

Power Products

Liquid Filled Transformers

| GSU | Unit Substation | Padmount |
|---|---------------------------------------|----------|
| Large Power | 200 MVA - 1000 MVA 230kV - 800kV | |
| Medium Power | 63 MVA - 200 MVA 69kV - 275kV | |
| Small Power | 4 MVA— 63 MVA 480V - 172kV | |
| Padmount | Single & 3 Phase 120V - 36kV, 3MVA | |
| Load Tap Changers & Transformer Service | | |



Dry Type Transformers

Custom Dry Type

Transformers Load Interrupters Reactors

- Substation type up to 10,000kVA VPI
- Cast Coil Transformers
- Padmount Transformers
- Load Interrupter Switches
- Harmonic Mitigating Transformers
- CLASS 1 / DIV 2 Transformers

Industrial Resistors



Power Resistors
Load Bank resistors
(NGR) Neutral Grounding Resistors
Breaking Resistors & Break Modules
High Resistance Grounding (Pulsers)



Instrument Transformers

Liquid Filled & Dry Type

- CT, VT, CCVT, SSVT, CCA
- Metering and Protection
- 600V to 345kV
- ANSI & IEC
- Custom Engineered Designs

Power Circuit Breakers

- Dead Tank SF6
- Generator Circuit Breakers SF6
- R-MAG Vacuum Magnetic 5kV-38kV
- AMVAC Magnetic Actuated Breakers
- 34.5kV Outdoor Vacuum Breakers



Service Group

- Roll in Replacement Breakers
- Remote Racking Systems

Capacitor Banks

- Open Stack Substation Cap Banks
- Metal Enclosed Cap Banks
- LV/MV/HV Power Factor Correction



Switchgear & MCC

Low, Medium & High Voltage

- 5-15kV Metal Clad Switchgear
- 5-15kV Arc Resistant Switchgear
- Medium Voltage MCC
- Low Voltage MCC
- Low Voltage Switchgear
- Gas Insulated Switchgear 38kV-550kV
- REA Arc Detection Relays
- VersaRupter Switchgear

Protection & Packaging

- PDC Power Distribution Center
- Surge Arrestors & Relays

Industrial UPS & Chargers

Chargers and Batteries

- Battery Chargers 12VDC to 240VDC
- Current Capacity 6A to 200A
- Integrated DC Distribution Cabinet
- Microprocessor & Analog Based Control
- Constant Voltage, Current Limited Chargers
- Complete Systems Sold With Batteries



Industrial UPS & Chargers

- Industrial UPS Systems 10 to 220kVA
- DC Supply Systems 25A to 1200A
- Parallel / Redundant Concept
- Batteries From All Manufacturers
- Systems Engineered to Specifications
- Single & Three Phase Outputs

Stored
Energy
Systems



**Authorized Representative
For
Low Voltage Controls, Harmonic Filters
Enclosures & Safety Relays**

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Transformers & Drive Applied Harmonic Filters



Transformers (Dry Type)

- Distribution Transformers Type 3R
- Energy Efficient NEMA TP 1
- Medium Voltage Power Transformers
- Industrial Control Transformers
- Encapsulated Transformers
- Custom Transformers to OEM Specifications



Harmonic Filters & Reactors

- IGBT Active Harmonic Filter, 90/180A
- Passive Harmonic Filters
- Line Reactors for VFD Input & Output
- Component Kits for OEM Panels
- Long lead Filters for VFD

Electrical Enclosures



Non-Metallic Enclosures

- Fiberglass Electrical Enclosures
- Type 1, 3R, 4, 4X, & 6P Construction
- Disconnect Enclosures & Wireway
- Solarguard UV Light Protection Material
- Modifications & Custom Enclosures



Metallic Electrical Enclosures

- Type 1, 3R, 12, 4, & 4X Construction
- Carbon Steel, Stainless & Aluminum
- Wireway & Wiring Troughs
- Specializing in Custom Enclosures

Climate Control & Motors



Thermal Management Products

- Air Conditioners For Enclosures
- Heat Exchangers, Air/Water
- NEMA Type 12, 3R, 4, & 4X
- Filter Fans
- Thermostats, Heaters, & Hygrostats
- Signal Solutions



Specialty Motors

- High Speed motors
- Hoist & Crane Duty Motors
- Elevator Motors
- Partial Motors & Brakes
- Custom Motors to Your Specification

Terminal Blocks, & Power Distribution



Terminal Blocks

- ENTRELEC Terminal Blocks
- Screw Clamp, Spring Clamp, IDC
- Custom Marker Systems
- Jokab Safety
- Safety PLC's



Low Voltage Systems

- Motor Control Centers MCC
- Switchgear & Switchboards
- PDC Packaging
- Service & Replacement Breakers

Low Voltage Control Devices & Softstarts



Circuit Breakers & Disconnects

- Molded Case Circuit Breakers to 3000A
- Thermal Magnetic/Electronic Trip Units
- Power Breakers, to 5000A
- Miniature Circuit Breakers to 63A
- Disconnect Switches Fusible & Non
- 1000VDC Solar Rated Control Components



Contactors & Softstarts

- IEC & NEMA Standards
- Contactors rated up to 5000A
- Combination & Across the Line Starters
- Manual Motor Protectors
- High Voltage Softstarts to 20,000HP
- Medium Voltage Softstarts to 10,000HP
- Low Voltage Softstarts up to 900HP

Power Distribution, Timers, & Motor Control



Low Voltage Power Distribution

- Flexible Copper Laminate Flat Cable
- Ground & Braided Power Shunts
- Custom Fabrication
- Presswelded Power Shunts



Timers & Control

- Motor Saver/Pump Saver Relays
- Phase/Voltage Monitors
- Timers of Every Type & Size
- Custom Timers