

» **SMALL & MEDIUM POWER SUBSTATION TRANSFORMERS**



Standard Features

- » No-Load Tap changer When Required
- » Dial-Type Thermometer
- » Secondary Spade Connectors
- » Drain Valve or Combination Drain and Sampler Valve
- » Pressure Relief Valve (smaller kVA ratings)
- » Upper Filter Press Connection
- » NEMA Two-Hole Ground Pad
- » Stainless Steel Nameplate
- » Provision for Jacking and Lifting
- » Base Suitable for Rolling or Skidding
- » Reinforced Steel Plate Tank
- » Externally Clamped High and Low Voltage Bushings
- » Welded Cover with Handhole

Optional Features

- » High Fire Point Fluid
- » 50 HZ Frequency
- » 55/65 Degree C Temperature Rise
- » Pressure Vacuum Gauge (also with bleeder)
- » Pressure Relief Device
- » Sudden Pressure Relay
- » Winding Temp Indicator
- » Secondary Molded-Case Breaker
- » Lightning Arresters
- » CT's and PT's
- » Gauges with Contacts
- » Fans and Controls
- » Provisions for Fans and Controls
- » Primary Load Interrupter
- » Contact Sunbelt Power Systems for Equipment Packages

Construction

- » Full Vacuum-Rated Tank on Larger Power Units
- » Cylindrical or Rectangular Coil Design Depending upon kVA Rating and Voltage
- » Distributive Gap or Mitered Silicone-Steel Core

Standard Tests

- » Resistance, Ratio, Polarity, Phase Relation, Core Loss, Load Loss, Exciting Current, Impedance, Applied and Induced Potential *, Quality Control Impulse, Pressure, Insulation Power Factor Resistance

Optional Tests

- » Temperature Test (heat rise), NEMA Impulse Test *, Sound Level Test, Partial Discharge Measurement *

Ratings

- » 75 kVA through 50 mVA (plus additional fan-cooled ratings)
- » Primary Voltages through 230 kV (650 kV BIL)

Tests not performed on remanufactured units are marked with an *

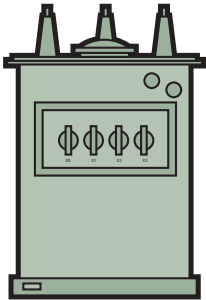
» **For a quick quote on your next project, visit www.SunbeltUSA.com or contact us at 1-800-433-3128 to be routed to the nearest of 6 locations.**

» **SMALL & MEDIUM POWER SUBSTATION TRANSFORMERS**

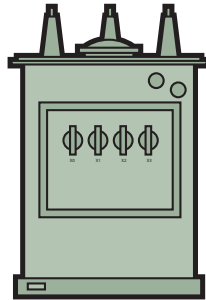


Typical Application

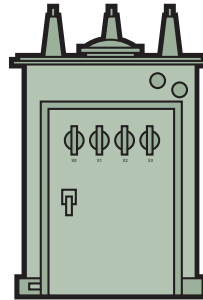
Basic physical arrangements are show in the diagrams below.



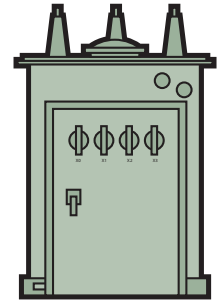
» Primary cover mounted
Low voltage sidewall-throat connected



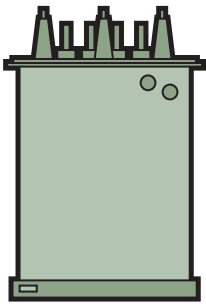
» Primary cover mounted
Low voltage sidewall-air chamber
(top or bottom entry)



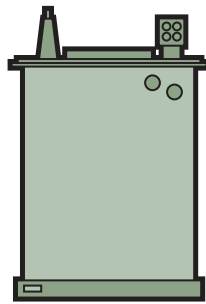
» Primary cover mounted
Low voltage sidewall-
full length chambers



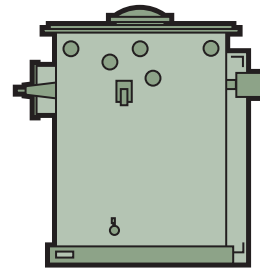
» Primary cover mounted
Low voltage sidewall-open spade



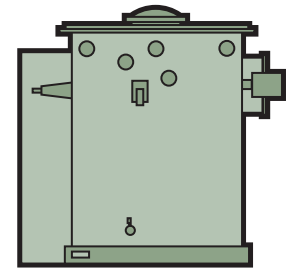
» Primary cover mounted ANSI segment 3
Secondary voltage cover mounted-ANSI
segment 1



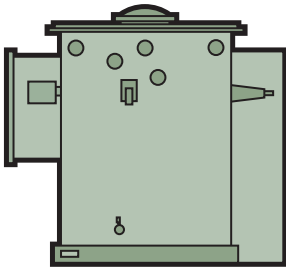
» Primary cover mounted ANSI segment 2
Secondary voltage sidewall-ANSI segment 4



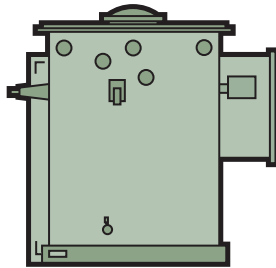
» Primary throat
Secondary full-length transition flange



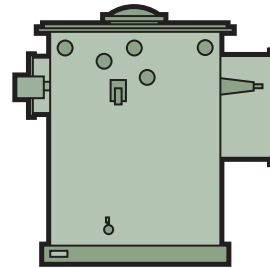
» Primary full length chamber
Secondary throat



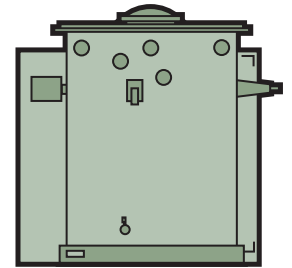
» Primary full length terminal chamber
Secondary air terminal chamber



» Primary full-length transition flange
Secondary air terminal chamber



» Primary air terminal chamber
Secondary throat



» Primary full-length transition flange
Secondary full-length terminal chamber

» **POWERING YOUR SUCCESS**

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