

APPROVED 10 APRIL 53 REVISED (H) 30 APRIL 1979 (J) 17 SEPT 1982

FED SUP CLASS  
5930TABLE I General Requirements

Current Capacity		Sea Level Electrical Cycles	Altitude Electrical Cycles 50,000 Feet	Mechanical Cycles
28 volts DC	Amp			
Resistive	5 Amp	10,000	-----	-----
Inductive	2.5 Amp	-----	2,500	10,000
Lamp Load	2 Amp	10,000	-----	-----
115 volts, 400 Hz AC	Amp			
Resistive	5 Amp	10,000	-----	-----
50 percent power factor	2 Amp	-----	2,500	10,000

TABLE II. Detail Requirements

MS 25002	Number of Sections	Torque (lb-in)		Wt Lb Max	A DIM
Shock Method I & II		Min	Max		
-1	1	2.0	5.0	.31	1.18
-2	2	3.0	6.0	.37	1.57
-3	3	3.5	7.0	.43	1.94
-4	4	4.0	8.0	.50	2.31
-5	5	4.0	9.0	.56	2.69
-6	6	4.0	10.5	.62	3.06

TABLE III. Supersession Table

Superseding Dash No.		Superseded Dash No.
Shock Method I & II		Shock Method I & II
-1		-12
-2		-22
-3		-32
-4		-42
-5		-52
-6		-62

P A USAF - 85 Other Cus: NAVY-AS ARMY-ER	INTERNATIONAL INTEREST	TITLE SWITCH, ROTARY, 28/115 VOLTS	MILITARY STANDARD MS 25002
Procurement Specifications MIL-S-6807	SUPERSEDES:	AN 3211	SHEET 2 OF 3

USER ACTIVITIES

DLA - ES  
USAF - II, 17, 99  
ARMY - MI, AV  
NAVY - OS, EC

REVIEWER 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.

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## NOTES.

1. For each additional section add .375 (9.53 mm)  $\pm$  .016 (.41 mm) to the 1.151 (29.24 mm) dimension.
2. Furnished separately with switch.
3. Switch has continuous rotation with 'OFF' and seven 'ON' positions. The indexing arm, visible through the tapped holes, points to the terminal to which contact is being made. Rotation may be restricted by inserting screws in the rear stop plate cover. EXAMPLE: If indexing screws are inserted between terminals X1 and X8, and X3 and X4, as shown, while the indexing arm is at terminal X1, X2, or X3; rotation is restricted to provide an 'OFF' position at X1, and 'ON' positions at X2 and X3. Shaft is shown in the 'OFF' position.
4. Threads in accordance with Handbook H-28, 'Screw-Threads Standards for Federal Services.'
5. 'OFF' position of knob may be oriented as desired by positioning of mounting panel detent for engagement with locking ring bent tab.
6. Shock Method II is required for shipboard application
7. "For design feature purposes, this standard takes precedence over procurement documents referenced herein."
8. "Referenced documents shall be of the issue in effect on date of invitations for bids, or request for proposal, except that referenced adopted industry documents shall give the date of the issue adopted."

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PA <b>USAF-85</b> Other Cusi <b>NAVY-AS</b> <b>ARMY-ER</b>	INTERNATIONAL INTEREST	TITLE <b>SWITCH, ROTARY</b> <b>28/115 VOLTS</b>	MILITARY STANDARD <b>MS 25002</b>
Procurement Specifications <b>MIL-S-6807</b>	SUPERSEDES <b>AN3211</b>	SHEET <b>3</b> OF <b>3</b>	