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MIL-P-24175/3A(SHIPS)
27 August 1971
SUPERSEDING
MIL-P-24175/3(SHIPS)
15 September 1967

MILITARY SPECIFICATION SHEET

(A) PANEL, POWER SUPPLY AND CONTROL FOR NAVIGATION LIGHTS, N.W.T.,

10 AMPERES, 120 VOLTS D.C.,

D.P. BUS, 8 CIRCUITS, SYMBOL NO. 945.1

The complete requirements for procuring the panel described herein shall consist of this document and the latest issue of MIL-P-24175.

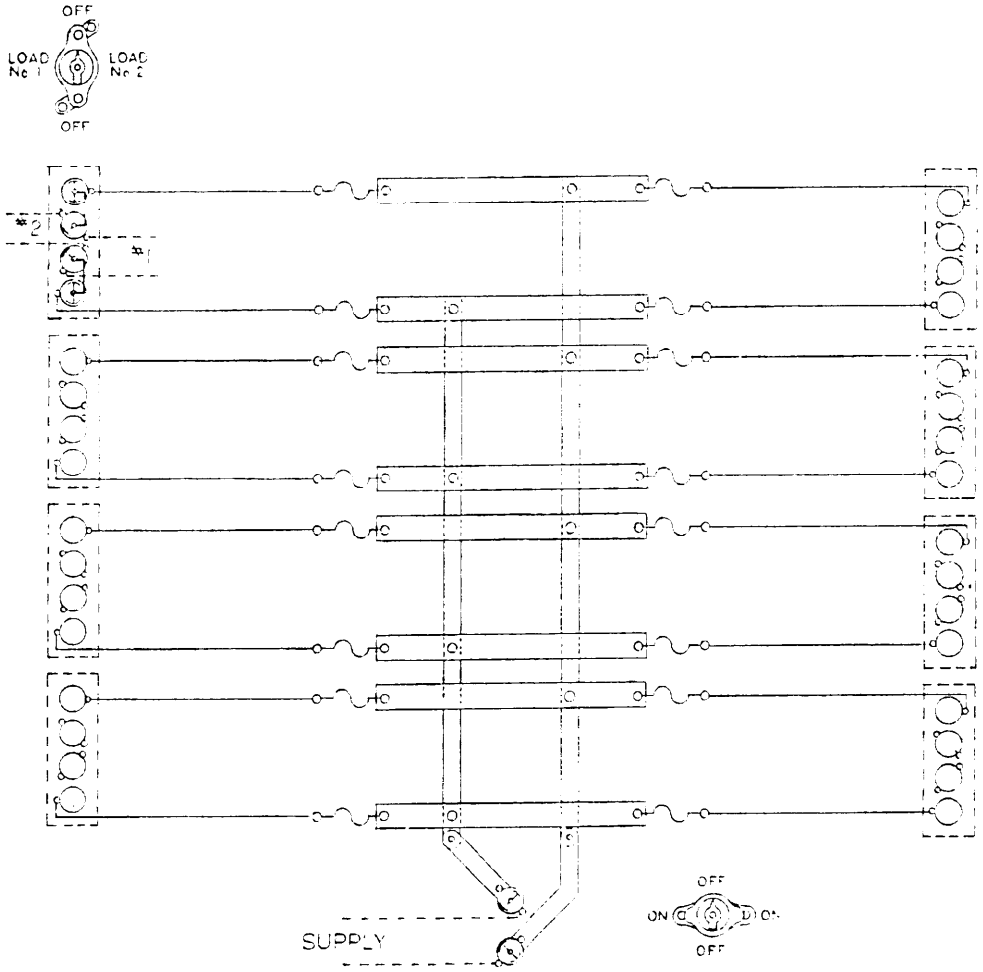


Figure 1 - Panel, power supply and control for navigation lights, N.W.T., D.P. bus, 8 circuits, symbol no. 945.1.

(A) Denotes changes.

FSC 6110

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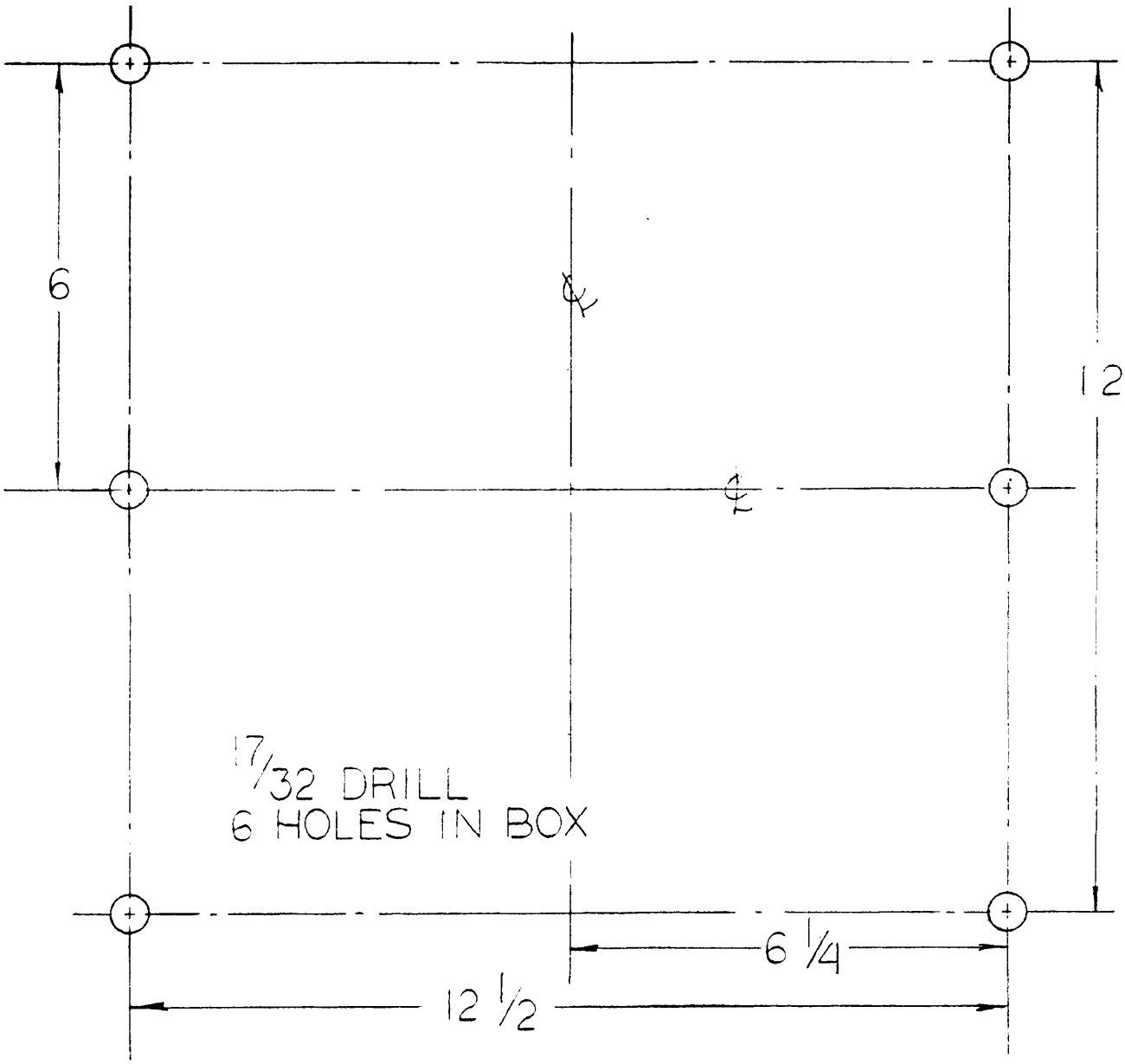


MOUNTING BOLTS SHALL BE 1/2-13 HEX HEAD
(FURNISHED BY INSTALLING ACTIVITY)

Figure 2 - Mounting dimensions.

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REQUIREMENTS:

| | |
|---|---|
| Enclosure: | Overall dimensions shall be approximately 16 inches high by 14 inches wide by 3-1/2 inches deep, non-watertight construction. Note: A typical panel is shown on figure 1 of MIL-P-24175. |
| Switches, fuses, busses, and connectors: | Shall be arranged and installed in the relative locations shown on figure 1. "OFF" position of switches shall be at the top. |
| (A) Fuse clip blocks and connecting busses: | Fuse clip blocks shall be grouped together in a centralized location, and fuses shall be made accessible through a hinged cover in the main box cover. Fuse clip blocks and connecting busses shall be suitably mounted on insulating blocks as required for proper clearances and creepages between polarities and ground. Fuse clip, style FC21CF of MIL-F-21346. |
| Switches: | Shall be base mounted and operated by handles in cover via self-aligning coupler arrangement. The bottom left-hand switch shall have a crank-type handle (for "man overboard" flashing operation). |
| Switch, power supply: | Rotary snap, D.P.S.T., type 1SR2A4 of MIL-S-15291 (1 required). |
| Switch, filament transfer: | Rotary snap, D.P.D.T., type 1SR2B4A of MIL-S-15291 (8 required). |
| (A) Wiring: | Shall be as shown on figure 1. Internal wiring, as required, shall be type B of MIL-W-16878. Output wiring from transfer switches to be installed by shipbuilder in accordance with navigation lights control diagram for ship on which panel is to be installed. |

| Military part number |
|---|
| M24175/3-001 |

Preparing activity:
Navy - SH
(Project 6110-N157)

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# SPECIFICATION ANALYSIS SHEET

Form Approved
Budget Bureau No. 119-R004

INSTRUCTIONS

This sheet is to be filled out by personnel either Government or contractor, involved in the use of the specification in procurement of products for ultimate use by the Department of Defense. This sheet is provided for obtaining information on the use of this specification which will insure that suitable products can be procured with a minimum amount of delay and at the least cost. Comments and the return of this form will be appreciated. Fold on lines on reverse side, staple in corner, and send to preparing activity *(as indicated on reverse hereof)*.

SPECIFICATION

MIL-P-24175/3A

| ORGANIZATION *(Of submitter)* | CITY AND STATE |
|---|---|
| | |

| CONTRACT NO. | QUANTITY OF ITEMS PROCURED | DOLLAR AMOUNT |
|---|---|---|
| | | $ |

MATERIAL PROCURED UNDER A

☐ DIRECT GOVERNMENT CONTRACT ☐ SUBCONTRACT

1. HAS ANY PART OF THE SPECIFICATION CREATED PROBLEMS OR REQUIRED INTERPRETATION IN PROCUREMENT USE?

A. GIVE PARAGRAPH NUMBER AND WORDING.

B. RECOMMENDATIONS FOR CORRECTING THE DEFICIENCIES.

2. COMMENTS ON ANY SPECIFICATION REQUIREMENT CONSIDERED TOO RIGID

3. IS THE SPECIFICATION RESTRICTIVE?

☐ YES ☐ NO IF "YES", IN WHAT WAY?

4. REMARKS *(Attach any pertinent data which may be of use in improving this specification. If there are additional papers, attach to form and place both in an envelope addressed to preparing activity)*

| SUBMITTED BY *(Printed or typed name and activity)* | DATE |
|---|---|
| | |

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