

Power Electronics



Lake Shore Electric - Automatic and Manual Transfer Switches. Be sure and get a quote from us on Service Entrance rated or Closed Transition Switches. Lake Shore has been making high quality Transfer Switches, Enclosures, & Relay Panels since the 50's. <http://www.lake-shore-electric.com>



ZERO SURGE - TSC—Total Surge Cancellation Technology. Zero Surge manufactures, non-degrading power quality filters, certified by UL for safety, endurance and performance. Designed to provide just the right amount of cancellation voltage and capable of operating over the full 6,000-V, 3,000-A range without saturation or arc-over. ZeroSurge offers over 50 different models available in both plug-in strips and rack mounted designs.



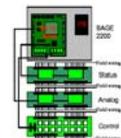
Joslyn TPS—TVSS - Transient Voltage Surge Suppressor. Joslyn's newest line is designed to provide Total System Protection. Utilizing all Technologies throughout the line of products, including Advanced filtering, SAD, MOV, Thermal Fuse and Component Level Fusing. <http://www.tpsjoslyn.com/>



Primax—Battery Chargers & Battery systems for communications and power applications. Cabinet designed for access to internal parts and repairs. One PC board for all chargers to minimize spare parts to stock. <http://www.primax.ca/>



Satec— Multi-function Power Meters—Designed for the toughest Electrical Environments and a great value. From our PM130 to the ez-Pac with Fault Recording & Sequence of events, and much more. Satec uses true 3phase measurement. We have a product for almost every application. <http://www.oksatec.com/>

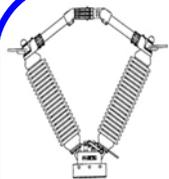


Telvent—Remote Terminal Units (RTU)—With years of experience with retro-fit applications and new, Telvent can save you money on Hardware cost, Field wiring, Engineering, No changes to the master station and provide STATE of the ART equipment with added functionality. From RTUs with Config@Web to Feeder Management System (FMS) applications; Telvent brings solutions to the table. <http://www.telvent.com/products/electric.asp>

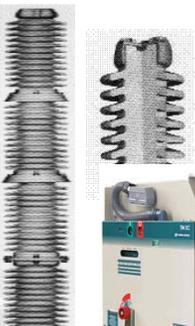


Piller Power Systems— Piller produces high capacity dynamic (rotary) and static uninterruptible power supplies (UPS) and converter systems. 208V—34.5kV. When failure is not an option, choose Piller. <http://www.piller.com/>

T&D Products



Royal—Air Break, Pole or Structure mounted Switches and Connectors Group Operated Disconnects — 15kV—230kV and up to 3000A Options: Aluminum or Copper, V switch (shown left), Vertical Break Switch, Side Break, Center Break. Hook stick Operated— .5kV—161kV up to 4000A Options: Al. or Cu. Substation Connectors—Aluminum—Bolt or Weld, Bronze, Copper. <http://www.royalswitchgear.com/>



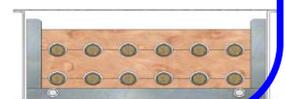
Newell -PSN—Complete line of solid core, station and line, post porcelain insulators, for distribution, substation and transmission with over 50 years of manufacturing experience and performance testing. Solid core porcelain provides totally trouble free electrical performance. The solid core design ensures 100% puncture-proof reliability throughout the insulator life. <http://www.newellporcelain.com/>



Tavrida— 5 -38kV Vacuum Circuit Breakers and Reclosers., 20kA to 31.5kA, 150,000 close open operations at full load. 1000V 400A Vacuum contactor. Maintenance Free 5 year warranty on fixed mounted breaker, 3 year warranty on draw out breaker. <http://www.tavrida-na.com>



Advanced Cable Bus — 800A—6000A, 600V-69kV, up to 100kA RMS symmetrical Short Circuit rating . Efficient, Flexible, and very cost effective, Advanced Cable Bus offers the best solution for many applications.B <http://www.advcablebus.com/>



Inside Sales: Teri Barnhill, Celine Wilson Admin: Craig Hatton

Industrial Sales— Mark Cunningham — David Batts — Mike Dishongh — Gary Denton— Cy Cates
Manufacturers represented in Texas, Oklahoma, NM -Industrial <http://www.powerreps.com/>

Substations & Transformers

PSD—Power Systems

Development has engineered, managed, and built more than 400 substation projects. Let PSD help you to get your Substation project done right and on time. Call and request our users' list and brochure.

<http://www.psdohio.com/>



- Extensive High Voltage Project Experience
- Licensed Professional Engineers
- Design Development
- Project Management
- Procurement
- Construction and Construction Management
- Commissioning
- System Studies
- Transformer and Substation Service

Romagnole

Transformers—Single and Three Phase Liquid Filled Transformers up to 2000kVA—25kV Class. Product of Brazil. Houston stock.



Pacific Crest—Three Phase Liquid Filled Transformers up to 12MVA—69kV.

Previously Areva, Alstom, Balteau, Standard Transformer Co. Made in Medford, Oregon.

Both **Romagnole** and **Pacific Crest** make Industrial Transformers with Cylindrical windings and mitered core—great for motor starting applications and help provide long transformer life in harsh industrial applications. Disc winding is used at 69kV and is available on other voltages. 65C or 55/65C Rise.

Substation—Bushings on the sides. Throat, Flange, or Air Terminal Chamber for connections.

Station type—Bushings on top.

Industrial Pad Mount—Bushings on the front, enclosed with doors. Options: Live Front or Dead Front, Switch (under oil), Primary Fuses, Secondary Panel, Fans, Cover mounted Pressure Relief device, etc.



Olsun Electrics—**Dry Type Transformers** for all applications—Copper Windings.

7500kVA -120V—35kV Encapsulated up to 500kVA 3 phase Stainless Steel enclosures

150C Rise - Commercial - for maximum kVA with 10hr daily duty

115C Rise - Light Industrial - for maximum kVA with 18hr daily duty

80C Rise - Industrial - for maximum kVA with continuous duty. <http://www.olsun.com/>

Advanced Power Technology- Transformer Temperature Monitors- With calculated winding temperature, LTC conditioning monitoring, and data logging. Transformer Cooling System Monitor for monitoring of large substation apparatus. Time & Temperature Controller Single / Dual probe ambient temperature controller - Automatically change relay setting groups based on temperature. <http://www.advpowertech.com/>

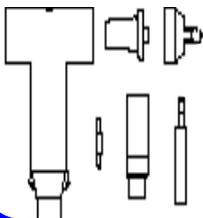
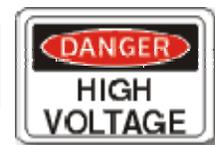
Cable Accessories, Markers & Markers

RESTRICTED AREA

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ELECTROMARK — Leading Source for Utility Marking Products for safety, operations, and maintenance application. Signs, lettering, numbers and seals.

<http://www.electromark.com/>



Global Transformer Specialists, Inc.— Richards Manufacturing

600A and 900A Dead Front Connectors for 5kV 15kV, and 25kV applications. Advantages—Oil resistant, 161kV BIL, rigorously tested, and Cu available from stock,

Power Quality Products for Industrial Applications: UPS Systems - 1 phase or 3 phase, Voltage Regulators, Line Conditioners, Power Factor Correction.

Visit our website for more information on any of our manufacturers—<http://www.powerreps.com>