



Three Phase Pole Mount Distribution Transformers

Engineered for Performance. Built for the Grid.

Rev 10/27/25



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Products Built Beyond Standards

Discover Transformers and Components Built to Keep Your Community Powered.

We ensure that families and businesses have the power they need. Every ERMCO Distribution Transformer and Component is engineered for lasting performance and proven reliability to keep the world powered in even the toughest conditions.



With unparalleled build quality and customer support, see why customers worldwide partner with ERMCO when it matters most.

Types of Three Phase Pole Mounted Transformers

Round Barrel	Square Barrel
<p>ERMCO's Three Phase Pole Mounted Round Tank is designed for service in areas where three phase power is needed, but space is limited. It provides a cleaner looking service with lower installation cost than a bank of three single phase transformers. Triplex core/coil is the choice for serving electric motor loads especially with frequent motor starts. CSP is available to improve service reliability.</p>	<p>ERMCO's Three Phase Pole Mounted Rectangular Tank is designed for service where three phase power is needed, but space is limited. It provides a cleaner looking service with less installation cost than a bank of three single phase transformers. The rectangular tank is shorter than the traditional round tank transformers allowing more room for leasing under build space on the pole. The shorter tank is more stable against tipping over than the taller three phase pole mounted round tank. CSP is available to improve service reliability</p>

Keep power flowing reliably through your community with ERMCO transformer solutions and compatible components. Visit our components page to learn more about ERMCO-manufactured products designed to deliver lasting performance and value.





**Precision
Built.
Customer
Driven.**

Engineered for excellence, discover the distribution transformers built to withstand your toughest demands and deliver lasting performance.

Standard Features	Round Barrel	Square Barrel
Meets or exceeds IEEE, NEMA standards	Yes	Yes
Core/Coil Design	Triplex core/coil design	Five-legged core/coil design
High Voltage Bushings	Wet process	Wet process
Low Voltage Bushings	Molded polymer	Molded polymer
Terminals	Tin plated bronze (Cu/Al)	Tin plated bronze (Cu/Al)
Tank Grounding Provisions	Two	Two
Lightning Arrester Mounting	Yes	Yes
Drain Plug	1/2" drain plug	½-inch drain plug
Pressure Relief Device	Automatic	Automatic
Insulating Fluid	Mineral oil	Mineral oil
Tank & Cover	Mild steel, bolted cover	Mild steel, bolted cover
Finish	Corrosion-resistant powder coat ASA 70 gray	Corrosion-resistant powder coat ASA 70 gray
Nameplate	Laser engraved	Laser engraved

Optional Features	Round Barrel	Square Barrel
Stainless Steel Components	Yes	Yes
Secondary Voltage Circuit Breaker	Triplex core/coil design	Five-legged core/coil design
Primary Voltage Fusing	Wet process	Wet process
Low Voltage Bushings	Molded polymer	Molded polymer
Lightning Arresters	Tin plated bronze (Cu/Al)	Tin plated bronze (Cu/Al)
Switching	Two	Two
Wildlife Protection	Yes	Yes
Gauges and/or Valves	1/2" drain plug	½-inch drain plug
Customer Specified Decals/Stencils	Automatic	Automatic
Insulating Fluid	Mineral oil	Mineral oil
Tank Colors	Mild steel, bolted cover	Mild steel, bolted cover

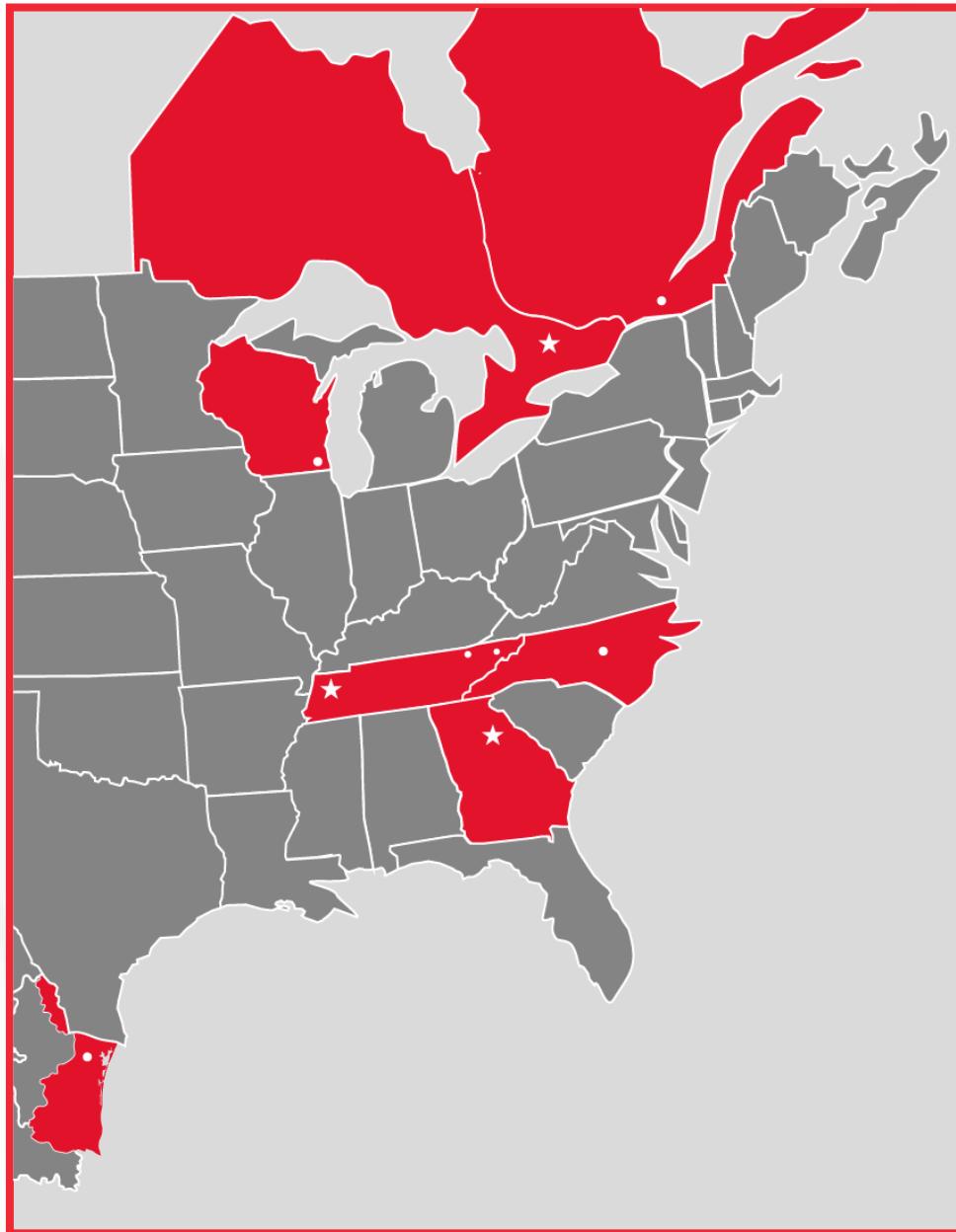
kVA and Standard Voltage Offerings

- All standard tap configurations available.
- Dual voltage available in most combinations.
 - » Dual voltage with taps in higher voltage position only.
 - » Dual voltage: Highest BIL applies to both voltages.
- Additional voltages may be available, consult with our outside sales representatives.
- Impedance and loss options available in most designs.

kVA Sizes	Primary Range Voltages	Secondary Voltages
30		208Y/120
45	4160 GrdY/2400 (60 kV BIL)	480Y/277
75	to	240
112.5	24940 GrdY/14400 (125kV BIL)	480
150		240 120 mid-tap
		480 240 mid-tap



FOR MORE INFORMATION VISIT
ERMCO-ECI.COM



ERMCO-ECI
2225 Industrial Road,
Dyersburg, TN 38024
731-285-9121
WWW.ERMCO-ECI.COM

ERMCO COMPONENTS
1607 Industrial Road,
Greeneville, TN 37745
423-636-6400

ERMCO COMPONENTS
13622 101st Street,
Bristol, WI 53104

ERMCO COMPONENTS
Seccion 44A Tercera Unidad del Bajo Rio
San Juan S/N
Col. Parque Industrial Reynosa
Reynosa, Tam. Mexico CP 88780
WWW.ERMCO-ECI.CO

PIONEER TRANSFORMERS
612 Bernard Road
Granby, Quebec J2J 0H6
450-378-9018
WWW.PIONEERTRANSFORMERS.COM

POWER PARTNERS
200 Newton Bridge Road,
Athens, Georgia 30607
706-548-3121
WWW.POWERPARTNERS-USA.COM

GRIDBRIDGE
7001 Pinecrest Road
Raleigh, NC 27613
984-500-5370
WWW.GRID-BRIDGE.COM

ERMCO DRY TYPE TRANSFORMERS
1125 Walnut Avenue
Celina, TN 38551
931-243-4717
WWW.VF-TRANSFORMER.COM



ERMCO-ECI
2225 Industrial Road,
Dyersburg, TN 38024
731-285-9121
WWW.ERMCO-ECI.COM

Need help choosing the right transformer?
Go to our site below to explore our interactive map and connect with a sales expert in your state.

View Our Sales Map
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