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FED. SUP CLASS
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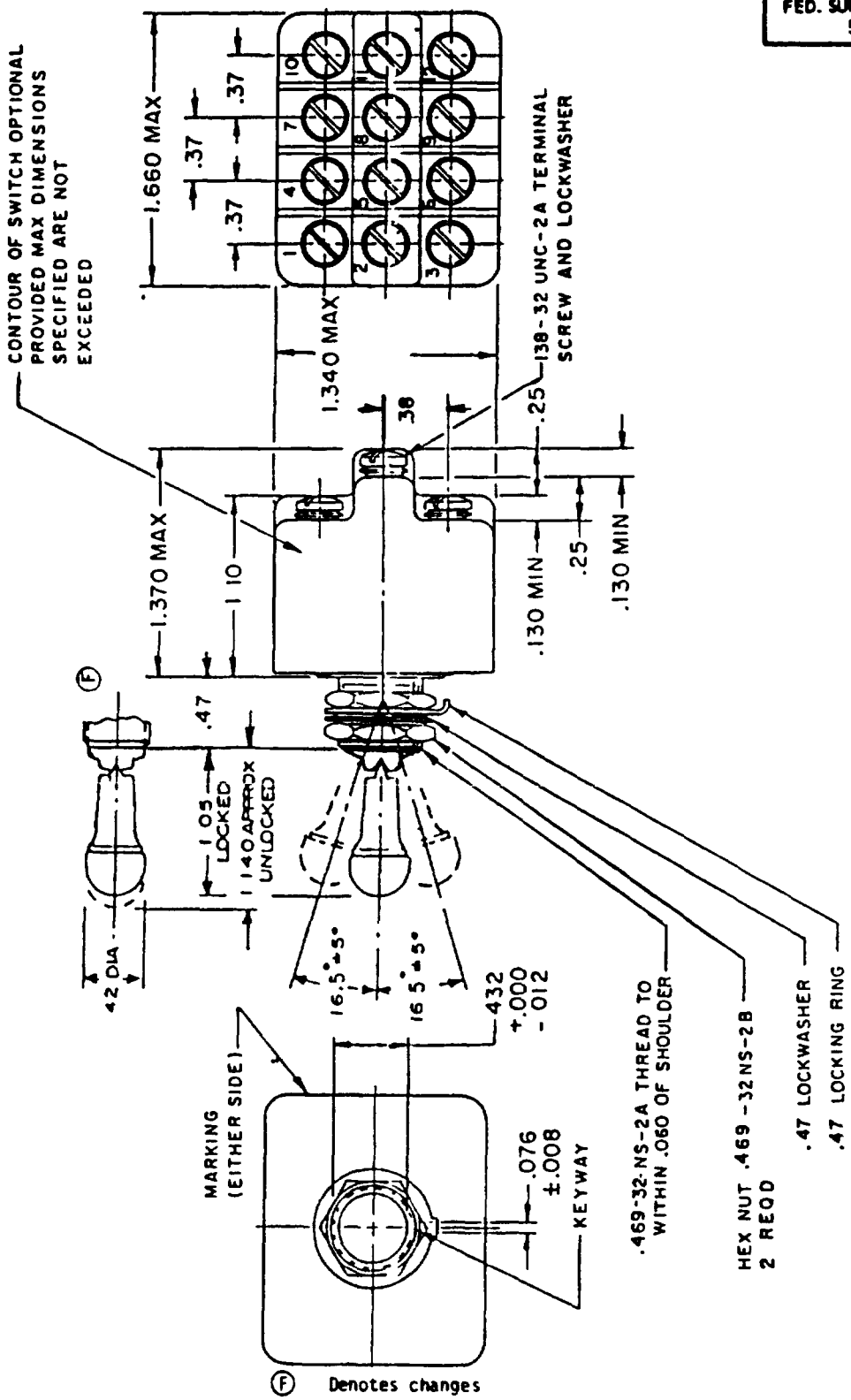

APPROVED 10 Mar 1960 REVISED (C) 20 April 1967 (D) 16 Sep 1969 (E) 14 May 1974 (F) 28 Sep 87

User activity: Air Force - 11

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

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

P A Air Force - 85 Other Cust Army - ER Navy - AS	International interest	TITLE SWITCH, TOGGLE, FOUR POLE, ENVIRONMENTALLY SEALED, LEVER-LOCK	MILITARY STANDARD MS24660
Procurement Specification MIL-S-3950		SUPERSEDES	PAGE 1 OF 4

DD FORM 1 MAY 73 672 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 5930-1358-06

~~AMSC N/A~~

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Inches	mm	Inches	mm
.005	0.13	.38	9.7
.008	0.20	.42	10.7
.012	0.30	.432	10.97
.020	0.38	.47	11.9
.060	0.51	1.05	26.67
.076	1.93	1.10	27.94
.130	2.29	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. 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. (F) For hardware and terminal screw 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 released.
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. MS24660-21A (locking combination 'A').
11. (F) 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. (F) 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 10 Mar 1960 REVISED (F) 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	Interdepartmental interest	TITLE	MILITARY STANDARD
Air Force - 85 Other Cust Army - EP Navy - AS		SWITCH, TOGGLE, FOUR POLE, ENVIRONMENTALLY SEALED, LEVER-LOCK	MS24660
Procurement Specification MIL-S-3950		SUPERSEDES	PAGE 2 OF 4

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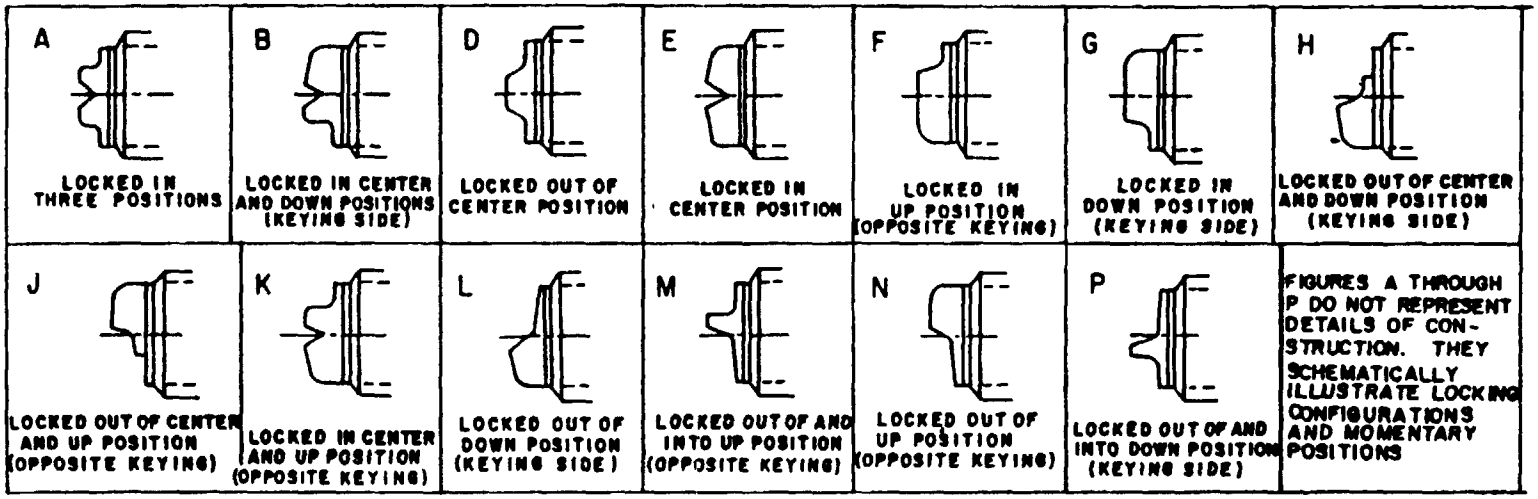
Review activities: Army - AV
Navy - EC
Air Force - 99
DLA - ES

User activity: Air Force - 11

Locking combinations



APPROVED 10 Mar 1960 REVISED (F) For changes see pages 1 and 2

FED SUP CLASS 5930

MILITARY STANDARD

MS24660

PAGE 3 OF 4

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

SUPERSEDES

Procurement Specification MIL-S-3950

Interservice interest

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

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Detail requirements.

MS part number	Available locking combinations	Circuit with toggle lever in: Keying side	Center	Opposite keying side	Current capacity (amperes) 28 volts dc: Lamp-load circuit	Resistive circuit	Inductive circuit	Current capacity (amperes) 115 volts, 60 and 400 hertz ac: Lamp-load circuit	Resistive circuit	Inductive circuit
MS24660-21	All	1-2 7-8 4-5 On 10-11	Off	2-3 8-9 5-6 On 11-12						
MS24660-22	D, F, G	Off	None	2-3 8-9 5-6 On 11-12	5	20	12	4	15	15
MS24660-23	D, F, G	1-2 7-8 4-5 On 10-11	None	2-3 8-9 5-6 On 11-12						
MS24660-24	E, F, K, M	None	Off	2-3 8-9 5-6 On 11-12						
MS24660-25	F	None	Mom. off	2-3 8-9 5-6 On 11-12						
MS24660-26	F	1-2 Mom. 7-8 4-5 on 10-11	None	2-3 8-9 5-6 On 11-12						
MS24660-27	E, L, N	1-2 Mom. 7-8 4-5 on 10-11	Off	2-3 Mom. 8-9 5-6 on 11-12						
MS24660-28	E	1-2 Mom. 7-8 4-5 on 10-11	Off	None	4	18	10	2	11	8
MS24660-29	F	Mom. off	None	2-3 8-9 5-6 On 11-12						
MS24660-30	F	1-2 Mom. 7-8 4-5 on 10-11	None	Off						
MS24660-31	E, F, K, L, M, N	1-2 Mom. 7-8 4-5 on 10-11	Off	2-3 8-9 5-6 On 11-12						
MS24660-32	E	None	1-2 7-8 4-5 On 10-11	2-3 Mom. 8-9 5-6 on 11-12						
MS24660-33	E, F, K, M	None	1-2 7-8 4-5 On 10-11	2-3 8-9 5-6 On 11-12	5	20	12	4	15	15

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