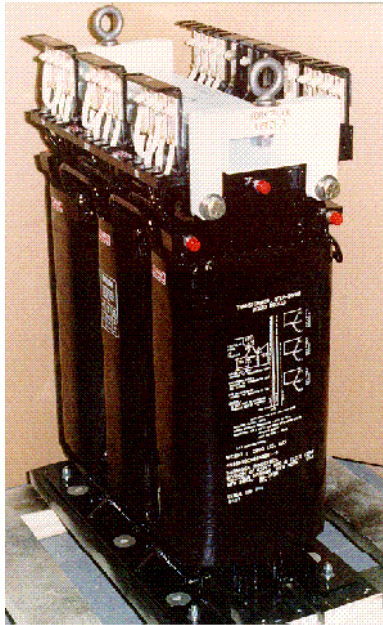


MAGNETICS

POWER TRANSFORMER

- Ground Based Radar Application



Features:

- Liquid Cooled
- Medium Voltage
- 200°C Insulation System
- Shock to MIL-STD 202 Cond. A except: vertical- 5 G's, lat & long- 3 G's
- Vibration to MIL-STD 202 Cond. A

This unit is a state-of-the-art, liquid cooled, dry-type, 250 KVA, 60 Hz, three phase, power step down transformer. The transformer has 3 three phase wye connected secondary outputs. The transformer has internal liquid cooled heat exchangers to facilitate the high power handling capability.

Specifications:

Electrical Specifications

- **Input Voltage** : 4160 Vac 3 phase 60 Hz
- **Power Ratings:** 250kVA
 - 1st 3 ϕ Output: 208/120 Vac, wye, 30 kVA
 - 2nd 3 ϕ Output: 208/120 Vac, wye, 15 kVA
 - 3rd 3 ϕ Output: 480/277 Vac, wye, 205 kVA
- **Outputs Voltage Regulation:** 3% max @unity PF

Mechanical Specifications

- **Weight:** 2000 lbs.
- **Size:** 16"x31"x43"
- **Oper. Temp:** -40 to +71 °C
- **Max winding Temp:** 180 °C
- Liquid Cooled

Rev. A