



FED. SUP CLASS  
5930

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

User activities: Army -  
Navy -  
Air Force -

DETAIL REQUIREMENTS;

MS DASH NO. ENVIRONMENTAL SEALED	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PER POLE 115 VOLTS 400 HERTZ			CURRENT CAPACITY AMPERES PER POLE 115 VOLTS 60 HERTZ			LIFE LOW CURRENT LEVEL SWITCHING	SUPERSEDED DASH NUMBER
	OPPOSITE KEYWAY SIDE	CENTER POSITION	KEYWAY SIDE	LAMP LOAD CIRCUIT	RESISTIVE CIRCUIT	INDUCTIVE CIRCUIT	LAMP LOAD CIRCUIT	RESISTIVE CIRCUIT	INDUCTIVE CIRCUIT	LAMP LOAD CIRCUIT	RESISTIVE CIRCUIT	INDUCTIVE CIRCUIT		
-212		OFF	ON 1-2,4-5										30 mv	-211
-222			NONE											-221
-232	ON 2-3, 5-6		ON 1-2,4-5											-231
-242			OFF											-241
-262			NONE											-261
-272	NOM-ON 2-3,5-6	OFF	NOM-ON 1-2, 4-5	7	25	15	7	25	15	7	20	15	10 mA	-271
-282			NONE											-281
-292	ON 2-3,5-5		NONE											-291
-302	OFF		NOM-ON 1-2,4-5											-301
-312	ON 2-3,5-6	OFF												-311

1/ Application information ratings at room temperature.

APPROVED 28 Aug 58 REVISED (K) For changes see pages 1 & 3

P.A. Air Force-85  
Other Cust Army-ER Navy-AS

International Interest  
ASCCAS 12/16A

TITLE SWITCH, TOGGLE, POSITIVE BREAK, ENVIRONMENTALLY SEALED, SCREW TERMINAL, DOUBLE POLE, .469 MOUNTING BUSHING, 25 AMPERES

MILITARY STANDARD  
MS 25307

Procurement Specification MIL-S-8834

SUPERSEDES: MS0025307 (USAF)

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(K)

MS DASH NO. ENVIRONMENTAL SEALED	CURRENT CAPACITY 1/ AMPERES PER POLE 250 VOLTS 60 HERTZ AC			CURRENT CAPACITY 1/ AMPERES PER POLE 125 VOLTS DC			CURRENT CAPACITY 1/ AMPERES PER POLE 250 VOLTS DC			LIFE LOW CURRENT LEVEL SWITCHING 30 mV	SUPERSEDED DASH NUMBER  TOGGLE SEALED
	LAMP LOAD CIRCUIT	RESISTIVE CIRCUIT	INDUCTIVE CIRCUIT	LAMP LOAD CIRCUIT	RESISTIVE CIRCUIT	INDUCTIVE CIRCUIT	LAMP LOAD CIRCUIT	RESISTIVE CIRCUIT	INDUCTIVE CIRCUIT		
-212											-211
-222											-221
-232											-231
-242											-241
-262											-261
-272		10	7		750 mA	-		500 mA	-	10 mA	-271
-282											-281
-292											-291
-302											-301
-312											-311

1/ Application information ratings at room temperature.

REVISED (K) FOR CHANGES SEE PAGES 1 & 3

APPROVED 28 AUG 58

P.A AIR FORCE-85 Other Cust ARMY - ER NAVY - AS	International Interest ASCCAS 12/16A	TITLE	SWITCH, TOGGLE, POSITIVE BREAK, ENVIRONMENTALLY SEALED, SCREW TERMINAL, DOUBLE POLE, .469 MOUNTING BUSHING, 25 AMPERES	MILITARY STANDARD
				MS 25307
Procurement Specification MIL-S-8834		SUPERSEDES:	MS0025307 (USAF)	PAGE 3 OF 4

User activities: Army -  
Navy -  
Air Force -

Review activities: Army - AR, MI  
Navy - E, C  
Air Force - 11, 17, 99

INCHES	mm	INCHES	mm
.005	0.13	.25	6.35
.012	0.30	.432	10.97
.030	0.76	.469	11.91
.032	0.81	.687	17.45
.072	1.83	1.015	25.78
.138	3.51	1.203	30.56
.240	6.10	1.336	33.93

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerances are +.010 (0.25 mm) on decimals and +.5° on angles.
4. For hardware and terminal screw 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. The MS dash numbers supersede and are completely interchangeable with the superseded dash numbers.
8. Example of part numbers:  
MS25306-212 = ON-OFF-ON, environmentally sealed switch.  
MS25306-272 = MOM-ON, OFF, MOM-ON environmentally sealed switch.
9. Maximum weight: .0953 pound (43.2 grams).
10. Altitude requirements: 80,000 feet.
11. 115 V ac, 60 hertz electrical endurance tests are to be performed at room temperature and pressure.

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