

FED. SUP CLASS
5930

ER, AR, MI
AS, EC
11, 17, 99

Army -
Navy -
Air Force -

User activities

Army -
Navy -
Air Force -

Review activities

Army -
Navy -
Air Force -

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document when applicable

MS DASH NO. 1 ENVIRONMENTAL SEALED	LOCKING COMB.	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		
		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	A, B, C, D, E		OFF	ON 1-2, 4-5								
222	C, E		NONE	OFF								
232		ON 2-3, 5-6		ON 1-2, 4-5								
242	J, B		OFF	NONE								
262	L		NONE									
272	F, H	MON-ON 2-3, 5-6	OFF	MON-ON 1-2, 4-5	7	25	15	7	25	15	7	20
282	K	NONE										
292	L	ON 2-3, 5-6		MON-OFF								
302		OFF		MON-ON 1-2, 4-5								
312	S, K, M N	ON 2-3, 5-6	OFF									

P.A AF - 85

Other Cust
ARMY - ER
NAVY - ASInternational
InterestASCCAS
12/16A

TITLE

SWITCH, TOGGLE, POSITIVE BREAK,
LEVER LOCK, ENVIRONMENTALLY
SEALED, SCREW TERMINAL, DOUBLE
POLE, .489 MOUNTING BUSHING, 25
AMPERES

MILITARY STANDARD

MS 24613

Procurement Specification
MIL-S-8834SUPERSEDES:
MS0024613

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DD FORM 672
1 MAY 73

(Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

APPROVED 18 Aug 60 REVISED 4 For changes see pages 1 & 3

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Review activities. Army - ER, AR, MI
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(J)

MS DASH NO. ENVIRON- MENTAL SEALED	CURRENT CAPACITY AMPERES PER POLE 250 VOLTS 60 HERTZ AC			CURRENT CAPACITY AMPERES PER POLE 125 VOLTS DC			CURRENT CAPACITY AMPERES PER POLE 250 VOLTS DC			LIFE LOW CURRENT LEVEL SWITCHING 30 mV
	LAMP LOAD CIRCUIT	RESIS- TIVE CIRCUIT	INDUC- TIVE CIRCUIT	LAMP LOAD CIRCUIT	RESIS- TIVE CIRCUIT	INDUC- TIVE CIRCUIT	LAMP LOAD CIRCUIT	RESIS- TIVE CIRCUIT	INDUC- TIVE CIRCUIT	
212										
222										
232										
242										
262										
272		10	7		750 mA	-		500 mA	-	10 mA
282										
292										
302										
312										

P.A.
AIR FORCE-85
Other Cust
ARMY-ER
NAVY-AS

International
Interest
ASCCAS
12/16A

TITLE SWITCH, TOGGLE, POSITIVE BRFAK,
LEVER LOCK, ENVIRONMENTALLY
SEALED, SCREW TERMINAL, DOUBLE
POLE, 469 MOUNTING BUSHING, 25
AMPERES

MILITARY STANDARD

MS24613

Procurement Specification
MIL-S-8834

SUPERSEDES

MS0024613

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MS DASH NO	SUPERSEDED DASH NO SEALED		
	TOGGLE	ENVIRON- MENTAL	TOGGLE
212	-21	-21S	-211
222	-22	-22S	-221
232	-23	-23S	-231
242	-24	-24S	-241
262	-26	-26S	-261
272	-27	-27S	-271
282	-28	-28S	-281
292	-29	-29S	-291
302	-30	-30S	-301
312	-31	-31S	-311

EXAMPLE OF PART NUMBERS MS24613B212 - ON-OFF-ON, ENVIRONMENTAL SEALED, LOCKED IN CENTER OFF POSITION
MS24613F272 - MOM-ON, OFF, MOM-ON, ENVIRONMENTAL SEALED LOCKED IN CENTER OFF POSITION

THE MS DASH NUMBERS SUPERSEDE AND ARE COMPLETELY INTERCHANGEABLE WITH THE SUPERSEDED DASH NUMBERS

INCHES	mm	INCHES	mm
.005	.13	.432	10.97
.012	.30	.469	11.91
.047	1.19	.480	12.19
.072	1.83	.921	23.39
.138	3.51	1.015	25.78
.25	6.35	1.203	30.56
.430	10.92	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 ± 0.010 (0.25 mm) on decimals and $\pm 5^\circ$ 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.
5. Referenced Government documents of the issue listed in that issue of the Department of Defense Index of Specifications and Standards (DoDSS) specified in the solicitation form a part of this standard to the extent specified herein.
7. The superseded dash numbers are inactive for design after 20 Jul 1962.
8. Maximum weight. .1453 pound (65.9 grams).
9. Unlocking force = 4 ± 1 pound
10. Altitude requirements 80,000 feet.
11. 115 V ac 60 hertz electrical endurance tests are to be performed at room temperature and pressure.

P A AF - 85

International
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12/16ATITLE SWITCH, TOGGLE, POSITIVE BREAK,
LEVER LOCK, ENVIRONMENTALLY
SEALED, SCREW TERMINAL, DOUBLE
POLE, .469 MOUNTING BUSHING, 25
AMPERES

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Procurement Specification
MIL-S-8834SUPERSEDES
MS0024613(USAF)

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