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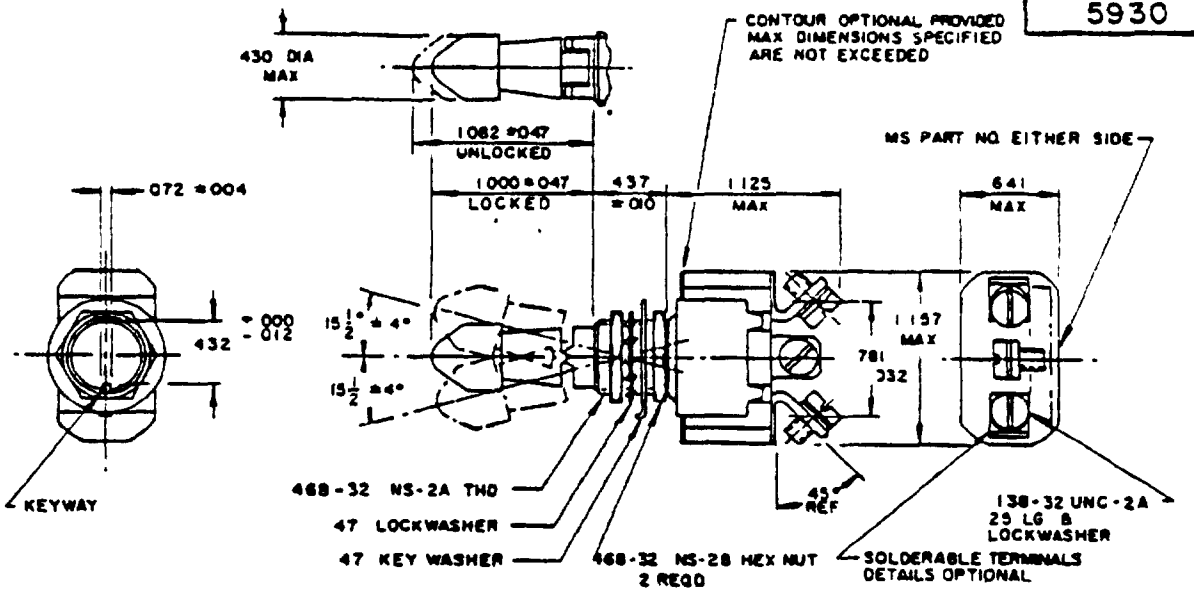
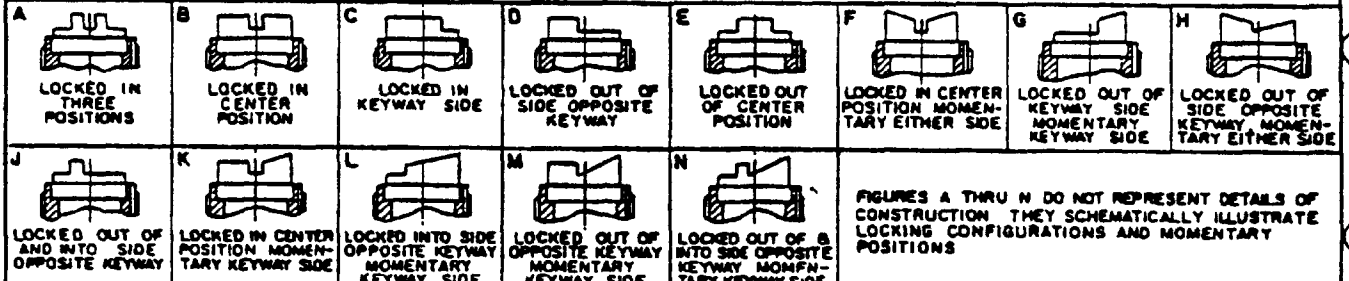
5930



1. FOR HARDWARE AND TERMINAL SCREW DETAIL SPECIFICATIONS SEE SUPPLEMENT OF MIL-S-83731
2. ALL DIMENSIONS ARE IN INCHES
3. UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ± .020 ON TWO PLACE DECIMALS AND ± .005 ON THREE PLACE DECIMALS.
4. LOCKING MEANS OPTIONAL.

DETAIL REQUIREMENTS:

KEYING SIDE →



FIGURES A THRU N DO NOT REPRESENT DETAILS OF CONSTRUCTION. THEY SCHEMATICALLY ILLUSTRATE LOCKING CONFIGURATIONS AND MOMENTARY POSITIONS

MS PART NO	LOCKING COMBINATION	CIRCUIT WITH TOGGLE LEVER IN			CURRENT CAPACITY (AMPERES)					
					28 VDC			115 VAC 400 HERTZ		
		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
- 2	C,E		NONE	OFF						
- 3				ON						
- 4	B,J		OFF	NONE						
- 5	L		MOM-OFF							
- 6			NONE							
- 7	F,H	MOM-ON	OFF	MOM-ON	4	15	10	2	10	7
- 8	K	NONE								
- 9	L	ON	NONE	MOM-OFF	5	20	15	3	10	10
- 10		OFF		MOM-ON	4	15	10	2	10	7
- 11	G,K M,N	ON	OFF							

EXAMPLE OF PART NO MS25125-01 - ON OFF ON, TOGGLE SEALED, LOCKED IN CENTER OFF POSITION.

1. ALL SWITCHES ON THIS STANDARD ARE DESIGNED SO THAT THE MOVEMENT OF THE SWITCH MECHANISM IS OPPOSITE TO THAT OF THE TOGGLE LEVER.
2. MAXIMUM WEIGHT IS 10 LB
3. LOCKING ARRANGEMENT POSITIVE LOCKING SHALL BE ACCOMPLISHED AND SHALL PREVENT MOTION OF THE TOGGLE LEVER UNTIL THE LOCKING MECHANISM IS MANUALLY RELEASED
4. THE FORCE REQUIRED TO RELEASE THE LOCKING MECHANISM SHALL BE 3 TO 5 POUNDS
5. ENDURANCE ELECTRICAL 10 000 CYCLES
   MECHANICAL 20,000 CYCLES

REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON THE DATE OF INVITATION FOR BID.
FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.

(K) INACTIVE FOR DESIGN AFTER 16 SEP 1969
USE MS24658 OR MS24612

APPROVED 25 NOV 1955 REVISED (D) 20 APRIL 1967 (E) 23 AUG 1968 (F) 16 SEPT 1969 (G) 22 APRIL 1971 (H) 22 MAY 1972 (J) 17 NOV 1972 (K) 15 NOV 80

Reviewer -AF 11, AV, AS, ES

PA AF 85 Other Cust ARMY-ER NAVY-EC	TITLE SWITCH, TOGGLE, ONE POLE, SEALED TOGGLE, LEVER LOCK	MILITARY STANDARD MS25125
PROCUREMENT SPECIFICATION MIL-S-83731	SUPERSEDES	SHEET 1 OF 2

DD FORM 1 SEP 65 672-1 (Coordinated) EDITION OF 1 SEP 57 MAY BE USED. 5930-1146-2

This military stan... approved by the Department of Defense and is mandatory on all activities. Selection for all new engineering and design applications and for repetitive use shall be made from this document

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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-M11	MS25125 - 6

THE SUPERSEDING DASH NUMBERS SUPERSEDE AND ARE INTERCHANGEABLE WITH THE SUPERSEDED DASH NUMBERS

Reviewer :- AF 11 , AV, AS, ES

APPROVED 25 NOV 1955 REVISED (E) See sheet 2 (F) See sheet 1 (G) See sheets 1 & 2 (H) See sheets 1 & 2 (J) See sheet 1 (K) See sheet 1

P.A. AF 85 Other Cust ARMY-ER NAVY-EC	TITLE SWITCH, TOGGLE, ONE POLE, SEALED TOGGLE, LEVER LOCK	MILITARY STANDARD MS 25125
PROCUREMENT SPECIFICATION MIL-S-83731	SUPERSEDES:	SHEET 2

DD FORM 1 SEP 55 672-1 (Coordinated)

EDITION OF 1 SEP 47 MAY BE USED.