

SUBMERSIBLE NETWORK TRANSFORMER



ERMCO/ Pioneer manufactures Subway and Vault-Type Network Transformers up to 5 MVA. Each unit is precision-engineered for long-term reliability in underground distribution systems where compact size, safety, and corrosion protection are mission-critical.

SUPERIOR CONSTRUCTION AND PROTECTION

- Copper-bearing steel tank construction ($\geq 0.20\%$ Cu) for strength and durability.
- Surface grid-blasted, epoxy-polyamide paint system for corrosion resistance.
- Stainless-steel options for extreme moisture-prone environments.
- Rigidly braced core-and-coil assemblies withstand severe short-circuit conditions.

FEATURES

MONITORING

- Dial thermometer
- Liquid-level gauge
- Pressure-vacuum gauge
- Pressure-relief device

CORROSION RESISTANT OPTIONS

- 304 & 316L stainless-steel tank and radiator construction
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FUSES AND PROTECTION

- Bay-O-Net fuses
- Weak-link cartridge fuses
- Current-limiting fuses

SWITCHING

- Load-break switches
- Tap changers
- MOV surge arresters
- Separate HV terminal and switch chambers

For additional information, contact your Strategic Account Manager.

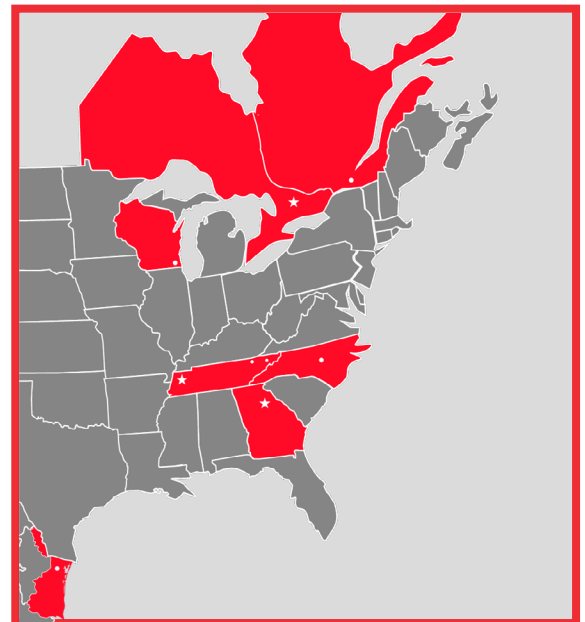


TECHNICAL SPECIFICATIONS

Parameter	Value
kVA Rating	250 kVA to 5 MVA
Frequency	50 Hz/60 Hz
Primary Voltage	Up to 34.5 kV
Secondary Voltage	Up to 4.16 kV
BIL Rating	Up to 350 kV BIL
Temperature Rise	55°C / 65°C
Cooling/Fluid	Mineral Oil, FR3, Midel 1204, Midel 7131 Synthetic
Standards	IEEE C57.12.24, DOE, CSA C199

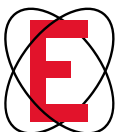


ERMCO Enterprise Location Map



Need help choosing the right transformer?
 Visit our website to explore our interactive map
 and connect with a strategic account manager
 in your state.

<https://www.ermco-eci.com/contact-us/>



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