

APPROVED	16 Dec 1969	REVISED	15 Sep 1970	15 May 1972	25 Apr 1975	28 Sep 1987
			(A)	(R)	(C)	(D)

User activity: Air Force - 11

Army - AV
Navy - EC
Air Force - 99
DLA - ES

Review activities:

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.

FED SUP CLASS
5930

Inches	mm	Inches	mm
.008	0.20	.37	9.4
.012	0.30	.38	9.7
.015	0.38	.432	10.97
.03	0.8	.469	11.91
.076	1.93	.47	11.9
.090	2.29	.69	17.5
.130	3.30	1.340	34.04
.19	4.8	1.370	34.80
.240	6.10	1.660	42.16
.25	6.4		

NOTES:

1. Dimensions are inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is ± 0.020 (0.51 mm) for two place decimals and ± 0.005 (0.13 mm) for three place decimals.
- ④ 4. 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 7. 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.
- ⑧ 8. 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.

For change see page 2

REVISED ①

APPROVED 16 Dec 1969

P A Air Force - 85 Other Cust Army - ER Navy - AS	International Interest	TITLE SWITCH, TOGGLE, FOUR POLE, ENVIRONMENTALLY SEALED, SOLDER TERMINAL	MILITARY STANDARD
Procurement Specification MIL-S-3950		SUPERSEDES	MS27736
			PAGE 2 OF 3

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MS part number		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	
MS27736-1	1-2 4-5 12-3 7-8 On 10-11 7-8 On 11-12 8-9 On 11-12	4-5 12-3 7-8	4-5 2-3 5-6	5-6	5	20	12	4	15	15	
MS27736-2	1-2 Mom. 4-5 12-3 7-8 On 10-11 7-8 On 11-12 8-9 On 11-12	4-5 12-3 7-8	4-5 2-3 5-6	5-6	4	18	10	2	11	8	
MS27736-3	1-2 Mom. 4-5 12-3 7-8 On 10-11 7-8 On 11-12 8-9 On 11-12	4-5 12-3 7-8	4-5 2-3 5-6	5-6							
MS27736-21	1-2 7-8 4-5 On 10-11	Off	5-6 On 11-12	8-9							
MS27736-22	Off 7-8	None	5-6 On 11-12	8-9							
MS27736-23	4-5 On 10-11	None	5-6 On 11-12	8-9	5	20	12	4	15	15	
MS27736-24	None	Off	5-6 On 11-12	8-9							
MS27736-25	None	Mom. off	5-6 On 11-12	8-9							
MS27736-26	1-2 Mom. 7-8 4-5 on 10-11	None	5-6 On 11-12	8-9							
MS27736-27	1-2 Mom. 7-8 4-5 on 10-11	Off	5-6 on 11-12	8-9							
MS27736-28	1-2 Mom. 7-8 4-5 on 10-11	Off	None	8-9							
MS27736-29	Mom. off 7-8	None	5-6 On 11-12	8-9	4	18	10	2	11	8	
MS27736-30	4-5 on 10-11	None	Off	8-9							
MS27736-31	1-2 Mom. 7-8 4-5 on 10-11	Off	5-6 On 11-12	8-9							
MS27736-32	None	11-2 7-8 2-3 Mom. 8-9	4-5 On 10-11 5-6 on 11-12	8-9							
MS27736-33	None	11-2 7-8 2-3	4-5 On 10-11 5-6 On 11-12	8-9	5	20	12	4	15	15	

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International
Interest

TITLE

SWITCH, TOGGLE, FOUR POLE,
ENVIRONMENTALLY SEALED,
SOLDER TERMINAL

MILITARY STANDARD

MS27736

Procurement Specification
MIL-S-3950

SUPERSEDES

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