

MILITARY SPECIFICATION SHEET

RECEPTACLE WITH SWITCH, ELECTRICAL, 30-AMPERE, 250-VOLT,
DIRECT CURRENT, INTERLOCKING, GROUNDED (SYMBOL NO. 917.1)

- Ⓐ This specification is approved for use within the Naval Sea Systems Command, Department of the Navy, and is available for use by all Departments and Agencies of the Department of Defense.
- Ⓐ The requirements for acquiring the receptacle described herein shall consist of this specification and the latest issue of MIL-R-2726.

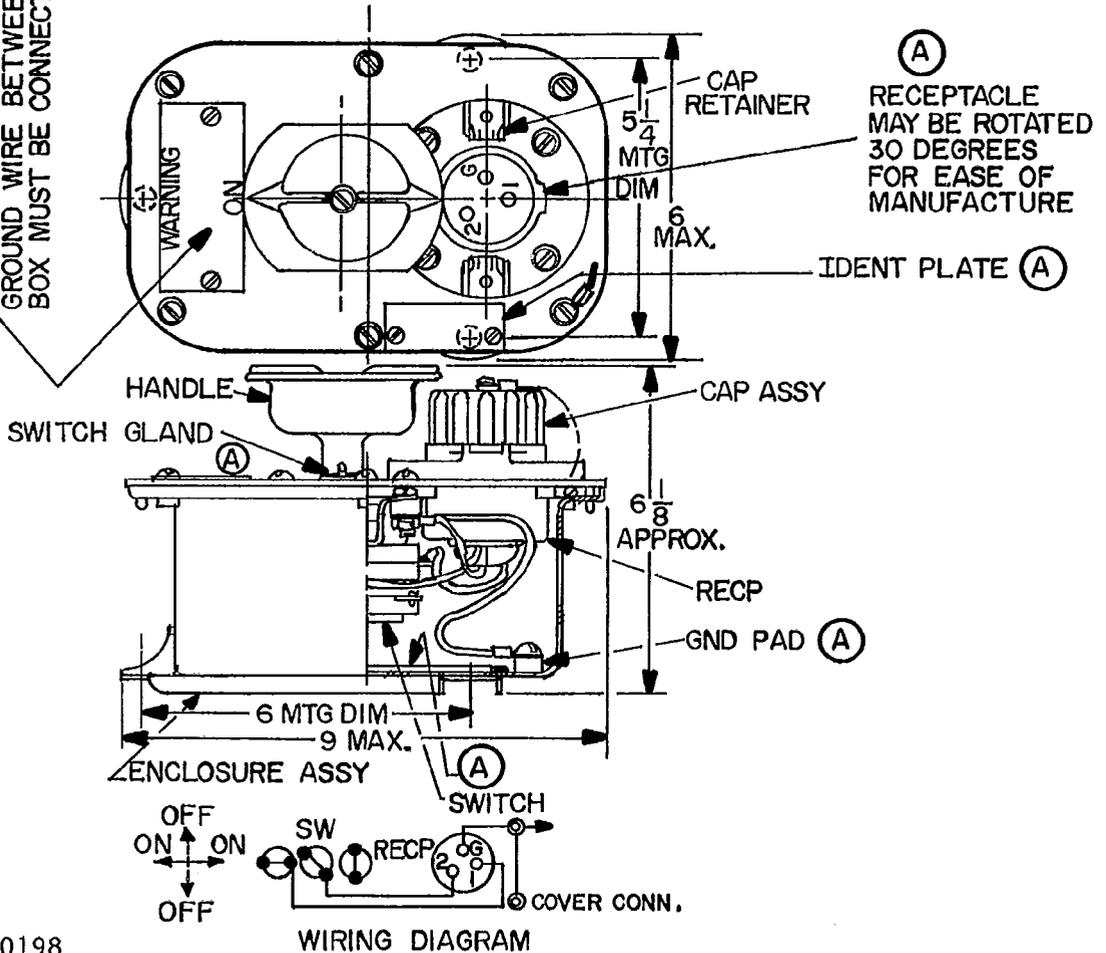
Ⓐ denotes changes.

AMSC N/A

FSC 5935

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DEENERGIZE POWER SUPPLY
 BEFORE REMOVING COVER.
 GROUND WIRE BETWEEN COVER AND
 BOX MUST BE CONNECTED AT ALL TIMES.



SH 1320198

NOTES:

1. Dimensions are in inches. Unless otherwise specified, tolerances are $\pm 1/64$ inch for fractions.
2. Supersedes: Drawing 815-1197066, symbol 917.

FIGURE 1. Dimensions and configuration.

REQUIREMENTS:

1. Dimensions and configuration: See figure 1.
2. Effectiveness of enclosure: Watertight in accordance with MIL-STD-108.
3. Receptacle: MIL-R-2726/8, part number M2726/8-001 or M2726/8-002.
4. Cap assembly: MIL-R-2726/13, part number M2726/13-001.
5. Cap and plug retainer: Equivalent to retainer latch of MIL-R-2726/15 (may be modified as required, provided the function is not impaired).
6. Switch: Rotary, type 3SR3A4 in accordance with MIL-S-15291/7, part number M15291/7-005.
7. Design: Switch and receptacle interlock required.
8. Mating plug: MIL-R-2726/2, part number M2726/2-001 (not furnished).
9. Enclosure assembly: In accordance with MIL-E-24142/4, part number M24142/4-001.
10. Switch gland: Metal.
11. Part number: M2726/21-001.
12. Electrical rating: 30-ampere, 250-volt, direct current.
13. Handle: The handle shall be of nonconducting material and designed to turn the switch on and off and also to serve as an interlock to prevent removal or insertion of the plug and cap while the switch is in the "ON" position.
14. Internal wiring shall be furnished.

QUALITY ASSURANCE:

Quality assurance shall be as specified in MIL-R-2726 and table I herein. The first article and quality conformance inspections shall consist of the inspections as specified in table I, in the order shown.

TABLE I. First article and quality conformance inspection.

Inspection	Requirement	Test method	First article	Quality conformance
Examination	3.1, 3.3, 3.4, 3.5, 3.6 and 3.7	4.6.1	X	X
Insulation resistance	3.5.1	4.7.1	X	X
Dielectric withstanding voltage	3.5.2	4.7.2	X	X
Operation	3.5.13	4.7.13	X	X
Vibration	3.5.9	4.7.9	X	
Shock	3.5.10	4.7.10	X	
Salt spray	3.5.11	4.7.11	X	
Effectiveness of enclosure	3.5.4	4.7.4	X	X
Dielectric withstanding voltage	3.5.2	4.7.2	X	

Preparing activity:
 Navy - SH
 (Project 5935-N255-22)