



**Southwest
Electric Co.**



SPECIALTY TRANSFORMERS

Southwest Electric is Your Power Partner

Southwest Electric Co. Specialty Transformer Division specializes in the design and manufacturing of liquid-filled transformers. Our team can work with you to identify the exact specifications you need.



24/7 EMERGENCY SERVICE

833.YOUR.SWE

Certifications and Standards

- ▶ IEEE C57.12.00, C57.12.90, C57.12.34
- ▶ UL and c-UL Certified
- ▶ Department of Energy Compliance

Application Types

FULL AMP CAPACITY TRANSFORMERS [FACT] / MULTI-TAP SERIES

- ▶ Designed for Increased Versatility
- ▶ Multiple Voltage Selections per Transformer
- ▶ **Single Phase Step-Downs**
 - Single and Dual Primary Voltage Options
 - 60 Hz / 30°C Applications
 - 37.5 - 500 kVA
 - 480 - 69,000 V
- ▶ **Three Phase Step-Ups**
 - 60 Hz / 30°C Applications
 - 100 - 1,500 kVA
 - Primary Voltage: 380 - 600 V
 - Secondary Voltage: 600 - 7043 V

PHASE-SHIFTING POLY-AUTO SERIES

- ▶ Converts 3-Phase Power to Feed 12-Pulse VFDs
- ▶ One Winding Transformer [Non-Isolation]
- ▶ Incoming/Outgoing Voltage: 480 V
- ▶ Compact/Lightweight Unit

DISTRIBUTION TYPE STEP-DOWN TRANSFORMERS

- ▶ Unit-Substation or Pad-Mount Style Designs
- ▶ Three Phase Applications
- ▶ 100 - 7,500 kVA
- ▶ 208 - 34,500 V
- ▶ Department of Energy Compliant Designs

PHASE-SHIFTING TRANSFORMERS

- ▶ Isolation Designs for 12, 18, 24, or 36 Pulse VFDs

TRANSFORMERS
CONTINUED



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UTILITIES



OIL & GAS



SUBSTATIONS



INDUSTRIAL



DATA CENTERS

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Transformer Customizations

NON-STANDARD APPLICATIONS

- ▶ Dual-Primary or Dual-Secondary
- ▶ 50 Hz Designs
- ▶ High Frequency Designs
- ▶ Natural Ester Insulating Fluid with High Flash Point

HARSH ENVIRONMENTS

- ▶ High or Low Ambient Conditions
- ▶ High Altitude
- ▶ Corrosion Resistant Finishes
- ▶ Stainless Steel Construction
- ▶ Class 1, Division II Hazardous Area Designs

ON-LINE MONITORING / PROTECTION

- ▶ Array of Accessories for On-Line Monitoring
- ▶ Internal or External Fuse Protection
- ▶ Lightning Arresters for Surge Protection

ADDITIONAL FEATURES

- ▶ Gland Plate Cut-Outs for Cable Access
- ▶ Dead-Front Bushings
- ▶ Cover Mounted Bushings
- ▶ Custom Paint Colors



NEW TRANSFORMER PRODUCT

Oklahoma City, OK

800.364.6344 | Local: 405.733.4700

TRANSFORMER SERVICES

East [Nashville, TN] 800.364.8605 | Local: 615.248.6700

West [Tulsa, OK] 800.364.9494 | Local: 918.437.9494

Midwest [Louisville, OH] 800.858.1937 | Local: 330.875.7000