUSH BUTTON SWITCH



A quality momentary SPST switch, perfect as a starter button. Comes with a special boot that keeps out dust and weather.  
P/N SPB01

## MINIATURE MOMENTARY PUSHBUTTON SWITCH



Normally open. Found in many Piper aircraft. Color: Black.  
#8631ZBD2.....P/N 11-01899