

INCH-POUND

MIL-DTL-22438/2C  
03 May 2012  
SUPERSEDING  
MIL-P-22438/2B  
10 May 1977

DETAIL SPECIFICATION SHEET

PANEL, RECEPTACLE, ENCLOSED, ELECTRICAL AND ELECTRONIC (SYMBOL NO. 755.3)

INACTIVE FOR NEW DESIGN  
AFTER 18 July 1997

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet and [MIL-DTL-22438](#).

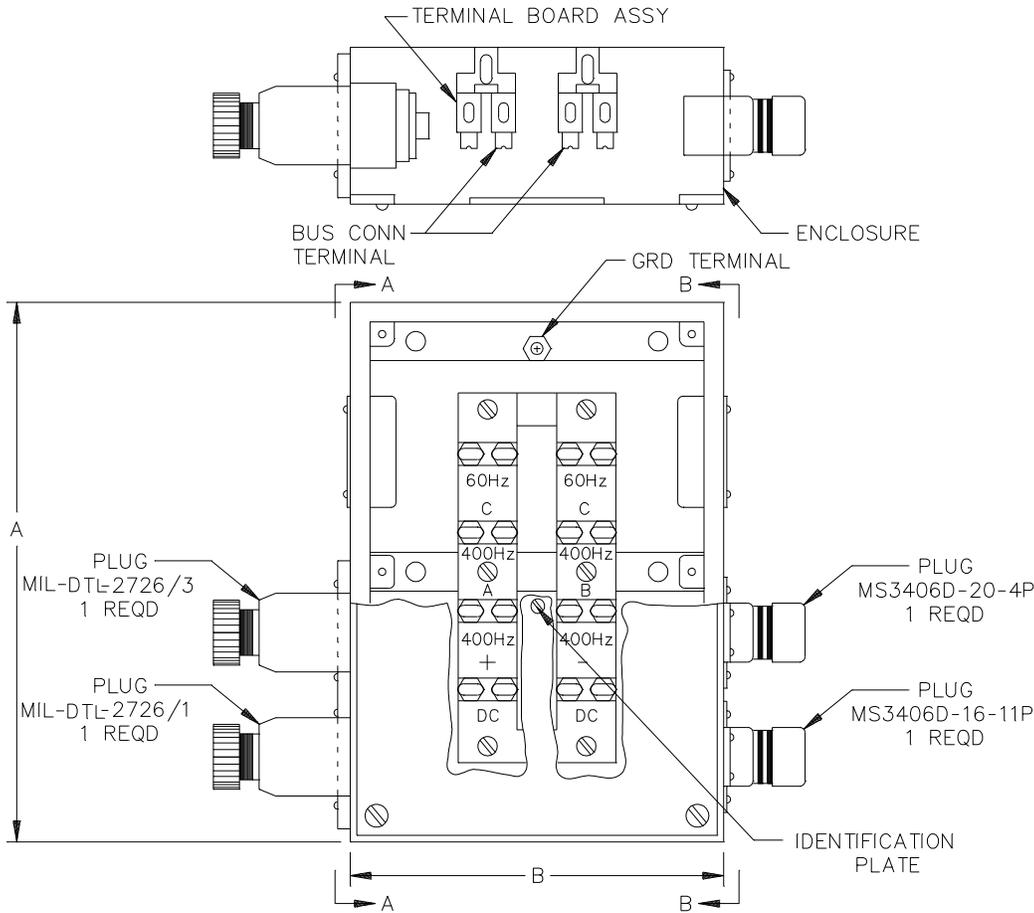


FIGURE 1. Panel, receptacle, enclosed, electrical and electronics.

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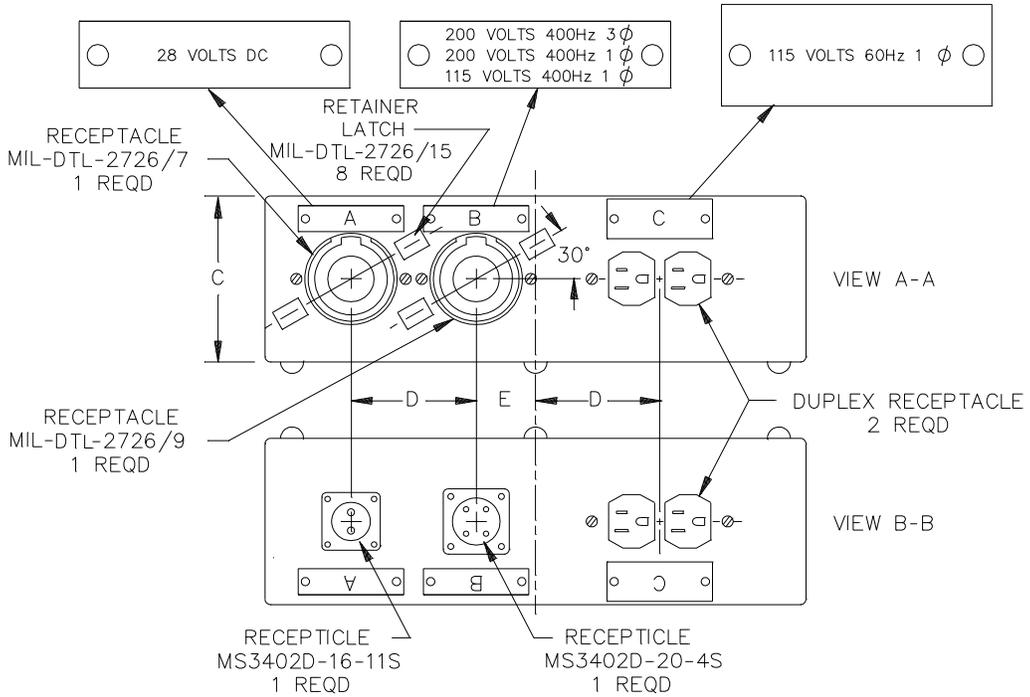


FIGURE 1. Panel receptacle, enclosed, electrical and electronic - continued.

Ltr	Inches		mm	
	Min	Max	Min	Max
A	13.109	13.141	332.969	333.781
B	8.859	8.891	225.019	225.831
C	3.859	3.891	98.019	98.831
D	3.047	3.079	77.394	78.207
E	1.515	1.547	38.481	39.294

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerances are plus or minus .016 inch (0.406 mm).

FIGURE 1. Panel receptacle, enclosed, electrical and electronic - Continued.

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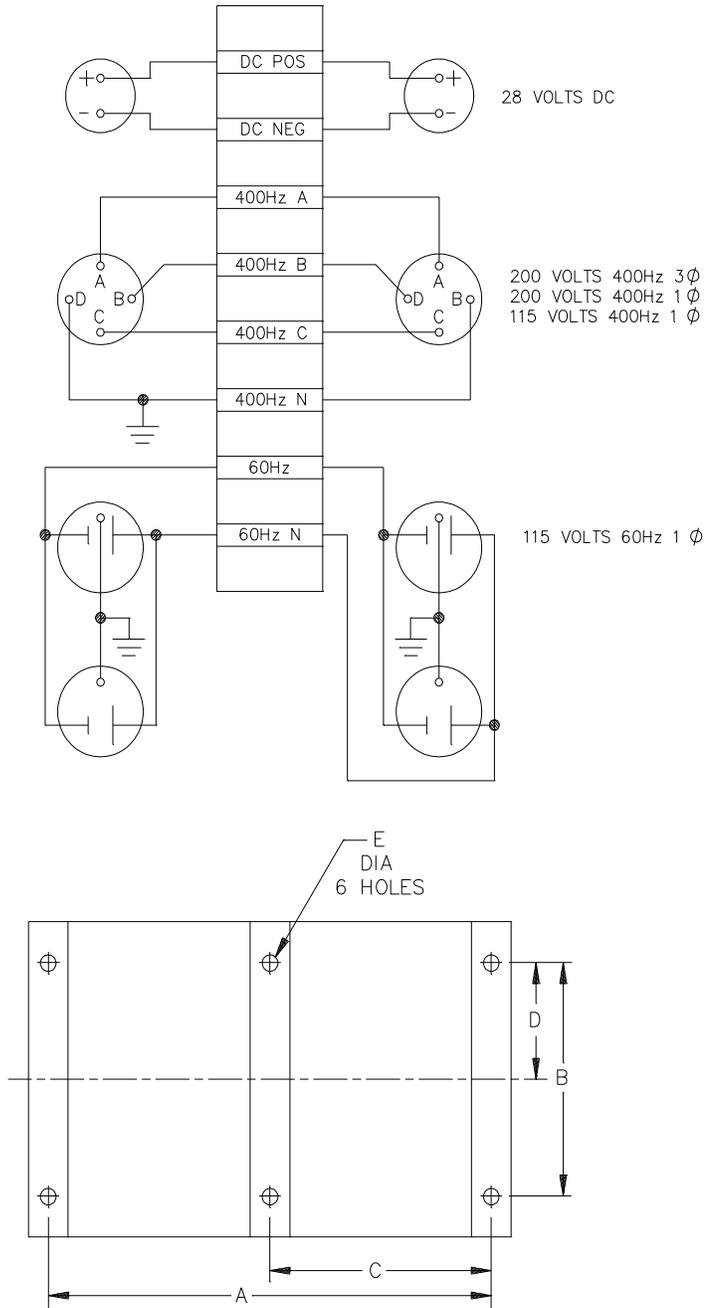


FIGURE 2. Wiring diagram and mounting dimensions.

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Ltr	Inches		mm	
	Min	Max	Min	Max
A	11.484	11.516	291.694	292.506
B	5.734	5.766	145.644	146.456
C	5.734	5.766	145.644	146.456
D	2.859	2.891	72.619	73.431
E	.390	.422	9.906	10.719

FIGURE 2. Wiring diagram and mounting dimensions - continued.

REQUIREMENTS:

Interface and physical dimensions: See figures 1 and 2.

Panel material: Steel.

Mounting: Designed for overhead mounting.

Electrical:

Bus connection terminal posts: Split-bolt type preferred. All posts including ground shall accept maximum wire size AWG-3.

Interior wiring: Type D-10 in accordance with [MIL-DTL-16878/3](#).

Retainer latch: [MIL-DTL-2726/15](#), figure 1.

Intended use: Ship structure mounted, at test benches which require power at voltages or frequencies other than ship service.

Part or Identifying Number (PIN): The PIN shall be M22438/2-001.

Referenced documents. In addition to [MIL-DTL-22438](#), this document references the following:

[MIL-DTL-2726/1](#)   [MIL-DTL-2726/3](#)   [MIL-DTL-2726/7](#)   [MIL-DTL-2726/9](#)   [MIL-DTL-2726/15](#)

[MIL-DTL-16878/3](#)

The margins of this specification are marked with vertical lines to indicate where changes from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous issue.

Custodians:  
Navy - SH  
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Preparing activity:  
DLA - CC

(Project 6110-2012-004)

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