

Network Transformers

Central Moloney, Inc.
An ISO 9001:2000 Certified Company

Product Data Sheet

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Introduction

Central Moloney, Inc. manufactures subway and vault-type network transformers specially designed for secondary network distribution systems. Our network transformers are designed and manufactured in compliance with ANSI Standard C57.12.40 and/or customer specification.

Application

Our Subway-type network transformers are designed for frequent or continuous submerged operation. This vault-type network transformers are suitable for occasional submerged operation.

Product Features

A variety of features and accessories are available to satisfy almost any special requirement.

Special options include liquid level gauges, welds and inserts, wiping sleeves, high-voltage grounding switch (dead break type), submersible tap changer and temperature gauge are available to meet your exact specification.

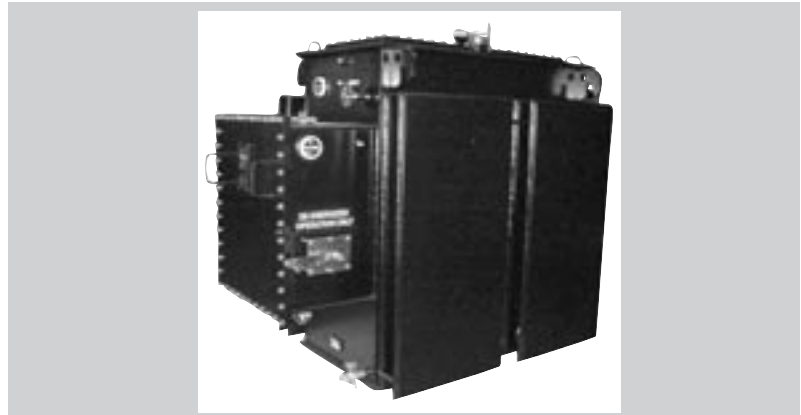
Corrosion Protection/Finish System

The paint system applied to Central Moloney's network transformers is a two-step process specifically tailored for the environments encountered by this product line.

All tanks undergo washing and phosphatizing process. This cleans the tank to bare metal. The metal surface is chemically etched and phosphatized providing a good anchor for the primer and topcoat.

The primer is zinc with a topcoat of black epoxy mastic which is extremely durable and provides years of dependable service in the most demanding environments.

Our paint specialists constantly stay abreast of new technology in corrosion protection, and by working closely with paint suppliers, we keep our finish systems "state-of-the-art" in quality of protection.



Product Scope

- 300 kVA through 1500 kVA
- Primary voltage through 34.5 kV
- Secondary voltages through 600 V

Testing

Our network transformer undergo rigorous testing by IEEE/ANSI Standards C57.12.00 and C57.12.90. These tests include:

- Impulse
- Hipot
- No-Load Loss (Core Loss)
- Load Loss (Copper Loss) & Impedance
- Phase Relation
- Induced
- Ratio
- Interlock coil minimum/maximum voltage requirement verification
- Other tests as required by customer or specification

Quality

Central Moloney products are manufactured with precision and control that assures all industry and customer specifications. Our quality management system has earned ISO 9001:2000 certification. ISO certification at Central Moloney provides the basis for control and continuous improvement. We believe that making quality products requires the full understanding and commitment of each employee. Employees are made aware of the company objectives and quality policy by training, quality assurance procedures and quality audits.

Call us for more information about our products and services.