



Line Card of Products + Services

The Leading Edge Sales team brings together decades of Electrical Industry experience to represent some of the world's most innovative electrical equipment manufacturers. Our customers include Electric Generation, Transmission and Distribution, Large Industrial, Engineering companies (EPC) and HV Service groups.

leadingedgesales.ca

TRANSFORMERS



AVO Diagnostics Calgary, AB. Lab, is an ISO 17025 certified lab to provide a full suite of transformer dielectric fluid testing (DGA, Oil Quality and more). Their On-line Asset Information Management (AIM) service adds value to their Oil Testing services.



Cargill's FR3 Natural Ester Transformer Fluid is unique for its High Fire point (360°C), Biodegradability and Moisture retention capabilities for improved safety and reduced transformer insulation degradation. Over 3 million transformers worldwide use FR3.



DV Power is a leading manufacturer of Transformer Test Products, including TTR, Winding and Tap Change Analyzers, CT/VT testers, SFRA, and more.



H2O Control manufactures a "Spin-on" transformer air breather moisture filter which helps eliminate or extend the life of Silica Gel breathers. It is a low cost, effective moisture removal system.



Triton specializes in sourcing all types of transformers, new and reconditioned, from their vast network of suppliers. Pole, Pad, Station styles of all Voltages and Power.



Boundary Electric supplies both new and reconditioned Transformers. Specializing in Padmount, Poletop, and Station style transformers from 50 kVA to 10 MVA and Low, Medium and High Voltage Classes.



Delta Star is an Employee-Owned Power Transformer manufacturing company with US and Canadian plants. Station Style, C88 units up to 345 KV and 250 MVA. Mobile Transformers are also a Delta Star specialty.



INCON LTC Tap Changer and Positioning Monitors are popular products used in most Transformers with LTCs. Also from Franklin, The INCON® Distribution Transformer Monitor (DTM).



Megger offers state-of-the-art On-line DGA Gas Monitors for Oil filled Transformers. Megger also offers Transformer maintenance training and failure analysis services.

SWITCHGEAR AND CIRCUIT BREAKERS



Keep your operators well outside of arc flash boundaries with Xtend-A-Rack, a safe and efficient tool for racking circuit breakers. Amidyne developed this tool with adherence to NFPA 70E and CSA Z462 workplace safety standards.



Exiscan manufactures cUL Certified large format IR windows, Inspection Windows and Ultrasonic ports for use in switchgear and other cabinets where inspections are needed.



The inoRAC3 Remote Racking Device helps you eliminate the risk of arc flash injury for your employees by allowing them to remotely operate circuit breakers from outside of the dangerous Arc Flash Boundary. Offering multiple breaker profiles in one unit, with variable torque management to ensure no breaker damage.



Trayer Engineering is a leading Distribution Switchgear Manufacturer. Storm-Hardened, maintenance-free, manual and fully SCADA-controlled options, in 15 kV, 25 kV and 35 kV classes. Dielectric offerings are Gas, (SF6 and Envio-Gas), Oil and Solid Dielectric.



Arcteq's Arc Flash Relays and Arc Quencher products offer a complete solution for arc flash protection. Arcteq focuses on simplicity while maintaining both flexibility and function.



The INCON® Optimizer3 Circuit Breaker Monitor is used for critical circuit breaker condition diagnostics to ensure uptime and facilitate predictive maintenance. Ideal for high-voltage, live or dead-tank, oil, vacuum or gas circuit breakers. Monitor all Breaker characteristics, including SF6.



BRITESPOT is a real-time Fibre-Optic based temperature monitoring system for LV/MV Switchgear, Main Bus compartments, switchboard panels and more. 9 and 18 channel systems.

GRID MONITORING



TESLA 4000 is the leading Digital Fault Recorder (DFR) used by Utilities and Generators. Its integrated Phasor Measurement Unit (PMU) functionality streams synchrophasor data for wide area monitoring. TESLA 4000 is the industry standard in offering Utility compliance with NERC PRC-002.



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The "Lindsey Line Post Sensor" is synonymous with Smart Grid Distribution monitoring solutions. The first choice when utilities need metering-accurate V and A signals from Distribution Voltages for Volt/VAR Optimization (VVO) or Conservation Voltage System (CVS). For Transmission operators, their SMARTLINE product is FERC Order 881 compliant for AAR ratings and forecast system and used in Dynamic Line (DLR) capacity forecasts.

CABLE TERMINATIONS AND LINE HARDWARE



Ensto is a 65-year-old manufacturer offering innovative and reliable, long-lifecycle products for overhead lines, underground networks and network automation for distribution system operators.



Pfisterer is a world leader in HV electrical connections. CONNEX brand MV, HV and EHV cable terminations for Transformers and GIS switchgear. They also offer Outdoor termination solutions and Surge Arrestors, and a wide range of electrical safety products.

METERING PROTECTION AND CONTROL



Arqtec full suite of Advanced Protection Relays for: Bay Control, Busbar, Capacitor Bank, Feeder, Generator, Line, Transformer and Motor Protection.



ERLPhase makes the TESLA4000, the industry leading Digital Fault Recorder (DFR) used by Generation and Transmission utilities. Now, with PMU and IEC 61850 Sampled Values versions.



The PQube 3 is a Class A Power Quality Analyzer. DIN mount, Pole and Wall mount options. Features include: Up to 14 Current Channels • 4MHz HF Transients • 2kHz–150kHz Emissions • Revenue Grade Class 0.2 Accuracy • Class A IEC 61000-4-30 Ed3.



Electro Industries/GaugeTech (EIG) makes electrical metering, sub-metering and Power Quality metering for Utilities and Industries. Their Shark and Nexus Power and Power Quality meters are part of their System-wide energy information infrastructure offerings.

BATTERY TESTING AND MONITORING



DV Power makes a wide variety of Battery Test tools. A battery test verifies their actual SOC (State of Charge) or SOH (State of Health) and prevents unwanted scenarios which could result in a significant budget loss as well as endanger human lives. Testers include: Capacity and Discharge testers, Load Units, Chargers and more.



Get remote access to the information you need to proactively maintain your stationary power systems and avoid costly downtime. The CELLGUARD™ Wired and Wireless Battery Monitoring Systems are suited for applications including power utilities, data centers, telecommunications systems, and DC systems with filtered AC electrical ripple. Become NERC PRC-005 Compliant with CELLGUARD BMS.

PARTIAL DISCHARGE (PD)



EA Technology UltraTEV is the leading on-line, handheld device for testing Switchgear for Partial Discharge (PD). Permanent on-line monitoring is also offered with their Astute HV Monitoring solutions.



PDIX is a world leader of quality instruments and engineering services for Partial Discharge detection and analysis in rotating machines and MV/HV Equipment.

ELECTRICAL TESTING PRODUCTS



EA Technology makes the world's leading on-line, Partial Discharge testing devices for Switchgear and Power Cables. UltraTEV Plus2 for switchgear and the Cable Data Collector (CDC) for 3 phase, on-line cable PD testing. EA Technology also offers Asset Management, Condition Assessment and Forensic Analysis services.



DV Power offers a wide range of Electric system testing products for Circuit Breakers, Transformers, Batteries, Ohmmeters and more.



The extensive Megger product portfolio provides electrical test equipment for an exceptionally wide range of applications at any point of the electricity network. Megger products help you install, improve efficiency, reduce cost and extend the life of your electrical assets.



PDMA Corp. makes the industry-leading On-Line and Off-Line Motor Testing platform. Diagnose motor problems before unplanned failures. Leading Edge rents and sells the PDMA Motor testers.



Phenix Technologies is an industry leader in manufacturing High Voltage, High Current and High Power test systems. A wide range of products for Motor Testing, Hipots up to 500kV, RTS systems, Impulse testers, Rubber Goods testing systems and more.



The Prime Z32 Electrical Test Set is specifically targeted at the testing of electrical outlets in Health Care Facilities as set out in CSA Z32-09 / Z32-15. The test set reduces testing time and offers more detailed test results for improved trend analysis.

POWER QUALITY & HARMONICS MITIGATION



MIRUS International Inc. manufactures harmonic mitigation products. The Lineator™ Passive Harmonic Filter, Inversine™ SineWave filters, and Energy efficient transformers, autotransformers and Data Center power distribution equipment.



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Serving the Western Canadian Market
from our Calgary, AB base.

