

INCH-POUND

MS25125L
 15 December 2005
 SUPERSEDING
 MS25125K
 15 November 1980

DETAIL SPECIFICATION SHEET

SWITCHES, TOGGLE, UNSEALED AND SEALED TOGGLE GENERAL SPECIFICATION FOR

This specification is approved for use by all
 Departments and Agencies of the Department of Defense.

The complete requirements for acquiring the switch described herein shall consist of this specification and the latest issue of MIL-DTL-83731.

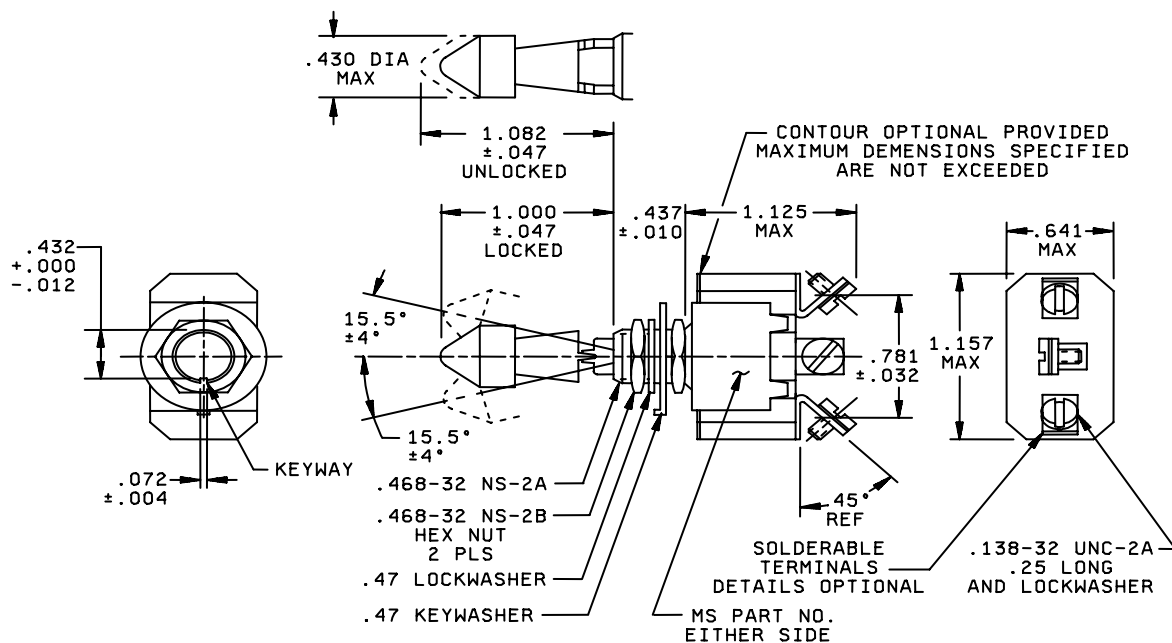
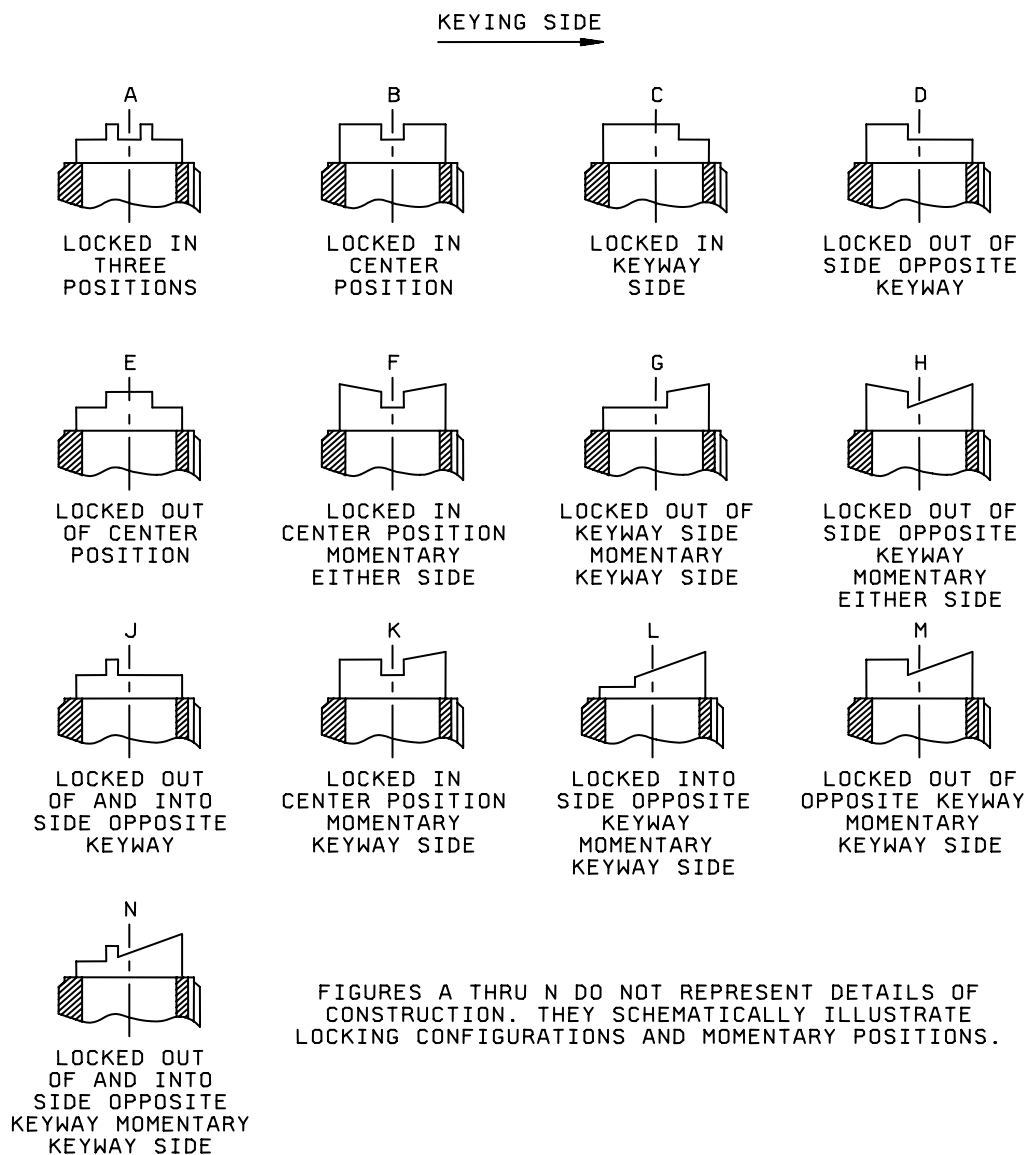


FIGURE 1 Dimensions and configurations

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FIGURE 1 Dimensions and configurations Continued

NOTES:

1. All dimensions are in inches.
2. For hardware and terminal screw detail specifications see supplement of MIL-DTL-83731.
3. Unless otherwise specified, tolerance is $\pm .020$ on two place decimals and $\pm .005$ on three place decimals.
4. Locking means optional.
5. For design feature purposes, this standard takes precedence over procumbent documents referenced herein.

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REQUIREMENTS:

All switches on this standard are designed so that the movement of the switch mechanism is opposite to that of the toggle lever.

Locking arrangement: Positive locking shall be accomplished and shall prevent motion of the toggle lever until the locking mechanism is manually released.

The force required to release the locking mechanism shall be 3 to 5 pounds.

Electrical Endurance: 10,000 Cycles.
Mechanical Endurance: 20,000 Cycles.

Electrical Rating: See table I.

Maximum weight is .10 lb.

Referenced document shall be of the issue in effect on the date of invitation for bid.

Superseding No.	Superseded No.
MS25125-A1	MS25125-1
MS25125-B1	MS25125-2
MS25125-C1	MS25125-3
MS25125-D1	MS25125-5
MS25125-E1	MS25125-7
MS25125-C3	MS25125-4
MS25125-E3	MS25125-8
MS25125-J4	MS25125-9
MS25125-MII	MS25125-6

The superseding dash numbers supersede and are interchangeable with the superseded dash numbers.

Table I: Detail Requirement

MS Part NO.	Locking Combination	Circuit with toggle lever in			Current Capacity (Amperes)					
					28 Volts Direct Current			115 Volts Alternating Current		
		Opposite keying side	Center	Keying side	Lamp-Load Circuit	Resistive Circuit	Inductive Circuit	Lamp-Load Circuit	Resistive Circuit	Inductive Circuit
MS25125-1	A,B,C,D,E	On	Off	On	5	20	15	3	10	10
MS25125-2	C,E		None	Off						
MS25125-3				On						
MS25125-4	B,J		Off	None						
MS25125-5	L		Mom-Off							
MS25125-6			None	Mom-On						
MS25125-7	F,H	Mom-On	4		15	10	2	10	7	
MS25125-8	K	None	Off							
MS25125-9	L	On	None	Mom-Off	5	20	15	3	10	10
MS25125-10		Off		Mom-On	4	15	10	2	10	7
MS25125-11	G,K,M,N	On	Off							

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Referenced documents
MIL-DTL-83731

Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

Custodians:
Army – CR
Navy – AS
Air Force – 11
DLA – CC

Preparing activity:
DLA – CC
Project (5930-2005-005)

Review activities:
Army – AR, AV, MI
Navy – EC, MC
Air Force – 99

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <http://assist.daps.dla.mil/>.