

## POWER TRANSFORMER

ABS-NVR Certified, Shipboard Power Distribution

this application:



Espey continues to be a primary supplier of distribution transformers for Naval applications. This 75kVA unit is one of a family of transformers including units between 3kVA and 75kVA power throughput.

All the transformers in the family were certified through the ABS-NVR standards, specifically Part 3 Chapter 3 Section 4.

### Features:

- 75kVA Power Distribution Rated, Fan Assisted Convection Cooling
- Drip-proof (IP22) and Impact Shock Rated Enclosure per MIL-S-901D
- Delta-Delta or Delta-Wye Configurations
- Qualification:
- ABS-NVR
- MIL-STD-1399/300A, Type I
- MIL-S-901D, Grade A, Class I, Type A, Unrestricted Orientation
- MIL-E-15090, Type II, Class 2
- IEEE C57.12.01-1998
- IEC 60529, IP22

# Power Transformer

## Specifications:

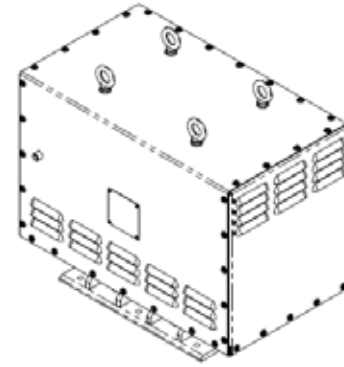
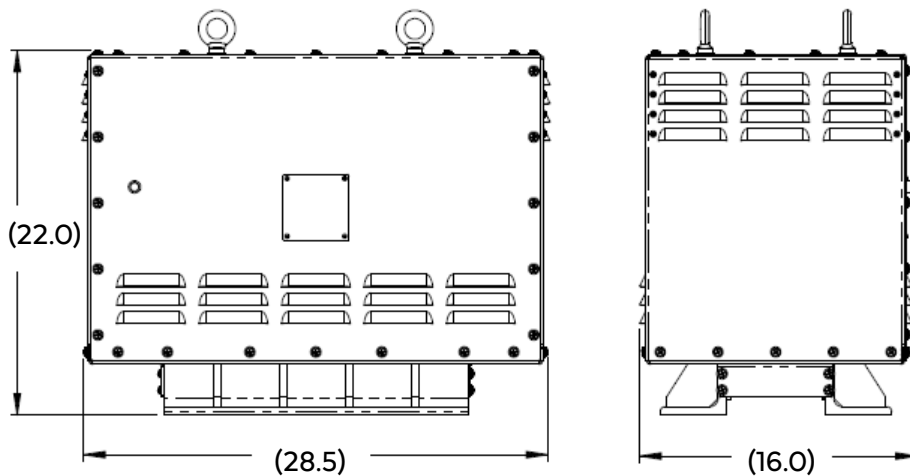
### ELECTRICAL SPECIFICATIONS

Input Voltage	450VAC, 60 Hz
Output Voltage	208/120VAC, 60 Hz
Power Rating	75kVA
Duty Cycle	Continuous
Dielectric Strength	4000VAC, 60Hz Winding to Core and Case
Regulation	at 0.8 PF- 3.5%; at 1.0 PF- 3%
Exciting Current	5% Max
Peak Inrush Current	653 Amps Max.

### MECHANICAL SPECIFICATIONS

Mounting	Deck, with Removable Eyebolts for lifting
Weight	650 lbs (at max)
Insulation Class	R (220°C), w/ 50°C Ambient, and Over-Temp Indicator Lamp
Temperature Rise	140°C
Connections	Primary- Marathon Terminal Block P/N 1423122; Secondary- 2- 3/8" studs per phase (Custom)

### MECHANICAL DRAWING



All dimensions are reference only and are stated in inches

AU-3P7501-7502