



Three Phase Pad Mounted Step Transformer



ERMCO's three phase pad mount step down transformer provides secondary power between 1200 and 4800 volts. It is the ideal choice for supplying power to large industrial loads where the traditional 600 volt apparatus is insufficient. The three phase step transformer also provides a method of interconnecting the grid where differing voltages exist such as 14400 volts to 2400 volts.

It is not uncommon to have long secondary lines connected to a step transformer thus increasing the opportunity for secondary faults. **ERMCO** has electrically tested our step transformer at high power labs to ensure we meet or exceed the industry standard for short circuit withstand and still provide reliable sources.



Available kVA sizes:

- 750, 1000, 1500, 2000, 2500, 3000

Available range of primary voltages:

- 34500 volts and below (150kV BIL and below)
- With or without taps
- Dual voltage combinations

Available secondary voltages:

- 1200 to 4800 volts (60kV BIL and below)

Standard Features:

- Meets or exceeds applicable ANSI, NEMA standards
- Five legged core coil design
- Primary Dead Front bushing wells
- Secondary Live Front porcelain bushings with spades
- Two tank grounding provisions
- 1" drain valve with sampler and fill port
- Automatic pressure relief device
- Mineral oil
- Mild steel tank, cover and cabinet
- Corrosion resistant power coat finish Munsell green 7GY 3.29/1.5
- Hinged and removable cabinet doors, sides and top
- Laser engraved nameplate

Optional Features

- Fuses; bayonet, weak link
- Primary Load break switches (2 Position, T-blade, V-blade)
- 304L stainless steel tank and/or cabinet
- Primary Live Front porcelain bushings or 600 Amp deadbreak bushings
- Secondary Dead Front bushing wells or 600 Amp deadbreak bushings
- Gauges and/or valves
- Customer specified decals or stencils
- Natural ester oil
- Various colors