



ELECTRICAL POWER PRODUCTS, INC.

Manufacturers Representative

Charlie Gossage Jr.

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* Kerite manufactures 5kV-138kV Power Cable. Millions of feet of Kerite cable have been installed in all types of environment with no known failures due to insulation degradation or weakness. Turnkey installation and field service are available.

Custom designed products or systems (packaged substations, distribution centers, switchgear & relay/control panels). Whether available space, adverse environmental conditions, the blending of new and used components, or an entirely new state-of-the-art system is required, SMC can meet your needs.



Battery Chargers (Utility, Marine, Stand-by Generation, Mining, Railroad, Aviation)
Rectifiers, Battery Eliminators, Power Boards, Power Supplies, DC-DC Converters,
DC Breaker Panels, DC Distribution Panels



Total Power Quality Solutions: Uninterruptible Power Supplies, Power Conditioners, Active Harmonic Filters, Power Factor Correction, Voltage Regulators, Variable Transformers & Test Sets



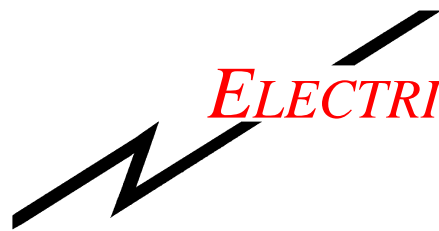
Industry leader in manufacturing pre-engineered
Metal buildings for the utility industry



*Potential Equipment Transformers (PET), Capacitor Blocking Units, Constant Current Regulators
and Capaciformers (PET with a coupling capacitor across the H1 and X1)*

*A Wide Variety of Products Designed to Indicate or Locate
Faults on Electrical Utilities Overhead or
Underground Distribution Circuits*





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ALSTOM
GRID

▶ Circuit Breakers

- Dead Tank – 69 kV up to 550kV, 63kA, 4000A
 - ♦ DT Series & HGF
- Live Tank – 69 kV up to 800kV, 63kA, 4000A
 - ♦ GL Series
- Circuit Switchers – 69 kV up to 550kV, 40kA, 3000A
 - ♦ GL Series

▶ Generator Circuit Breakers

- In A 4000A up to 50000Amps
- Icc 50kA up to 275kA
 - ♦ PKG, FKG1, FKG2

▶ Gas Insulated Switchgear

- F35 69kV, 2KA, 40KA, 3150A Cont.
- B105 up to 300kV, 40kA, 4000A Cont
- T105 up to 362kV, 63kA, 4000A Cont.
- T155 up to 550kV, 63kA, 6300A Cont

▶ Disconnect Switches

- Vertical Break - 72.5 - 800 kV
- Center Break - 72.5 - 550 kV
- VEE Center Break - 72.5 - 145 kV
- Double Side Break - 72.5 - 550 kV
- Semi-Pantograph. - 145 - 800 kV
- Full Pantograph - 123 - 1050 kV
- Knee Type - 245 - 800 kV
- Grounding Switches - 72.5 - 800 kV
- Ground Interrupter Switches -145 - 800 kV

▶ Primary Distribution

- Distribution Circuit Breakers
 - ♦ EOX 15-27kV, 2000A, 150kV BIL
 - ♦ VOX 38kV, 2000A, 200kV BIL
- Distribution Circuit Switcher
 - ♦ Type GL107, 38kV, 25kA up to 2000A SF6
- MV Metal-clad Air Insulated (PIX-A)
 - ♦ 5kV to 27 kV, up to 2500A Vacuum
- MV Gas-Insulated SWGR
 - ♦ WS up to 36kV, 2000 A, 31.5kA, 185KV BIL
 - ♦ WI up to 52 kV, 2500 A, 40 kA(3s)
- Load Break Switches PN-A & TRLF

▶ Power Transformers

- Up to 800kV and 2000 MVA
- Auto Transformers
- GSU Transformers
- Special Transformers
- Series and Shunt Reactors

▶ Instrument Transformers

- HV CT, CVT & Combined (69kV up to 800kV)
- MV Outdoor / Indoor CT, VT, & Combined
 - ♦ (15 - 69kV)
- Low Voltage (600V, BCTs)
- SF6 Insulated Transformers

▶ Air Core Reactors

- Line Traps & Tuners
- SC Current Limiting
- Neutral Ground
- Damping (Inrush)
- TCR (Thyristor Controlled)
- Shunt & Load Balancing
- Filter & Smoothing (Harmonics)
- ARC Furnace

▶ Power Electronics

- HVDC Converter Stations
- FACTS Installations

▶ Automation Products

- Protection (MiCOM & Legacy Relays)
- Measurements (Bitronic Meters)
- Automation Products
 - ♦ PC Brick A200 & I/o Brick C212

▶ Automation Systems

- Market Management Software
- Large SCADA / EMS / DMS Software
- Substation Control Systems (EterraControl)

▶ Automation Support

▶ T&D Services & After Sales Service

- Lifecycle Maintenance
- Spare Parts
- Training
- Network Consulting
- Turnkey Installations

Note: We do not represent Alstom directly to Electric Utilities