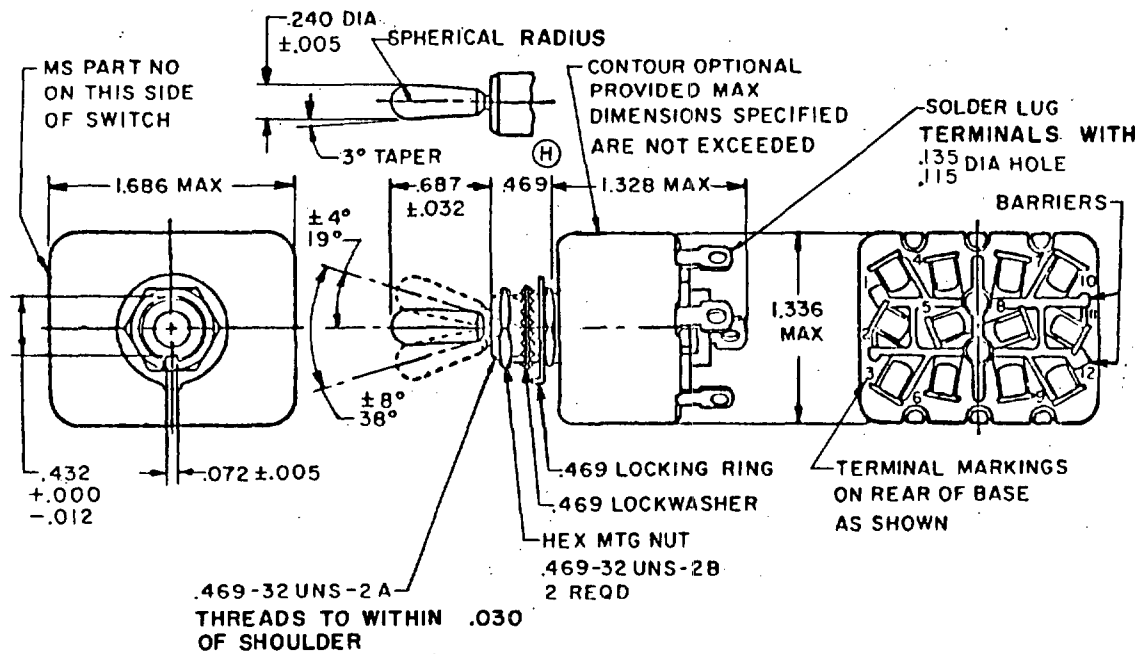


FED. SUP CLASS  
5930User activities:  
Army -  
Navy -  
Air Force -Review activities: Army - AR, MI  
Navy - EC  
Air Force - II, 17, 99

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(H) DENOTES CHANGE

APPROVED 31 DEC 68 REVISED (H) 30 SEP 86

P.A AF - 85	International interest	TITLE SWITCH, TOGGLE, POSITIVE BREAK, ENVIRONMENTALLY SEALED, SOLDER LUG, FOUR POLE, .469 MOUNTING BUSHING, 25 AMPERES	MILITARY STANDARD
Other Cust Army - ER Navy - AS			MS14003
Procurement Specification MIL-S-8834		SUPERSEDES: MS0014003(USAF)	PAGE 1 OF 4

DD FORM 672 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.  
1 MAY 73

5930-1331-03

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Review activities: Army - **AR, MI**  
Navy - **EC**  
Air Force - **11, 17, 99**

User activities: Army -  
Navy -  
Air Force -

FED. SUP CLASS  
**5930**

# DETAIL REQUIREMENTS

MS dash no	Circuit made between terminals as indicated with the toggle lever in these positions:		Current capacity amperes per pole 28 volts dc			Current capacity amperes per pole 115 volts 400 hertz ac			Current capacity amperes per pole 115 volts 60 hertz ac		
	Opposite keyway side	Center position	Keyway side	Lamp load circuit	Resis- tive circuit	Induc- tive circuit	Lamp load circuit	Resis- tive circuit	Induc- tive circuit	Lamp load circuit	Resis- tive circuit
-212		off	on 1-2, 4-5								
-222			7-8, 10-11								
		none	off								
-232	on 2-3, 5-6 8-9, 11-12		on 1-2, 4-5 7-8, 10-11								
-242		off	none								
-262		none			7	25		25	15	7	20
-272	mom-on 2-3, 5-6		mom-on 1-2, 4-5								
-272	8-9, 11-12		7-9, 10-11								
-282	none	off									
-292	on 2-3, 5-6										
-302	8-9, 11-12	none	mom-off								
	off		mom-on								
-312	on 2-3, 5-6 8-9, 11-12	off	1-2, 4-5 7-8, 10-11								

1/ Application information ratings at room temperature.

P.A. **AF-85**

International  
interest

TITLE

SWITCH, TOGGLE, POSITIVE BREAK,  
ENVIRONMENTALLY SEALED, SOLDER  
LUG, DOUBLE POLE, .469 MOUNTING  
BUSHING, 25 AMPERES

MILITARY STANDARD

Other Cust  
**ARMY-ER**  
**NAVY-AS**

**MS14003**

Procurement Specification  
**MIL-S-8834**

SUPERSEDES:

**MS0014003(USAF)**

PAGE 2 OF 4

**DD FORM 1 MAY 73 672**

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Review activities: Army - AR, MI Navy - EC Air Force - II, 17, 99

User activities: Army - Navy - Air Force -

FED. SUP CLASS  
5930

DETAIL REQUIREMENTS

MS dash no	Current capacity amperes per pole 1/ 250 volts 60 hertz ac			Current capacity amperes per pole 1/ 125 volts dc			Current capacity amperes per pole 1/ 250 volts dc			Life low current level switching 30 mV
	Lamp load circuit	Resis- tive circuit	Induct- ive circuit	Lamp load circuit	Resis- tive circuit	Induct- ive circuit	Lamp load circuit	Resis- tive circuit	Induct- ive circuit	
-212										
-222										
-232										
-242										
-252										
-272										
-272										
-282										
-292										
-302										
-312										

1/ Application information ratings at room temperature.

(H)

P.A AIR FORCE-85 Other Cust ARMY-ER NAVY-AS	International interest	TITLE SWITCH, TOGGLE, POSITIVE BREAK, ENVIRONMENTALLY SEALED, SOLDER LUG, FOUR POLE, .469 MOUNTING BUSHING, 25 AMPERES	MILITARY STANDARD
Procurement Specification MIL-S-8834	SUPERSEDES:	MS0014003(USAF)	MS14003
DD FORM 672 1 MAY 73		PAGE 3 OF 4	

FED. SUP CLASS

5930

User activities: Army -  
Navy -  
Air Force -

Review activities: Army - AR, MI  
Navy - EC  
Air Force - II, 17, 99

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INCHES	mm	INCHES	mm
.005	0.13	.240	6.10
.010	0.25	.432	10.97
.012	0.30	.469	11.91
.030	0.76	.687	17.45
.032	0.81	1.328	33.73
.072	1.83	1.336	33.93
.115	2.92	1.686	42.82
.135	3.43		

## NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerances are  $\pm 0.010$  (0.25 mm) on decimals and  $\pm 5^\circ$  on angles.
4. For hardware detail specifications see appendix of MIL-S-8834.
5. For design feature purposes, this standard takes precedence over acquisition documents referenced herein.
6. Referenced Government documents of the issue listed in that issue of the Department of Defense Index of Specifications and Standards (DoDISS) specified in the solicitation form a part of this standard to the extent specified herein.
7. Configuration of switch case housing, terminals and barrier; design optional providing maximum dimensions specified are not exceeded.
8. Weight: .175 pound maximum (79.4 grams).
9. Altitude requirement: 80,000 feet.
10. 115 V ac 60 hertz electrical endurance tests are to be performed at room temperature and pressure.
11. Contact Bounce: Shall not exceed 3.5 milliseconds.

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