



DYNAMIC
Measurement & Control Solutions, LLC



**INDEPENDENT MANUFACTURERS
REPRESENTATIVE OFFERING BEST IN CLASS
SALES AND ENGINEERING SUPPORT. WE REPRESENT
MANUFACTURERS OF ELECTRICAL COMPONENTS,
INDUSTRIAL CONTROLS & ELECTRO-MECHANICAL DEVICES**

WHO WE ARE

Dynamic Measurement & Control Solutions is a professional sales organization. We are a group of product experts looking to solve unique and challenging applications by providing guidance through the electrical component marketplace. We continually evaluate the brands we represent in order to expand our capabilities and surpass customer expectations. With over 40 years of experience, we have numerous resources and possess deep knowledge of the electrical component market to make your job easier. The success and growth for the future of our business is tied directly to the success of our customers. Dynamic is committed to providing our clients with innovative, value-driven solutions to their problems.

Operating out of Northern California, we are proud to work with a variety of industries including, transportation, manufacturing, and industrial machine designers and OEM's.

WHAT WE DO



ENGINEERING DESIGN AND SUPPORT



POWER CIRCUIT



CONTROL AND COMMUNICATIONS



ELECTRO-MECHANICAL



 408-780-9190

 sales@dynamicrep.com

 www.dynamicrep.com

PRODUCT LIST

► ENCLOSURES AND CONTROL PANEL HARDWARE

- Climate Control
- Din Rail
- Enclosures
- Equipment and Component Labels
- Fans
- Mounting Hardware
- Venting
- Wire & Cable Entries



► ELECTRICAL CONTROL AND MEASUREMENT

- Battery Chargers
- Buffer Modules
- Contactors
- Current & Voltage Transducers
- Filters (EMI, Harmonics, dv/dt, Sinewave)
- Fuses & Circuit Breakers (eBreakers)
- Ground Fault Sensors
- Inverters
- Line Reactors
- PDU
- Power Supplies (AC/DC, DC/DC, DC/AC)
- Transformers
- UPS Systems
- VFD (Frequency Converter)



► INDUSTRIAL COMMUNICATIONS AND SIGNAL CONDITIONING

- Cellular Routers and Wireless
- Controllers and Industrial PC's
- Displays & Touch Screens
- Ethernet I/O
- HMI & Keyboards
- Loop & Process Signals
- Media Converters
- Network Switches and Ethernet Gateways
- Remote I/O
- Temperature Controller



► SENSORS AND TRANSDUCERS

- Capacitive
- Inductive
- Machine Safety (coded magnetic sensors)
- Magnetic Proximity Sensors
- Mercury Tilt Switches
- Photoelectric
- Reed Relays (Reed Switch)
- RFID
- Ultrasonic



► SWITCHES AND RELAYS

- Cam Switches
- Capacitive Switches
- Contactors
- Disconnect Switches
- E-stops
- Limit Switches
- Optical Switches (Non-Contact)
- Pushbuttons
- Relays



► TERMINALS AND CONNECTORS

- Barrier Strips (euro strip)
- Connectors
- Power Tapping Blocks
- Terminal Blocks
- Wire Termination



► WIRE AND CABLE MANAGEMENT

- Cable Assemblies and Power Whips
- Cable Bridges
- Cable Glands & Cord Grips
- Conduit & Cable Tray
- Electrical Raceway & Wire Duct
- Fiber Optic Cables
- Network Cables (Structured Cabling)
- Wire Tray (Basket Tray)



Don't see what you need?

We have many great partners and would be happy to make a recommendation to a reliable source if we don't have what you need.

Dynamic serves the OEM manufacturing and industrial control industry, we help Electrical, Mechanical and Design Engineers with reliable electrical components. Always on the cutting-edge of the electrical component industry, we are also well-versed in advances in IIoT, Data, Ethernet and Cloud applications.

MANUFACTURERS



www.block.eu

AC Power Quality Components with Worldwide Approvals. Manufacturer of Transformers, Power Supplies, Circuit Breakers, Reactors, and EMI Filters.

- **AC Power Quality (Voltage, Frequency, Waveform)**

- Transformer
- Line Reactor
- Motor Reactor
- De-tuned Reactor
- Filters
 - EMI Filter
 - Harmonic Filter
 - dv/dt Filter
 - Sine Filter

- **AC/DC Power Supplies**

- Linear Power Supply
- Switching Power Supply
- Din Rail Mount Power Supply

- **UPS System**

- Energy Storage & Din Rail Batteries

- **Redundancy Modules**

- **Buffer Modules**

- **Electronic Circuit Breakers**



www.brainboxes.com

Remote Data, Ethernet, and I/O Connectivity Devices for Industrial Communications and Monitoring.

- **Industrial Edge Controller**

- Raspberry Pi Edge Computer

- **Network Gateways**

- Analog, Digital, Serial, Relay, Temperature

- **Industrial Ethernet Switches**

- Fast Ethernet, Gigabit, PoE
- Embedded, Light Industrial, Industrial, Case Hardened
- 4, 5, & 8 port models available

- **Remote I/O**

- Analog, Digital, Temperature (RTD & Thermocouple)

- **Ethernet to Serial Converters**

- Send Serial Data over the Network
- PoE, DB9, & Industrial



[408-780-9190](tel:408-780-9190)

sales@dynamicrep.com

www.dynamicrep.com



www.celduc.com

Experts in Solid State Relays and Magnetic Sensors for Industrial Applications.

• PCB SSR Relays

- 2A to 30A PCB Relays

• Solid State Relays

- Single Phase SSR

- Traditional 45mm "hockey puck" package
- 22.5mm pitch packages, including "ready-to-use" versions with heatsinks
- Phase Angle Controllers
- SOD & SILD SSRs with diagnostic features

- Two-phase SSR

- Two solid state relays in a standard compact 45mm enclosure.

- Three-phase SSR

- SHT (PCB package) & SGT 2nd Gen, 3-phase AC solid state relay
- SGB and SMB ranges: 2-leg three-phase SSRs

- Four-leg SSR

- four solid state relays in a compact standard 45mm enclosure

- Three-phase contactors

- "Ready-to-Use" versions with heatsinks

• DC Solid State Relays

- Complete range of solid-state relays up to 1700Vdc, 0 to 150A for DC applications

• Motor Control

- Solid State Contactors for motors, soft starters, and motor reversers

SIL 1
PL = C



SIL 1 / 2 / 3
PL = C / D / E



→ SAFETY MODULE ADAPTED

SIL 2 / 3
PL = D / E



• Temperature Control

- Current Monitor and Communication Interface in one unit

• Reed Relays & Switches

- Available in a plastic, brass, or stainless-steel housing, making it possible to use them with various chemical substances and/or operating temperatures.

• Magnetic Proximity Sensors

- Used for monitoring or controlling levels, clearance, movement, position, and rpm

- Level and Flow Sensors

- Screw Position Sensors

- Tubular Position Sensors (M8, M10, M12)

- ATEX sensors

• Safety Sensors

- coded magnetic technology and an integrated safety module

• High Voltage Relay



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www.dynamicrep.com



www.conta-clip.com

Manufacturer of DIN Rail Terminal Blocks, Relays, and Cable Entry Systems.

• **Din Rail Terminal Blocks**

- Screw Terminal
- Spring Cage
- Push-In
- Stud Connections

• **Electrical and Electronic Cabinet Components**

- Cellular Communications Module
- Signal Conditioning
- Relays

• **Cable Management**

- Cable Entry Systems
- Multi-Entry Rectangular Wire Frames

• **Marking and Component Identification systems**



www.ensto.com

Development and Manufacturing of Non-Metallic Enclosures and Electrical System Components.

• **Non-Metallic Enclosures**

• **Fiberglass Enclosures**

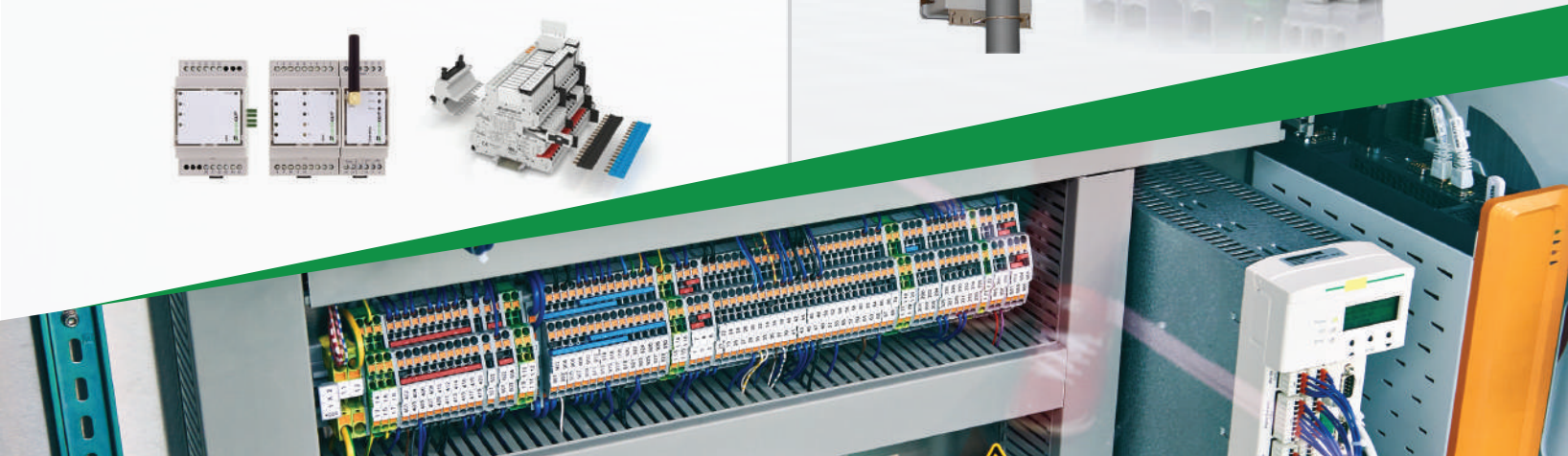
• **Polycarbonate and ABS Enclosures**

• **Pole Mounts**

• **Enclosure Accessories**

• **Terminal Blocks**

- Point to Point Terminals up to 425A
- High Voltage Terminal Blocks
- Power Tapping Blocks, 1 pole, 4 connections
- EuroStrip - Insulated Barrier Strip Terminal



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www.dynamicrep.com



www.metz-connect.com

Industrial Data and Ethernet Connectivity for Automation and Building Technology. Connectors, Patch Cables, and Accessories for all Common Fieldbuses and Networks. Standard Cat6A Facility Wiring, Fiber Optic Systems, I/O for BACnet, Modbus, LON works, and other Building Networks.

- **Data Communications in Harsh Environments**

- Industrial Connectors

- M12 Connectors and Cables (A-Code, D-Code, X-Code)

- **Structured Cabling Solutions for Networks**

- Plugs and Jacks for Network Cabling
 - Patch Panels
 - Fiber Optic Distributors and Housings
 - Consolidation Point (CP) | Service Concentration Point (SCP) | Service Outlet (SO)

- **Intelligent Control Components for Building Automation**

- I/O Components
 - Ethernet (TCP/IP, BACnet/IP and Modbus TCP), Modbus RTU, BACnet MS/TP, LON F/T, CAN

- **Energy Controlling**

- Data Logger for energy data acquisition of M-Bus, S0 impulse and Modbus RTU meters
 - S0/M and T/M converter for converting physical variables such as temperature and S0 pulses into M-Bus telegrams

- **Measuring and Monitoring Relays**
- **Timer Relays**
- **Industrial Relays**
- **Electromechanical Coupling Modules**
- **Coupling Modules Semiconductor**
- **Analog Data Encoder**
- **Potential Distributor**
- **Threshold Control Relay**
- **Motor Control Relay**
- **Potential Separator (Isolated Signal Converter)**
- **AD/DA Converter**
- **Pulse Shape Signal Extender**
- **Annunciator Modules**
- **Diode Modules**



☎ 408-780-9190

✉ sales@dynamicrep.com

🌐 www.dynamicrep.com



www.pflitsch.de

Industrial Cable Management - Sealing, Routing and Protection of Cables. Cable Glands, Cable Tray/Trunking, and Cable Protection.

• Cable Glands

- Split Cable Glands
- Custom Cable Gland Development
- EMC Cable Glands
- EX Cable Glands
- Fire Protection Cable Glands
- Hygienic Cable Glands
- Hose Cable Glands
- Elbows and Flanges

• Metal Cable Trays

- Enclosed Cable Tray
 - Industrial - The ideal solution for safely routing large volumes of cables over long distances in, on and around machines. Many accessory fittings allow you to create highly individual layouts.

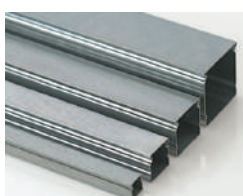
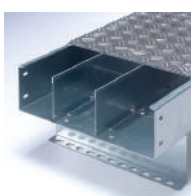
- VARIOX - perfect for standard applications. It consists of just a small number of system components for the quick, flexible, and inexpensive tray layouts.
- PIK - the best solution for safely routing a small number of cables down to the lowest installation level or when space is at a premium.

◦ Open Cable Tray (Basket Tray)

- Mesh Wire Tray - Open wire tray is easy to clean, provides adequate ventilation and is extremely corrosion-resistant. It is ideal for use in the food and pharmaceutical industries.

◦ Walkable Cable Tray

- Automobile - Sturdy floor tray that is safe to walk on is the best solution for production lines and manufacturing plants. With slip resistance class R10 and footfall loading above 250lbs, it meets the highest demands.



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🌐 www.dynamicrep.com



Premium
Powering Your Challenge

www.premiumpsu.com

Specialists in Design and Manufacturing of Power Conversion Systems for the Industrial Market. Product Range Includes High Reliability Power Supplies from 50W to 60kW.

• DC/DC Converters

- DC/DC converters range from 60W to 2KW and can go up to 25KW for custom designs

• DC/AC High-Density Inverters

- Our standard single-phase and three-phase inverters have a wide range of input-output combinations, ranging from 260VA to 24kVA, custom up to 40kVA with 94% efficiency

• AC/DC UPS

- 500W DC UPS – Guaranteed power during unexpected AC outage

• AC/DC Battery Chargers

- AC/DC uninterrupted power supply systems that cover output power from 100W to 500W

• AC/DC Custom Power Supplies

- High Reliability Power Supplies from 50W to 60kW

• AC/AC Frequency Converters - VFD

- Control and Regulate the AC Rotational Motor Speed and Torque by Varying Motor Input Frequency.

• AC/DC Bi-directional Converters



www.schaltbau.com

Develops and Manufactures High-Reliability DC Contactors, Connectors and Snap-Action Switches. Products for High End Applications such as Railway, EV, UPS, Data Centers, and Industrial Markets.

• Contactors

- Magnetic Field Driven Arc Blowout, Designed for High Voltage Applications 1kV up to 3kV DC/AC
 - Battery Contactors
 - 1500V Contactors (AC/DC)
 - 3000V Contactors (2000A)
 - DC and Power Contactors

• Connectors (Heavy Duty)

- Circular
- DC Power and Charging Connectors
- Specialty Spring Loaded Connectors (Gold)

• Snap Action Switches

- Positive Opening Normally Closed Contacts for Guaranteed Safety

• Railway Components and Controls

- Master Controllers, Keylocks and Dead-Man Switches, Electronic Buzzers, Toggle Switches, Footrests, Emergency Brake Handles, Flat Battery Power Supplies, and Heaters



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GETT.AMERICA

www.gett-na.com

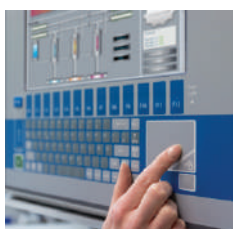
Human Machine Interfaces, Touch Panels, Keyboards, Capacitive, and Optical Switches for Industrial Applications.

• Human Machine Interface

- Custom HMI Development
- Touchscreens

• Keyboards

- Glass Keyboards
- Silicone Keyboards
- Plastic Keyboards
- Waterproof keyboards
- Washable Keyboards
- Stainless Steel Keyboards



• Optical Switches

• Capacitive Switches

• Capacitive Components and Subassemblies

• Front Panels and Housings

• Glass Printing



WALTHER-WERKE

FORTSCHRITT SEIT 1897

www.waltherelectric.com

Manufacturer of IEC 60309 Plugs and Receptacles, Mechanical Interlocks, Heavy Duty Rectangular Connectors, Portable Power Distribution Systems, and UL Power Cable Assemblies and Harnesses.

• Manual Disconnect Switches

- Manual Disconnect Switches in 30, 60 and 100 Amp

• IEC 60309 - Pin and Sleeve Connectors and Receptacles

- 3, 4, & 5 Wire Configurations in "Splash-Proof" (IP 44) and "Watertight" (IP 67)

• Mechanically Interlocked Receptacles

- Combine a Disconnect Switch and a Receptacle into one Compact Device

• Heavy Duty Rectangular Connectors

- Industrial Connectors made up of Locking Housing, Insert, Base, and Grommet. Available in Aluminum, Zinc and Plastic.

• Portable Power Distributors (Pagoda Box PDU)

- Standard and Custom Built PDU's Integrate a Variety of Receptacles into one Electrical Enclosure

• Cable Bridges

- Cable Raceway or Cable Bridge is an Enclosed Conduit that Forms a Physical Pathway for Electrical Wiring. Cable Raceways Protect Wires and Cables from Heat, Humidity, Corrosion, Water Intrusion and Mechanical Stress.

• Cable Assemblies and Power Cords

- Manufacturer of Rugged Cable Assemblies and Wiring Harnesses with Industrial Connectors for Power Applications. UL Approved, Properly Labeled, and 100% tested IEC, NEMA, CS, CAMLOK



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Dynamic is a professional manufacturer's representative that understands the sales and engineering cycles of industrial manufacturing. Our Manufacturers are recognized by the very best quality products, having the latest technology, and being competitive in the market. Dynamic believes in creating long-lasting partnerships built on trust and performance.

EXPERTISE

Selecting components can be quite a daunting task it is hard to get it right the first time and it can always be improved upon. Everyone is looking for the ideal part to do the job, but have they taken into consideration:

- Is it cost effective, viable, and available?
- How will the product need to perform over its lifetime vs. your products expected life?
- Does it fit mechanically or within the scope of the design?
- Does it allow for future expansion?
- Is it design critical or speculative? Are we overthinking and wasting time?
- Does it have minimum orders that are not achievable for us?
- When will it become EOL? Product Obsolescence
- Does it have the proper Agency Approvals?

HOW WE HELP

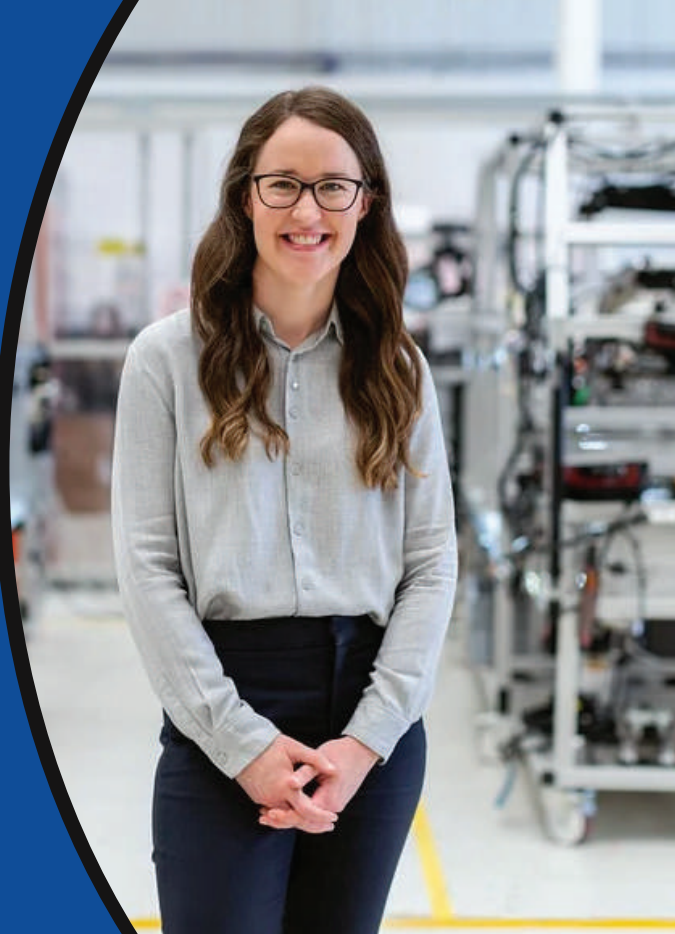
We get stuff done! Dynamic can help you solve critical component supply situations by working closely with our manufacturers and leveraging their manufacturing processes. Our manufacturers have tooling, we know what they have, we know what they make and how they make it.

- System Development, Technical Knowledge, and Experience
- We Know our Suppliers Well and Exactly Who to Talk Too
- Minimize Supply Chain Issues
- Mitigate Long Lead Times
- Make you Aware of Product Changes and Discontinuations
- Keep an Eye Out for Raw Material Shortages
- Be on Your Side When There is an Emergency
- Provide you with Alternate Products
- After Implementation Service and Support



WHY CHOOSE US

- Technical Knowledge, Experience, and Advice
- We Stay Up to Date on New Product Developments and Sourcing Trends
- Fewer problems with Manufacturing, Shortages, and Failures
- Exclusive Alliances with Top Manufacturers
- Technology Identification, Evaluation, and Consultation
- Innovative, Value-Driven Solutions for your Project
- Implementation and Installation Assistance
- Product Training and Support after Implementation
- Hardworking, Reliable, and Trustworthy



WHO CHOOSES US

MACHINE BUILDERS

- Semiconductor Tooling
- Pharmaceutical and Biotech
- Packaging and Inspection Equipment
- Water and Wastewater
- Food Processing Equipment
- Lighting and HVAC Controls
- Control System Integrators
- Engineering Firms

CONTROL PANELS AND POWER DISTRIBUTION

- Power Generation / Transmission / Distribution
- Switchgear
- Data Centers
- Alternative Energy; Solar, Wind and Hydro Power
- Energy Storage
- Motor Control Panels
- Drive and VFD Control Panels

TRANSPORTATION

- Light Rail Trains
- Commuter Trains
- High-Speed Rail and Heavy Rail
- Wayside Equipment, Switching, Signaling and Interlocks
- Traction Power Substations
- Electric Vehicles, eBus and Off-Highway Vehicles
- EV Infrastructure

PROCESS AND FACTORY AUTOMATION

- Building Materials
- Metals and Mills
- Automotive
- Consumer Goods
- Chemical and Oil





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CONTACT US



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