

EXPERIENCE THE POWER of AMETEK Power Instruments

AMETEK Power Instruments serves electric power generation and distribution industries with a growing array of advanced, best-in-class instruments and monitoring systems. Power Instruments consists of the companies you have come to know and trust for your power generation, transmission and distribution needs: Rochester Instruments, Scientific Columbus, Panalarm and Pulsar Technologies.

AMETEK Power Instruments is part of AMETEK, Inc., a global manufacturer of electronic instruments and electromechanical devices with annual sales of \$5 billion.

TR-3000 Fault Recorder



With multiple recording modes and continuous transient oscillography, you will never miss a power system anomaly. A 256 GB solid-state drive records high resolution data at longer durations to exceed NERC PRC-002-2 requirements.

DR-300 Fault Recorder



The DR-300 is designed and optimized for the Distributed Energy Resources market with the ability to capture and diagnose power system anomalies in today's inverter-based applications. It comes with a 3U chassis and 24 analog/48 digital channels with a 64 GB solid-state drive. Features can be licensed to the full capacity of the TR-3000.

JEMStar II Revenue Meter



The JEMStar II guarantees the highest accuracy in the market, 0.05%. The easy to use software, advanced communication options and power quality monitoring make it the ideal choice for any metering application.

Power Transducers



A wide range of field proven, high accuracy power conversion transducers for all circuit types, including many input and output selections.

UPLC-II Universal Power Line Carrier



Our UPLC-II is a next generation power line carrier (PLC) where it accommodates every type of pilot relaying and transfer tripping scheme. Features include protective relaying security, reflected power meter with frequency selectivity and a fast Ethernet front port.

TRU Hybrid



Multiple PLC TX/RX units can be combined onto one coax cable without causing interference between transmitters and receivers. Hybrids split PLC signals to go to two or three phases of a power line.

Smart Gap PLC Protective Gap



PLC communication is greatly improved by minimizing the impact of surge induced loss of carrier signals. It is maintenance free and operates faster than traditional Spark Gap solutions by extinguishing surges in less than 0.5 milliseconds to minimize signal loss.

LPA-2 Linear Power Amplifier



LPA-2 is a high power amplifier for power line carrier communications that features a space saving design, improves efficiency for lower heat and offers flexibility to be used with any system.

Annunciators



Award winning Annunciators allow alarms to be viewed locally with standard LED illumination or remotely with a web browser. Installation is simplified with a built-in power supply and software configuration tool.

SER^{NET} Sequence of Events Recorder



Advanced alarm management system that captures critical alarms with 1 millisecond precision. A WEB browser screen displays alarms from several SER^{NET} units for easy viewing of equipment interactions.

Flame Sensors



UV and IR models are designed for the gas turbine and burner/boiler markets that require units to perform under high temperature and vibration. An optional frequency discrimination feature filters out background radiation from hot, glowing boiler walls and interference from neighboring burners or pilots. Interface software is easily programmable and provides real time monitoring of three output relays.

Thermocouples



OEM qualified with hermetic connectors are designed for temperature monitoring on gas turbine applications. High temperature connections include features like captive nut terminals, flying leads, terminal boxes and twist lock connections with customized solutions for your specific needs.

For more than 100 years, AMETEK Switch has designed and manufactured a comprehensive line of high quality DC contactors and solenoids for a wide range of applications including agriculture, ground power, heavy trucks, military, motive power, stationary power, telecom and more.

AMETEK[®]
SWITCH

Solenoids



We offer several metal and plastic case models for 6-72 volt applications requiring economical dependability including forklifts, heavy trucks, construction, agricultural equipment, hydraulic power packs and golf carts. Our customized OEM high-performance designs accommodate a wide variety of loads, connections, mounting and environments including IP67.

DC Contactors



DC contactors from 25-2,500 amps for power switching applications relying on a dependable power source including forklifts, electric vehicles, luxury boats, telecommunication systems, welding, material handling and ground power generation.

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