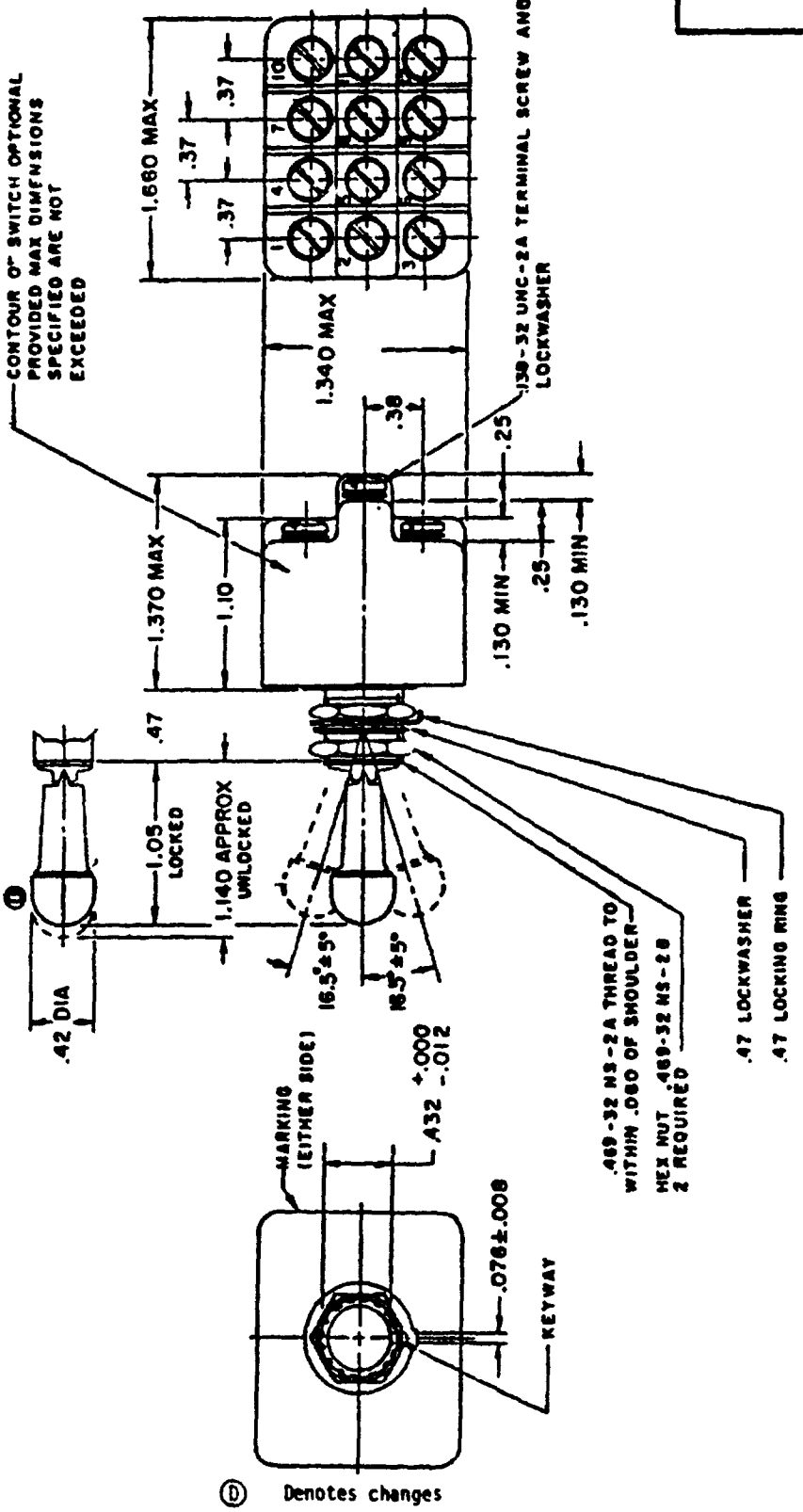
FED. SUP CLASS



Ⓓ Denotes changes

APPROVED 28 April 1965 REVISED Ⓐ 28 April 1967 Ⓑ 16 Sep 1969 Ⓒ 14 May 1974 Ⓓ 28 Sep 87

P A Air Force - 85 Other Cust Army - ER Navy - AS	Intergovernment Interest	TITLE - SWITCH, TOGGLE, FOUR POLE, ENVIRONMENTALLY SEALED, LEVER-LOCK	MILITARY STANDARD MS27409
Procurement Specification		SUPERSEDES:	PAGE 1 OF 3

DD FORM 1 MAY 73 672 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 5930-1358-10
AMSC N/A

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Review activities: Army - AV, Navy - EC, Air Force - 99, DLA - ES

User activity: Air Force - 11

Inches	mm	Inches	mm
.005	0.13	.38	9.7
.008	0.20	.42	10.7
.012	0.30	.432	10.97
.020	0.51	.47	11.9
.060	1.52	1.05	26.7
.076	1.93	1.10	27.9
.130	3.30	1.140	28.96
.25	6.4	1.340	34.04
.37	9.4	1.370	34.80
		1.660	42.16

NOTES:

1. Dimensions are inches.
2. (D) Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is ±.020 (0.51 mm) for two place decimals and ±.005 (0.13 mm) for three place decimals.
4. (D) For hardware detail specifications see appendix of MIL-S-3950.
5. All switches on this standard are designed so that the movement of the switch mechanism is opposite to that of the toggle lever.
6. Maximum weight is 0.20 pound.
7. Locking arrangement: Positive locking shall be accomplished and shall prevent motion of the toggle lever until the locking mechanism is manually realeased.
8. The force required to release the locking mechanism shall be 3 to 5 pounds.
9. The locking means at the top of the toggle bushing shall be capable of withstanding a torque of 20 inch-pounds applied in both directions immediately following the humidity test.
10. Part number example: MS27409-1A (locking combination 'A').
11. (D) In the event of a conflict between the text of this standard and the reference cited herein, the text of this standard shall take precedence.
12. (D) 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.

APPROVED 28 April 1965 REVISED (D) For changes see pages 1 and 2.

User activity: Air Force - 11

Review activities: Army - AV, Navy - EC, Air Force - 99, DLA - ES

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P.A	Intergovernment Interest	TITLE	MILITARY STANDARD
Air Force - 85 Other Cust Army - ER Navy - AS		SWITCH, TOGGLE, FOUR POLE, ENVIRONMENTALLY SEALED, LEVER-LOCK	MS27409
Procurement Specification MIL-S-3950		SUPERSEDES	PAGE 2 OF 3

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Review activities: Army - AV, Navy - EC, Air Force - 99, DLA - ES

User activity: Air Force - 11

Procurement Specification MIL-S-3950

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

TITLE SWITCH, TOGGLE, FOUR POLE, ENVIRONMENTALLY SEALED, LEVER-LOCK

SUPERSEDES:

MILITARY STANDARD MS27409

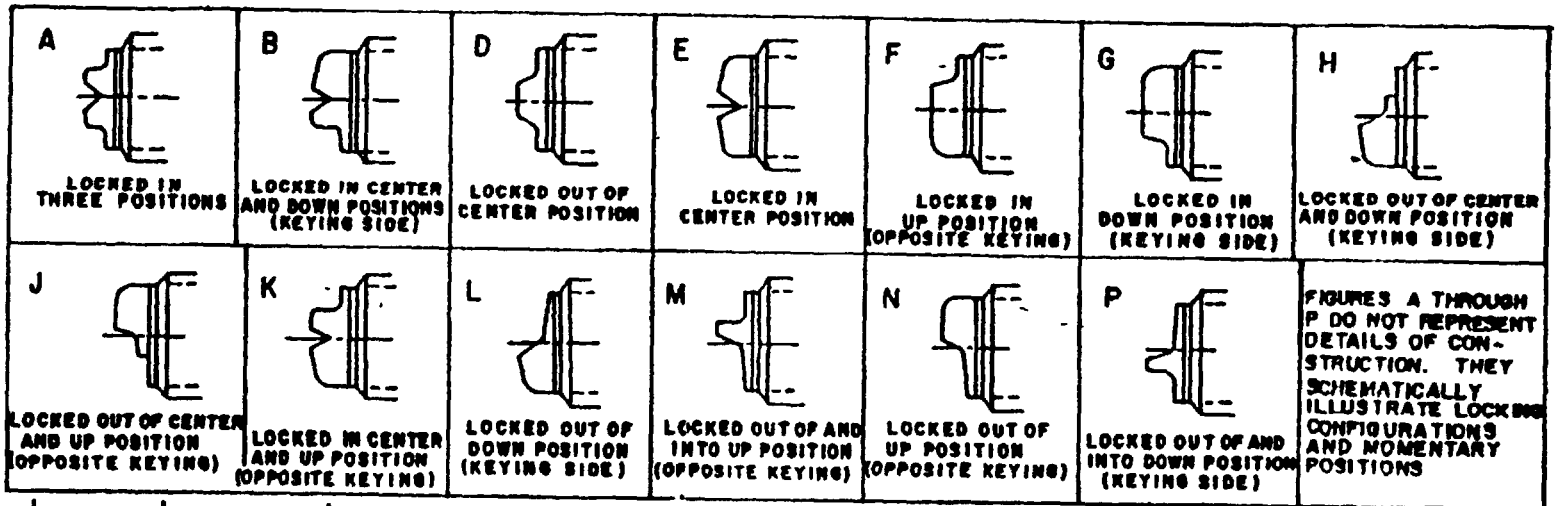
PAGE 3 OF 3

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

FED. SUP CLASS 5930

Locking combinations

Detail requirements:



MS part number	Available locking combinations	Circuit with toggle lever in			Current capacity (amperes) 28 volts dc			Current capacity (amperes) 115 volts, 60 and 400 hertz ac		
		Keying side	Center	Opposite keying side	Lamp-load circuit	Resistive circuit	Inductive circuit	Lamp-load circuit	Resistive circuit	Inductive circuit
MS27409-1	All	1-2 4-5 7-8 On 10-11	2-3 4-5 7-8 On 11-12	2-3 5-6 8-9 On 11-12	5	20	12	4	15	15
MS27409-2	E, F, K, L, M, N	1-2 Mom. 4-5 7-8 on 10-11	2-3 4-5 7-8 On 11-12	2-3 5-6 8-9 On 11-12	4	18	10	2	11	8
MS27409-3	E, L, N	1-2 Mom. 4-5 7-8 on 10-11	2-3 4-5 7-8 On 11-12	2-3 Mom. 5-6 8-9 On 11-12						

APPROVED 28 April 1965 REVISED (D) For changes see pages 1 and 2.