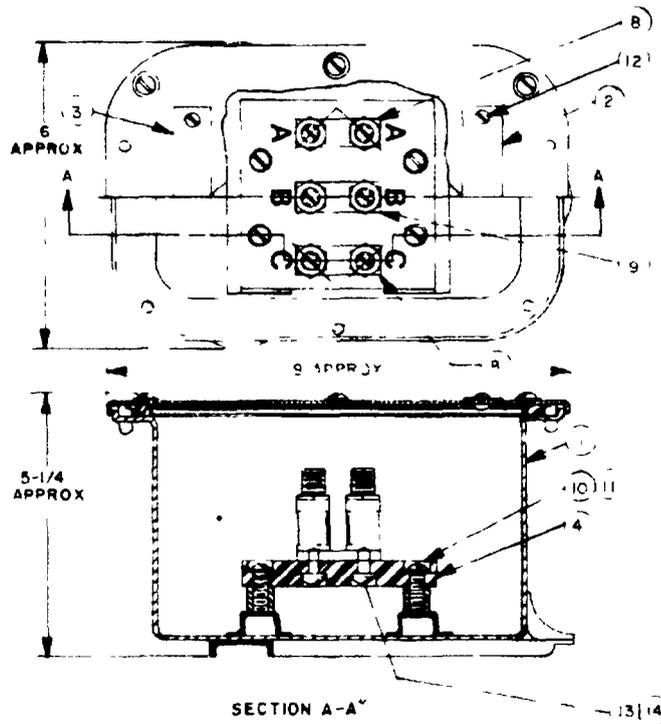


MILITARY SPECIFICATION SHEET

TERMINAL BOX, CONNECTION, SUBMERSIBLE (15-FOOT), 500 VOLTS, THREE-PHASE,
SYMBOL 403.1, TWO-CIRCUIT - THREE-PHASE BUS LUGS FOR TWO 75 MCM CABLES

This specification sheet is approved for use by the Naval Sea Systems Command and is available for use by all Departments and Agencies of the Department of Defense.

The complete requirements for acquisition of the terminal box described herein shall consist of this document and the latest issue of MIL-T-24558(SH).



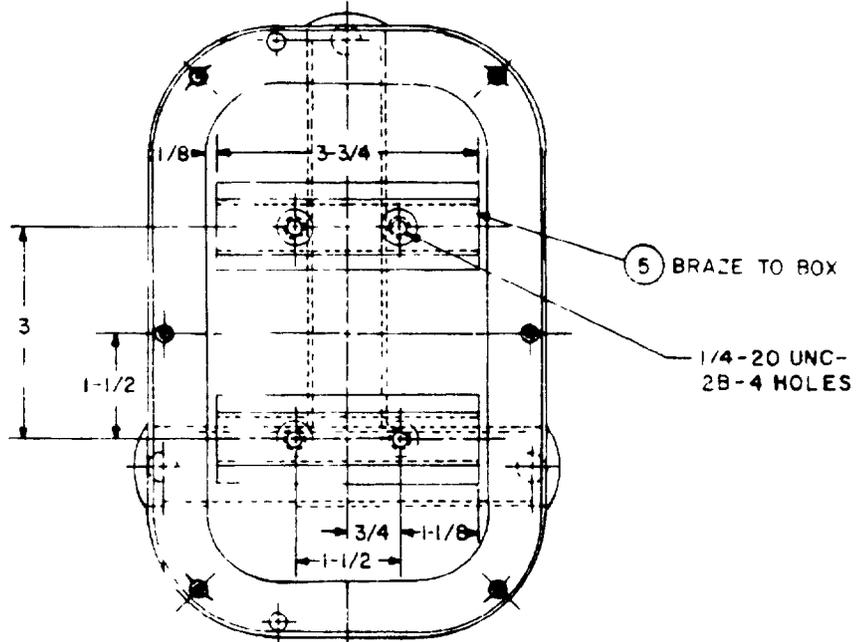
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FIGURE 1. Connection box assembly.

All dimensions in inches.
For tolerances, other than specified herein, see paragraph 3.4.8 of MIL-T-24558.

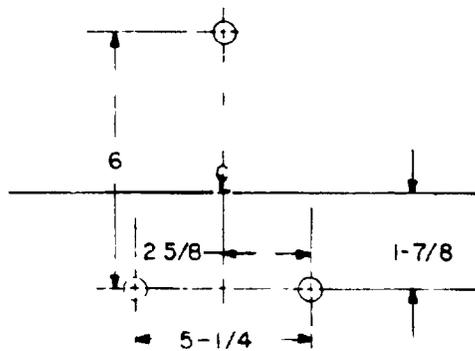
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MIL-T-24558/23(SH)



SH 11647

FIGURE 2. Location of terminal board mounting bracket.



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FIGURE 3. Mounting dimensions.

MIL-T-24558/23(SH)

REQUIREMENTS:

DESIGN:

Electrical rating. 500-volt rms/DC. The maximum current shall be 200 amperes per terminal lug.

Dimensions and configuration: See figures 1 through 6.

Standard parts: The standard parts shown in table I shall be used in the construction of the connection box specified herein. Numbers in circles shown on the figures are the same as those shown in "Item" column of table I.

Finish. The interior of enclosure may be unpainted or painted at contractor's option.

Enclosure: 15-foot submersible.

QUALITY ASSURANCE: First article inspection and Quality conformance inspection shall be as specified in MIL-T-24558

GENERAL INFORMATION: Assignment of Military part numbers and general information is as follows:

- (a) Military part number: M24558/23-403.1
- (b) Weight: The weight of the connection box shall be 5.4 lbs maximum.
- (c) Formerly covered on NAVSHIPS Drawing No. 9000-S6202-74097.
- (d) Overall terminal box dimensions are approximate. Exact dimensions are shown on Military Specification for item 1, table I.

TABLE I. Parts list.

Item	Description	Qty	Part No. or Spec	Remarks
1	Enclosure assembly, brass	1	MIL-T-24142/4	M24142/4-001
2	Identification plate	1	MIL-T-24558	Figure 6
3	Information plate	1	MIL-T-24558	Figure 6
4	Terminal board base	1	Figure 4	
5	Mounting bracket	2	MIL-T-24558	Figure 2
6	Terminal body	6	S6202-73055, Pc 3	Brass
7	Terminal pressure screw assembly	6	S6202-73055, Pc 23	Brass
8	Terminal lug - 15 degree	2	Figure 5	
9	Terminal lug - straight	1	Figure 6	
10	RH mach screw #1/4-20x3/4" long	4	COML	Brass
11	Washer for #1/4 screw	4	COML	Bronze
12	RH mach screw #6-32x1/2" long	4	COML	Brass
13	RH mach screw #10-24x1/2" long	6	COML	Brass
14	Washer for #10 screw	6	COML	Bronze

Preparing activity:
Navy - SH
(Project 5940-N856-23)

STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

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DOCUMENT IDENTIFIER AND TITLE
MIL-T-24558/23 (SH)

NAME OF ORGANIZATION AND ADDRESS

CONTRACT NUMBER

MATERIAL PROCURED UNDER A

DIRECT GOVERNMENT CONTRACT SUBCONTRACT

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