



ELECTRICAL
AUTOMATION
SOLUTIONS



Electrical Automation Solutions

Core and innovative products and services designed and engineered for Electrical Automation Solutions.

OVERVIEW

BDI partners with manufacturing companies around the world to provide a full offering of electrical automation solutions. We offer a comprehensive line of efficient motors, industrial controls, drives, power products, and related electrical components that meet or exceed NEMA, IEC, and other industry standards.

Cost Management ▶ Focus on Energy Efficiency & Quality Products

- High Efficiency Motors
- Soft Starts and Variable Speed Drives
- Reliable Controls & Automation Components
- LED Lighting Solutions
- Machine Safety Solutions



24-HOUR RUSH SERVICE



Whether provided by your local BDI branch location or by BDI's Distribution Center, we are available 24 hours a day to keep your operation running in emergency situations.



NEMA and IEC Motors

We offer NEMA and IEC (metric) motors from fractional to 750 HP. IEC motors are increasingly popular due to growth in machinery import and export activity. Siemens, Baldor, WEG, Mini Motor, Marathon, Leeson, and more.



Geared Motors

AC Induction and Servo Geared Motors with helical, parallel shaft, helical bevel and worm gear units. For applications requiring a particularly compact and decentralized solution, BDI offers geared motors with integrated frequency inverter. Siemens, Simogear, Mini Motor, SEW, Bison, and more.



Motor Controls and Drives

Basic and high performance drives and soft starts for efficient control of AC motors supporting many applications: extruders, mills, crushers, winders, conveyors, hoists, pumps and fans. We also offer across-the-line starters and ancillary components for circuit/motor protection, operator interface and power distribution. Siemens, WEG, Lenze, Hitachi, Leeson, Fuji, and more.

Supplier Partners





Control Products

- Combination Starters
- Motor Starter Protectors
- Overload Relays
- Contactors
- Function & Control Relays
- Pushbuttons & Selector Switches
- Safety Switches & Relays



Cable Management

- Connectors & Cordsets
- Cable Assemblies
- Cable Carriers
- Cable Entry Systems
- Wire & Cable Identification
- Terminal Blocks
- Wire Duct & Cable Tray



Power Products

- Power Supplies
- Transformers
- Line Filters/Reactors
- Circuit Breakers
- Disconnect Switches
- Distribution Switchboards



Drives

- Variable Speed Drives
- Soft Starts
- Servo Drives
- DC Drives
- Enclosed Drive Solutions

INDUSTRIES SERVED

- Automotive
- Cement
- Converting
- Food Processing
- Material Handling
- Mining
- Paper
- Petrochemical
- Plastics
- Printing
- Steel



Sensing Technology

We can support your sensor requirements from position and process sensors, vision sensors, and sensors for motion control to sensor interface components, cordsets, patch cables and wiring blocks. SICK, HTM, Pepperl & Fuchs, Balluff and more.



LED Lighting Solutions

Advanced LED lighting products that deliver energy and financial savings including LED tubes and retrofit kits for existing fluorescent installations, LED luminaires, wallpacks, highbay housings, and more. Combined with sight survey capabilities BDI offers complete LED lighting solutions. Energy Focus, Green Creative, Philips Lighting, and more.



Machine Safety

BDI offers a complete line of cost-effective and innovative components for safe machines from switches, pushbuttons, and indicator lights for commanding and signaling, to safety relays for monitoring and evaluation, failsafe motor starters for reacting. Siemens, Wieland Electric, Carlo Gavazzi, HTM, and more.



Success Made Easier

BDI is a full-line distributor for Bearings, Mechanical and Electrical Power Transmission, Fluid Power, Sealing/Retaining/Lock Devices, Industrial Hose and Fittings, Conveyor Belting, Linear Motion and General Industrial products.

Branches are located throughout the USA, Canada, Mexico, Europe and Asia.

For more information on BDI's Electrical Automation Solutions, please contact us.

More Than Bearings



CONVEYOR
SYSTEMS



LUBRICANTS



INDUSTRIAL
CONTROLS



SAFETY



BELT DRIVES



CHAIN
DRIVES

branch label here