



**GLOBAL
INDUSTRIAL
PRODUCTS, INC.**

ADVANCED OEM ELECTRONICS

www.globalpower.com

**POWER, MEASUREMENT &
CONTROL SOLUTIONS
ADVANCED TECHNOLOGIES**

COUNT • TIME • PROCESS • LEVEL • RATE • SPEED • SWITCH • SENSE • MOTION • POWER
• ENERGY • DISPLAY • POSITION • PRESSURE • CONVERSION • TEMPERATURE



1-800-951-8774



GLOBAL INDUSTRIAL PRODUCTS, INC.

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Established in 1996, **Global Industrial Products, Inc.** is a specialized supplier, a manufacturing sales and a systems integrator of OEM components & controls as well as a complete system solutions provider. We offer a variety of quality Industrial Instrumentation & Control products .

Global Industrial Products is a key supplier of specialized components for mobile and stationary power-related equipment. We supply parts to a wide range of industries including Industrial, Transportation, Telecommunication, Energy, Automation, Monitoring, Medical, Construction Machinery, Slot and Amusement Games, and Engine and Battery-Powered Vehicles & Equipment.

Global is an authorized supplier of Military specified products to the US Department of Defense and other US Government contractors. We are registered members of the Central Contractor Registration, cage code 1UCT5.

Our products encompass high industry standards and state-of-the-art proven technology. Being highly competitive, our products are made by high quality (ISO 9001/9002Certified) factories worldwide and include premier industrial manufacturers. Our brands **Albright, Canadian Shunt, Curtis, Hoyt, Kübler, World Magnetics** are worldwide industry leaders. By offering advanced technologies, technical know-how, on-time delivery (local stock parts), system integration and superior service, Global is a valued source of electronic, electro-mechanical, and mechanical components & systems to many OEMs and distributors alike.

Additional Products and Services Available Exclusively through Global Industrial Products:

PRODUCTS:

- Hand, Desk, and Bank Tallies
- Mechanical & Electronic Totalizers / Counters
- Military Qualified Parts
- Meters
- Relays
- LCD & LED Display Modules
- High Voltage/Current Contactors
Industrial, 100-6000 Amps
Traction, 80A-2500 Amps
- Power/Battery Connectors, 50A-350A / 600V
- Sensors

SERVICES :

- Product Engineering and Technical Support
- Component & System Application Support
- Military Qualified Parts and Authorized Supplier
- Motor Controller Services and Repairs
- Part Testing, Service and Repairs
- Industrial Product Sales and Distribution
- Warehousing
- KANBAN/JIT Procurement

ENGINEERING AND PRODUCTION:

- Software Programming and Micro-Based OEM Products
- Custom Electronic Design and Production
- Authorized enGage™ Production Facility
- ISO Certified Mfr Products
- Custom Vehicle Motor Control Panels



High Voltage Contactors



enGage™ Production



Full Range of Standard and Custom Hand Tally Counters



Founded in 1946, **Albright International** has become the most popular and extensively used DC contactor manufacturer throughout the world. Original design has resulted in products which are compact and space efficient without compromise of performance. Only the best quality materials are used throughout.

Thermosetting contact housings (no thermoplastics here), silver alloy contact tips, substantial copper conductors, Class H insulation for coils, self lubricating armature bearings, and similar high quality components, are just some of the features which have helped to establish Albright as the number one DC contactor supplier with manufacturers of electric vehicles, telecommunications, welding machines, railway equipment, marine and industrial products.

In addition to contactors, a range of manually operated battery disconnecting switches are also available. Albright International is an ISO 9001 certified manufacturer.

DC CONTACTORS:

- Wide Range of Heavy-Duty DC Contactors Ranging 80 - 2000 Amps
- Miniature PCB Mount DC Contactor/Relays, up to 80 Amps
- Magnetically Latching DC Contactors
- Forward/Reverse Integrated Motor Relays
- Custom Tailored DC Contactor Solutions

IGNITION/STARTER POWER RELAYS

MANUAL DISCONNECT SWITCHES:

- Emergency and Battery Disconnect Switches
- Combined Manual Emergency and Line Contactors
- 125 to 1200 Amp

COIL CONTROL MODULES:

- Coil Chopper Modules
- Coil Control Module for Magnetically Latching

MOTOR TIME DELAY RELAYS



PC60 80 Amp Contactor
PCB Mount

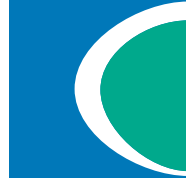
Bus Bar Contactors
150 - 1800 Amp

SW60 80 Amp
Contactor/Power Ignition Relay

SW80A 100/125 Amp Contactor

SW200A 250/400 Amp

Emergency Disconnects
ED125



CURTIS

Curtis started up in 1960 in Mt. Kisco, 40 miles north of New York City. The first Curtis products were electrochemical elapsed time indicators (ETIs). Their accuracy, reliability and ultra-low power consumption quickly made them the choice for recording use-time of diverse equipment. NASA built these Curtis ETIs into every major electronic system of Lunar Landing Modules, starting with the first moon landing in 1969.

Continued use of these early ETIs confirms their engineering excellence. Years of research and development led to creation in 1988 of solid-state ETIs and counters with unprecedented reliability for rugged military applications. Curtis then adapted its technology to create the first solid-state hour meters and counters for commercial applications.

In 1963 Curtis pioneered gages to monitor the state-of-charge, the "fuel" level, of vehicle traction batteries. Astronauts exploring the moon in Lunar Roving Vehicles in 1971-1972 relied on early Curtis gages. The moon thus was a proving ground for forerunners of Curtis gages that now enhance electric vehicles in warehouses, factories and mines, on golf courses, mobility aids for the handicapped and on-street and off-road vehicles. Since 1975, when it introduced the first solid-state battery "fuel" gage with circuitry to prevent deep discharge, Curtis has been the No. 1 world source of instrumentation for electric vehicles.

Curtis widened its role in electric-vehicle efficiency in 1985 when PMC Energy Systems became the Curtis PMC division. Curtis pioneered the use of power MOSFET technology in motor controllers for superior drive control and energy savings. Curtis PMC™ controllers in use throughout the world include programmable models which

generate plain-language displays of tests and diagnostics. Curtis Instruments, known for "Innovation and Excellence", is a leading manufacturer of electric vehicle instrumentation and controls worldwide and ISO 9001 certified.

INSTRUMENTATION

- enGage™ Programmable Gauges and Panels w/optional CANOpen & SAE J1939 interfaces
- Battery Discharge Indicators
- Maintenance Monitors
- LCD Hour Meters
- Electro-Chemical Elapsed Time Indicators
- Solid-State Commercial and MIL Timing and Counting Devices

MOTOR SPEED CONTROLLERS

- AC Motor
- SepEx Motor
- Permanent Magnet Motor
- Series Wound
- Programming and Systems Control
- VCL, Vehicle Control Language and CAN

POWER CONVERSION PRODUCTS

- DC to DC Converters
- Battery Chargers, High Frequency Switch Mode

VEHICLE ACCESSORIES AND INPUT DEVICES

- Warning Devices
- Beacons and Backup Alarms
- Foot Pedals
- Electronic Throttles
- Pot Assemblies
- Tiller Heads
- Fuel, pressure, temperature senders and switches

TOTAL VEHICLE COMPONENT AND SYSTEM SOLUTIONS





Hoyt family members have manufactured metering products since 1890 and have owned and actively operated the business since 1904, designing and manufacturing panel meters that meet and exceed industry standards.

The wide variety of analog and digital panel meters reflects Hoyt's future commitment to the needs and demands of our customers. Special ranges, dials, and cases are Hoyt's specialty with in house tooling and manufacturing capabilities to meet your most demanding requirements. Personal pride and uncommon commitment to tradition, quality, and reputation are reflected in every meter that leaves the modern 30,000 square foot facility in Penacook, New Hampshire.

Hoyt carries a complete line of AC and DC panel & switchboard meters including volt meters, ammeters, frequency meters, phase angle, VU meters, 250 degree meters, moving magnet indicators, digital panel meters and a wide variety of multimeter testers. New products include digital and analog combination meters and Hoyt's exclusive ELumination™ panel meter back-lighting kit.

Hoyt has a wide selection of UL recognized panel meters for harsh environment use along with the largest selection of metal case meters in the industry.

ANALOG PANEL METERS

- DIN & Switchboard
- Illuminated
- Wide selection of custom meters

DIGITAL PANEL METERS

- Digital Analog Combination Panel
- Standard and custom models

POWER TRANSDUCERS

TRANSFORMERS

POWER MONITORS AND

CONTROLS

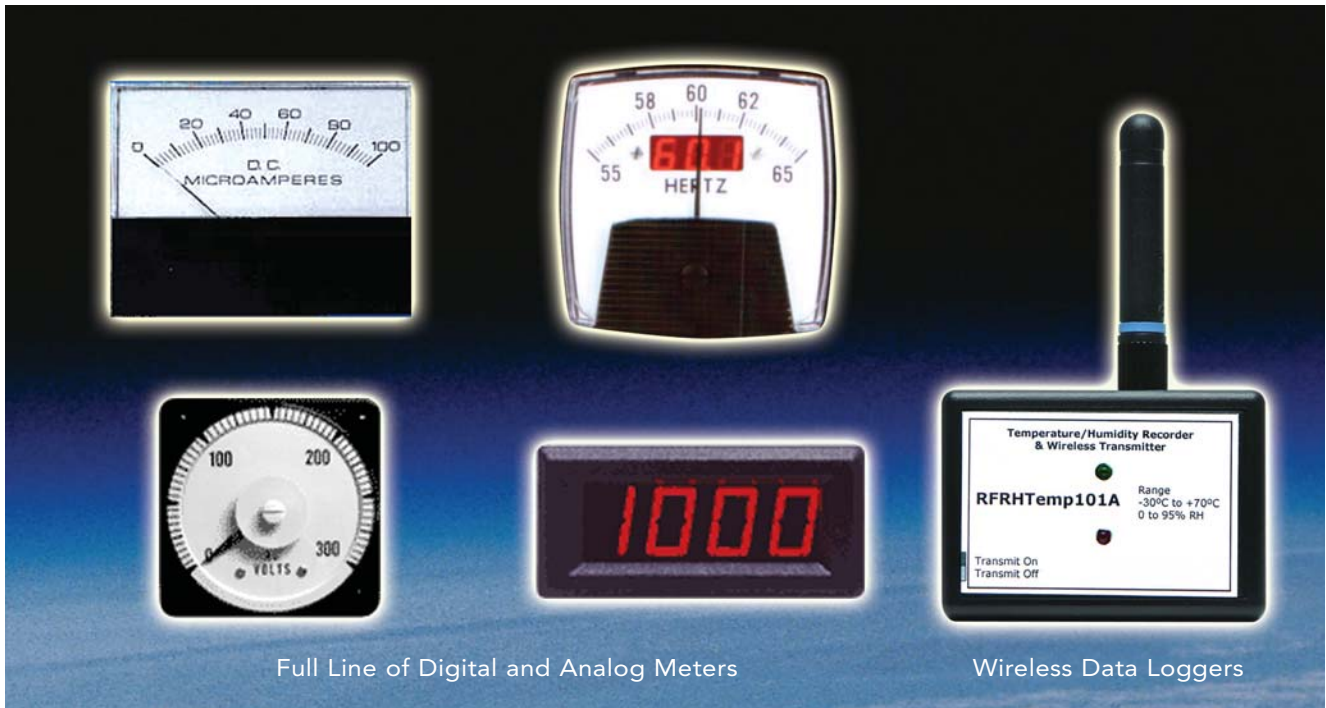
DATA LOGGERS

PYROMETERS/EGT GAUGES

TEMPERATURE CONTROLLERS

DIN RELAYS AND TIMERS

TEST EQUIPMENT



Full Line of Digital and Analog Meters

Wireless Data Loggers



Kübler

Since 1960 the Fritz Kübler GmbH name has stood for wide-ranging expertise in the field of sensors, counters and process technology. Although mainly recognized outside the USA, the Kübler advance engineered and high quality manufacturing have made the Kübler name a premier brand name worldwide. Kübler offers a wide range of electro-mechanical and electronic counting and process display devices. Global is the authorized USA agent for Kübler brand display products including all counting and process technology. Kübler is an ISO9001 certified manufacturer.

COUNTING TECHNOLOGY

Offering a wide and diverse variety of electro-mechanical counters and hour meters, make these ideal for use as time/pulse counters for pumps, elevators, dryers, UV lamps, compressors, etc. A special area of expertise is in miniature counters for PCB mounting (e.g., for kWh meters). Simple to operate preset counters facilitate distributed control with reduced cycle times. The CODIX series sets new standards for functional, inexpensive electronic display counters, position indicators, timers and rate indicators.

Counters/Totalizers

- Electronic
- Electromechanical
- Pneumatic

Preset Counters

- Electronic
- Electromechanical

Timers – Industrial Automation

- Electronic
- Electromechanical

Tachometers/Frequency Meters

Electronic Time Relays

PROCESS TECHNOLOGY

User-friendly, compact and functionally well designed throughout, the CODIX process displays and controllers are suitable for all linear and non-linear analog signals. CODIX temperature displays and controllers offer a further choice of product applications. These devices lend themselves either to mounting in a panel or on a DIN-rail.

- Process Displays & Controllers
- Digital Display Monitors
- Temperature Indicators & Controllers
- Operating Data Display

■■■ pulses for automation



NEW CATALOG



**CANADIAN
SHUNT
INDUSTRIES**

Canadian Shunt Industries Ltd was founded in 1972, and has become a global leader in designing, manufacturing and supplying the world with the largest selection of DC Ammeter Shunts. With a range from 1 Ampere to 50,000 Ampere. They also design Shunts to meet your specific needs and applications. This product line includes Telecom Power - Fused Disconnects ranging from 3 to 1200 Ampere and Knife Switches - Isolation type ranging from 30 Ampere to 15,000 Ampere.

CSI works under NISC - NRC standards and safety agency approvals UL and CSA where applicable. CSI products are used in Telecommunication Power plants, Diesel Electric Locomotives, AC or DC Drive Systems, Electric Vehicles, Metal Finishing Equipment, Battery Chargers and DC Power Supplies.

DC SHUNTS

- Worlds Largest Selection of DC Ammeter Shunts
1 Amp to 50,000 Amps, 50mV and 100mV
- PCB, Switchboard, Base, Heat Sink, Bus Bar Mounts
- Custom Shunt Solutions

KNIFE SWITCHES

- Isolation Knife Switches
- 30Amp to 15000Amp

FUSED DISCONNECTS

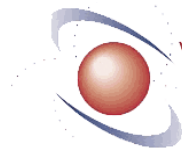
- Telecom Power Fused Disconnects
- 3 Amp to 1200 Amp



High Performance Shunts

Telecom Fuse Disconnects

Std. Shunts rated 5 - 50,000 Amp



WORLD MAGNETICS

Quick Response...Reliable Solutions

Sold for nearly 40 years under the World Magnetics corporate name, the DesignFlex™ brand name is now used to more clearly suggest the options and customization capabilities available to you.

DesignFlex™ pressure switches and vacuum switches are designed for demanding OEM applications, ranging from sip and puff communication systems for the handicapped to arc fault detection aboard the Trident submarine.

These electromechanical switches are miniature in size, lightweight, and low in cost relative to competitive pressure sensors that are often used to accomplish the same purpose. At rated load, you can expect a fast, repeatable response for millions of cycles!

ULTRA SENSITIVE SWITCHES

- Vacuum
- Pressure
- Differential
- Double Diaphragm/Contacts for High Shock & Vibration Resistance

GOLDTECH SWITCHES

- HVAC



PSF105 Series

PSF109S Series

OEM COMPONENT SALES & SUPPLY:

ALBRIGHT * CANADIAN SHUNT * CURTIS INSTRUMENTS * CURTIS PMC * ENGAGESTM*
HOYT ELECTRICAL WORKS * KUBLER * PYRO SERIES GAUGES * WORLD MAGNETICS *

- Battery Chargers
- Battery Connectors
- Battery Discharge Indicators
- Contactors & Relays
- Counters & Cyclometers
- Data Loggers
- DC/DC Converters
- DC & AC Motor Speed Controllers
- DC Shunts
- Digital Tachometers
- Electrical Vehicle Instrumentation & Controls
- Energy Metering Display Registers and kWh Display Modules
- Engine Gauges & Dash Panels
- Fuse Disconnects
- Hand, Desk, and Bank Tally Counters
- Hour Meters/ Elapsed Time Indicators
- Industrial Instrumentation & Controls
- LED/LCD Displays & PCB Modules
- Level Senders & Switches (e.g., Fuel, Oil, Water)
- Message Displays
- Meters: Analog, Digital, Level, Process, Rate, Counting, Timing, kWh and Gaming
- Multi-Function Power Transducers
- OEM Custom Electronic Products
- Pressure Switches
- Process/Automation Indicators and Controls
- Pyro EGT Series Gauges
- Temperature Displays & Controllers
- Vehicle & Power Equipment Instrumentation & Controls
- Voltage/Current Transformers & Transducers



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3338 West Lake Ave, Glenview, IL 60026

Toll-free: (800)951-8774, Telephone: (847)901-4040, Fax: (847)901-4036
sales@globalepower.com, www.globalepower.com