

FED. SUP CLASS
1650

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

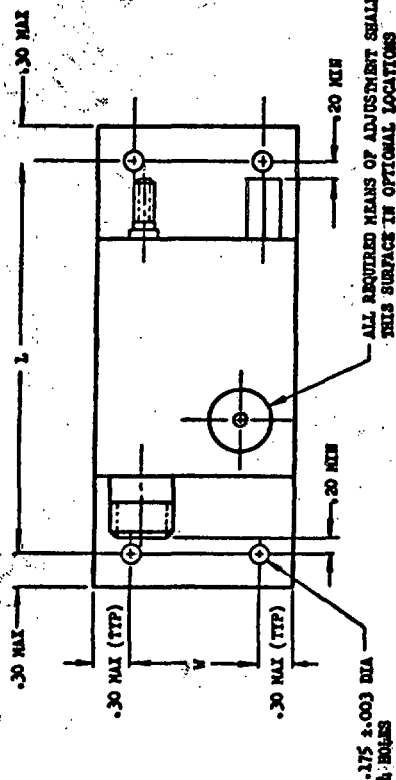
Revised Navy - AS
Navy - AV

P.A. Navy - AS Other Code Army - AV	TITLE SWITCHES, PRESSURE, BULKHEAD MOUNTED (TYPE II)	MILITARY STANDARD MS25276
PROCUREMENT SPECIFICATION MIL-S-8932	SUPERSEDES:	SHEET 1 OF 1

DD FORM 672-1 (Coordinated)

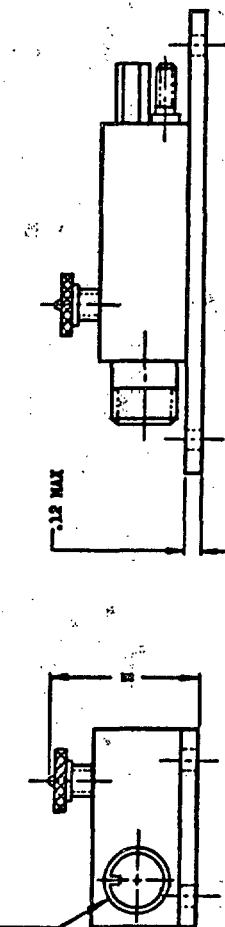
PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

PROJECT NO. 1650-0354



ALL ELECTRICAL CONNECTORS SHALL BE ON THIS SURFACE IN OPTIONAL LOCATIONS BUT WITH THE LARGEST POLARIZING KEY OR KEYWAY OF EACH CONNECTOR AT THE TOP CENTER OF THE CONNECTOR SHELL AS SHOWN

ALL REQUIRED PRESSURE CONNECTIONS SHALL BE ON THIS SURFACE IN OPTIONAL LOCATIONS



DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: TWO PLACE DECIMALS ±.02, THREE PLACE DECIMALS ±.010. THE INSTRUMENT NEED NOT HAVE THE SHAPE SHOWN, BUT THE INSTRUMENT, INCLUDING ALL MEANS OF ADJUSTMENT WITH ALL COVERS INSTALLED THEREON, MUST BE CONTAINED WITHIN THE OUTLINE SHOWN.

EXAMPLE OF PART NUMBERS:

MS25275 - 2A - CLASS 1; ABSOLUTE PRESSURE SWITCH DESIGN.
MS25275 - 1D - CLASS 2; DIFFERENTIAL PRESSURE SWITCH DESIGN.
MS25275 - 3A - CLASS 3; GAGE PRESSURE SWITCH DESIGN.
MS25275 - 3B - CLASS 4; APPROXIMATE GAGE PRESSURE SWITCH DESIGN.

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

APPROVED 28 JAN 1965 REVISED (A) 15 AUGUST 80

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Reviewer: Navy - AS
User: Army - AV

DASH NO.				POTENTIAL OPERATING RANGE	NOMINAL SYSTEM PRESSURE	TOLERANCE ±	MAX AC CURRENT AMPERES	MAX DC CURRENT AMPERES	MAX WEIGHT LBS	APPLICABLE SPECIFICATIONS				MIN H INCHES	MIN L INCHES	MIN W INCHES	
CLASS 1	CLASS 2	CLASS 3	CLASS 4	INCHES	PSI	ABSOLUTE				SCHEMATIC FIGURE	CLASS 1	CLASS 2	CLASS 3	CLASS 4	MIN H INCHES	MIN L INCHES	MIN W INCHES
-1A								5.0	3.0	1	MIL-S-8932/1						
-2A				.10-1.00		.06				2							
	-3D									1							
	-4D									2							
	-5D			.30-5.00		.30		3.0	1.0	1		MIL-S-8932/2					
	-6D									2							
-7A				1.00-10.00		.60				1							
-8A										2							
-9A								5.0	3.0	1	MIL-S-8932/1				2.312	4.600	2.300
-10A				2.00-15.00	30	.75				2							
	-11D									1							
	-12D							3.0	1.0	2							
	-13D			2.00-20.00		1.00				1							
	-14D									2							
-15A								5.0	3.00	1	MIL-S-8932/1				1.344	3.700	1.200
-16A				3.00-27.00		1.60				2					2.312	4.600	2.300
	-17D							3.0	1.00	1							
	-18D									2							
-19A								8.0	4.0	1	MIL-S-8932/1				1.344	3.700	1.200
-20A				4.00-36.00	40	1.90				2					2.312	4.600	2.300
	-21D							5.0	3.0	1							
-22D										2							
-23A								8.0	4.0	1					1.344	3.700	1.200
-24A				5.00-50.00	55	3.00				2					2.312	4.600	2.300
-25A										1					1.344	3.700	1.200
-26A				6.00-63.00	70	3.10				2					2.312	4.600	2.300
-27A								10.0	5.0	1					1.344	3.700	1.200
-28A				8.00-72.00	80	3.60				2					2.312	4.600	2.300
-29A										1					1.344	3.700	1.200
-30A				9.00-90.00	100	4.10				2					2.312	4.600	2.300
-31A								12.0	7.0	1					1.344	3.700	1.200
-32A				10.00-135.00	150	6.0				2					2.312	4.600	2.300

FED. SUP CLASS
1650

APPROVED 28 JAN 1965 REVISED (A) FOR CHANGES SEE SHEETS 1 THRU 4

P.A. Navy - AS
Other Case
Army - AV

TITLE

SWITCHES, PRESSURE, BULGHEAD MOUNTED,
(TYPE II)

MILITARY STANDARD

MS25276

PROCUREMENT SPECIFICATION
MIL-S-8932

SUPERSEDES:

SHEET 2 OF 4

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

This delivery standard is approved by the Department of Defense and is mandatory on all activities. In addition, for all new contracting and design applications and for repetitive use shall be made from this document.

Revisions:
Navy - AS

Users:
Army - AV

DASH NO.										POTENTIAL OPERATING RANGE		NORMAL SYSTEM PRESSURE		TOLERANCE		MAX AG CURRENT AMPERES		MAX ID CURRENT AMPERES		MAX WEIGHT LBS		APPLICABLE SPECIFICATIONS					DIM H INCHES		DIM L INCHES		DIM W INCHES	
CLASS 1		CLASS 2		CLASS 3		CLASS 4		CLASS 5		CLASS 6		CLASS 7		CLASS 8		CLASS 9		CLASS 10		CLASS 11		CLASS 12		CLASS 13		CLASS 14		CLASS 15				
SCHEMATIC FIGURES		CLASS 1		CLASS 2		CLASS 3		CLASS 4		CLASS 5		CLASS 6		CLASS 7		CLASS 8		CLASS 9		CLASS 10		CLASS 11		CLASS 12		CLASS 13		CLASS 14				
-330	-33H	-330	-33H	-330	-33H	-330	-33H	-330	-33H	-330	-33H	-330	-33H	-330	-33H	-330	-33H	-330	-33H	-330	-33H	-330	-33H	-330	-33H	-330	-33H	-330	-33H			
-340	-34H	-340	-34H	-340	-34H	-340	-34H	-340	-34H	-340	-34H	-340	-34H	-340	-34H	-340	-34H	-340	-34H	-340	-34H	-340	-34H	-340	-34H	-340	-34H	-340	-34H			
-350	-35H	-350	-35H	-350	-35H	-350	-35H	-350	-35H	-350	-35H	-350	-35H	-350	-35H	-350	-35H	-350	-35H	-350	-35H	-350	-35H	-350	-35H	-350	-35H	-350	-35H			
-360	-36H	-360	-36H	-360	-36H	-360	-36H	-360	-36H	-360	-36H	-360	-36H	-360	-36H	-360	-36H	-360	-36H	-360	-36H	-360	-36H	-360	-36H	-360	-36H	-360	-36H			
-370	-37H	-370	-37H	-370	-37H	-370	-37H	-370	-37H	-370	-37H	-370	-37H	-370	-37H	-370	-37H	-370	-37H	-370	-37H	-370	-37H	-370	-37H	-370	-37H	-370	-37H			
-380	-38H	-380	-38H	-380	-38H	-380	-38H	-380	-38H	-380	-38H	-380	-38H	-380	-38H	-380	-38H	-380	-38H	-380	-38H	-380	-38H	-380	-38H	-380	-38H	-380	-38H			
-390	-39H	-390	-39H	-390	-39H	-390	-39H	-390	-39H	-390	-39H	-390	-39H	-390	-39H	-390	-39H	-390	-39H	-390	-39H	-390	-39H	-390	-39H	-390	-39H	-390	-39H			
-400	-40H	-400	-40H	-400	-40H	-400	-40H	-400	-40H	-400	-40H	-400	-40H	-400	-40H	-400	-40H	-400	-40H	-400	-40H	-400	-40H	-400	-40H	-400	-40H	-400	-40H			
-410	-41H	-410	-41H	-410	-41H	-410	-41H	-410	-41H	-410	-41H	-410	-41H	-410	-41H	-410	-41H	-410	-41H	-410	-41H	-410	-41H	-410	-41H	-410	-41H	-410	-41H			
-420	-42H	-420	-42H	-420	-42H	-420	-42H	-420	-42H	-420	-42H	-420	-42H	-420	-42H	-420	-42H	-420	-42H	-420	-42H	-420	-42H	-420	-42H	-420	-42H	-420	-42H			
-430	-43H	-430	-43H	-430	-43H	-430	-43H	-430	-43H	-430	-43H	-430	-43H	-430	-43H	-430	-43H	-430	-43H	-430	-43H	-430	-43H	-430	-43H	-430	-43H	-430	-43H			
-440	-44H	-440	-44H	-440	-44H	-440	-44H	-440	-44H	-440	-44H	-440	-44H	-440	-44H	-440	-44H	-440	-44H	-440	-44H	-440	-44H	-440	-44H	-440	-44H	-440	-44H			
-450	-45H	-450	-45H	-450	-45H	-450	-45H	-450	-45H	-450	-45H	-450	-45H	-450	-45H	-450	-45H	-450	-45H	-450	-45H	-450	-45H	-450	-45H	-450	-45H	-450	-45H			
-460	-46H	-460	-46H	-460	-46H	-460	-46H	-460	-46H	-460	-46H	-460	-46H	-460	-46H	-460	-46H	-460	-46H	-460	-46H	-460	-46H	-460	-46H	-460	-46H	-460	-46H			
-470	-47H	-470	-47H	-470	-47H	-470	-47H	-470	-47H	-470	-47H	-470	-47H	-470	-47H	-470	-47H	-470	-47H	-470	-47H	-470	-47H	-470	-47H	-470	-47H	-470	-47H			
-480	-48H	-480	-48H	-480	-48H	-480	-48H	-480	-48H	-480	-48H	-480	-48H	-480	-48H	-480	-48H	-480	-48H	-480	-48H	-480	-48H	-480	-48H	-480	-48H	-480	-48H			
-490	-49H	-490	-49H	-490	-49H	-490	-49H	-490	-49H	-490	-49H	-490	-49H	-490	-49H	-490	-49H	-490	-49H	-490	-49H	-490	-49H	-490	-49H	-490	-49H	-490	-49H			
-500	-50H	-500	-50H	-500	-50H	-500	-50H	-500	-50H	-500	-50H	-500	-50H	-500	-50H	-500	-50H	-500	-50H	-500	-50H	-500	-50H	-500	-50H	-500	-50H	-500	-50H			
-510	-51H	-510	-51H	-510	-51H	-510	-51H	-510	-51H	-510	-51H	-510	-51H	-510	-51H	-510	-51H	-510	-51H	-510	-51H	-510	-51H	-510	-51H	-510	-51H	-510	-51H			
-520	-52H	-520	-52H	-520	-52H	-520	-52H	-520	-52H	-520	-52H	-520	-52H	-520	-52H	-520	-52H	-520	-52H	-520	-52H	-520	-52H	-520	-52H	-520	-52H	-520	-52H			
-530	-53H	-530	-53H	-530	-53H	-530	-53H	-530	-53H	-530	-53H	-530	-53H	-530	-53H	-530	-53H	-530	-53H	-530	-53H	-530	-53H	-530	-53H	-530	-53H	-530	-53H			
-540	-54H	-540	-54H	-540	-54H	-540	-54H	-540	-54H	-540	-54H	-540	-54H	-540	-54H	-540	-54H	-540	-54H	-540	-54H	-540	-54H	-540	-54H	-540	-54H	-540	-54H			
-550	-55H	-550	-55H	-550	-55H	-550	-55H	-550	-55H	-550	-55H	-550	-55H	-550	-55H	-550	-55H	-550	-55H	-550	-55H	-550	-55H	-550	-55H	-550	-55H	-550	-55H			
-560	-56H	-560	-56H	-560	-56H	-560	-56H	-560	-56H	-560	-56H	-560	-56H	-560	-56H	-560	-56H	-560	-56H	-560	-56H	-560	-56H	-560	-56H	-560	-56H	-560	-56H			
-570	-57H	-570	-57H	-570	-57H	-570	-57H	-570	-57H	-570	-57H	-570	-57H	-570	-57H	-570	-57H	-570	-57H	-570	-57H	-570	-57H	-570	-57H	-570	-57H	-570	-57H			
-580	-58H	-580	-58H	-580	-58H	-580	-58H	-580	-58H	-580	-58H	-580	-58H	-580	-58H	-580	-58H	-580	-58H	-580	-58H	-580	-58H	-580	-58H	-580	-58H	-580	-58H			
-590	-59H	-590	-59H	-590	-59H	-590	-59H	-590	-59H	-590	-59H	-590	-59H	-590	-59H	-590	-59H	-590	-59H	-590	-59H	-590	-59H	-590	-59H	-590	-59H	-590	-59H			
-600	-60H	-600	-60H	-600	-60H	-600	-60H	-600	-60H	-600	-60H	-600	-60H	-600	-60H	-600	-60H	-600	-60H	-600	-60H	-600	-60H	-600	-60H	-600	-60H	-600	-60H			
-610	-61H	-610	-61H	-610	-61H	-610	-61H	-610	-61H	-610	-61H	-610	-61H	-610	-61H	-610	-61H	-610	-61H	-610	-61H	-610	-61H	-610	-61H	-610	-61H	-610	-61H			
-620	-62H	-620	-62H	-620	-62H	-620	-62H	-620	-62H	-620	-62H	-620	-62H	-620	-62H	-620	-62H	-620	-62H	-620	-62H	-620	-62H	-620	-62H	-620	-62H	-620	-62H			

P.A. Navy - AS
Other Cost
Army - AV

PROCUREMENT SPECIFICATION
MIL-S-8932

TITLE

SWITCHES, PRESSURE, BULKHEAD MOUNTED,
(TYPE II)

SUPERSEDES

MILITARY STANDARD

MS25276

SHEET 3 OF 4

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APPROVED 28 JAN 1965 REVISED (A) FORCHANGES SEE SHEETS 1 THRU 4

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Reviser: Navy - AS

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DASH NO.		POTENTIAL OPERATING RANGE		NORMAL SYSTEM PRESSURE	TOLERANCE	MAX AC CURRENT AMPERES	MAX DC CURRENT AMPERES	MAX WEIGHT LBS	APPLICABLE SPECIFICATIONS					DIM H INCHES	DIM L INCHES	DIM W INCHES
									CLASS 1	CLASS 2	CLASS 3	CLASS 4	SCHEMATIC FIGURE			
								1.00						1.531	5.300	1.000
			20.00-225.00	250	1.50			1.25						1.344	3.700	1.200
			25.00-450.00	500	8.0	10.0	5.0	1.00						1.531	5.300	1.000
			50.00-450.00		5.0	12.0	7.0	1.25						1.344	3.700	1.200
			100.00-900.00	1000	10.0	15.0	10.0	1.50						1.531	5.300	1.000
			200.00-1350.00	1500	15.0											
			300.00-675.00	750	10.0			1.00						1.344	3.700	1.200
			500.00-900.00	1000	15.0	10.0	5.0	1.25						1.531	5.300	1.000
			500.00-1350.00	1500	18.0			1.00						1.344	3.700	1.200
			750.00-1800.00	2000	20.0	12.0	7.0	1.25						1.531	5.300	1.000
			1000.00-2250.00	2500	23.00			1.00						1.344	3.700	1.200
			1800.00-2700.00		25.00			1.25						1.531	5.300	1.000
			1000.00-2700.00	3000	30.00	15.0	10.0	1.00						1.344	3.700	1.200
								1.25						1.531	5.300	1.000
			2000.00-4050.00	4500	50.00			1.00						1.344	3.700	1.200
								1.25						1.531	5.300	1.000

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P.A. Navy - AS

Other Cast
Army - AVPROCUREMENT SPECIFICATION
MIL-S-8932

TITLE

SWITCHES, PRESSURE, BULKHEAD MOUNTED,
(TYPE II)

SUPERSEDES:

MILITARY STANDARD

MS25276

SHEET 4 OF 4

APPROVED 28 JAN 1965 REVISED (A) FOR CHANGES SEE SHEETS 1 THRU 4