

# IBT



## **ELECTRICAL PRODUCTS**

In keeping with our heritage of being innovative and progressive, IBT was one of the first suppliers in the Midwest to offer both Mechanical and Electrical Power Transmission Components. To service the complete needs of our customers, adding electric motors, variable speed controls, brakes & clutches, sensors, operator controls, and machine safety products to our inventory was a natural fit some 30 years ago. Today, as one of the largest electrical distributors in the Midwest we offer a solid line-up of high quality brands of new and replacement items to help our customers minimize down-time and increase productivity.

- Electric Motors**
- Variable Speed Drives**
- Solid State Soft Starters**
- Motor Controls**
- Electrical Distribution Circuit and Protection**
- Sensors and Monitoring**
- Clutches and Brakes**
- Tension Control Systems**
- Machine Safety and Guarding**
- Automation/Integrated Systems**
- Repair Systems**
- Field Services**

**IBT**  
ELECTRICAL PRODUCTS

# PRODUCTS

## ELECTRIC MOTORS

- ▲ Single Phase and Three Phase
- ▲ Fractional to Above NEMA
- ▲ NEMA and IEC Frames
- ▲ Washdown
- ▲ General Purpose
- ▲ NEMA Premium Efficient
- ▲ Flange Mount Motors
- ▲ Pump Motors
- ▲ Definite Purpose Motors
- ▲ Inverter Duty
- ▲ Vector Duty
- ▲ Hazardous Environment
- ▲ Severe Duty
- ▲ Brake Motors
- ▲ Servo Motors
- ▲ Permanent Magnet and Wound Rotor Motors



## VARIABLE SPEED DRIVES

- ▲ Single and Three Phase
- ▲ Digital and Analog
- ▲ General Purpose Drives
- ▲ Normal Duty and Heavy Duty
- ▲ Medium Voltage Drives
- ▲ Servo Drives
- ▲ Mechanical Variable Speed
- ▲ AC and DC
- ▲ Micro Drives
- ▲ Vector Duty Drives
- ▲ Constant Torque and Variable Torque
- ▲ Washdown Duty
- ▲ Engineered Drive Systems



## SOLID STATE SOFT STARTERS

- ▲ Chassis Mount and Enclosed
- ▲ Normal Duty and Heavy Duty
- ▲ Module Only and Complete Starter
- ▲ Bypass Starters
- ▲ Low Voltage and Medium Voltage
- ▲ Electronic Brakes



## MOTOR CONTROLS



- ▲ NEMA and IEC
- ▲ Thermal Overloads
- ▲ Magnetic Starters
- ▲ Pilot Devices
- ▲ Motor Control Centers
- ▲ Contactors
- ▲ Solid State Overloads
- ▲ Combination Starters
- ▲ Push Buttons and Control Stations
- ▲ Custom Panels and Controls
- ▲ Foot Switches

## ELECTRICAL DISTRIBUTION AND CIRCUIT PROTECTION

- ▲ Transformers
- ▲ Fuses
- ▲ Disconnects and Safety Switches
- ▲ Circuit Breakers



## ***SENSORS AND MONITORING***

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- ▲ Mechanical and Non-Contact
- ▲ Proximity Sensors
- ▲ Speed Switches
- ▲ Ring Kits
- ▲ Limit Switches
- ▲ Photo Electric Sensors
- ▲ Encoders and Tachometers
- ▲ Meters

## ***CLUTCHES, BRAKES AND ACTUATORS***

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- ▲ Unwind and Rewind Controls
- ▲ Dancer Controls
- ▲ Load Cells
- ▲ AC and DC Drive Systems
- ▲ Web Tension Controls
- ▲ Line Process Control
- ▲ Clutch and Brake Systems

## ***MACHINE SAFETY AND GUARDING***

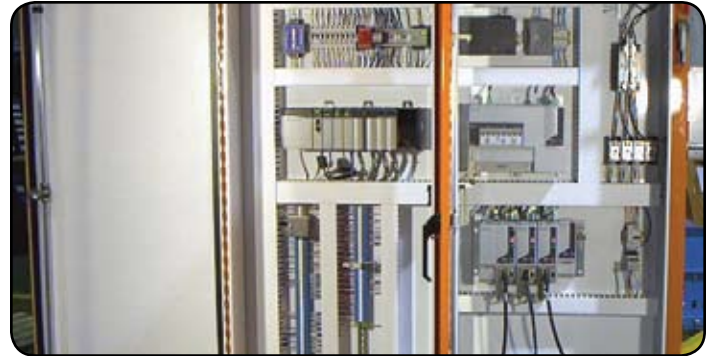
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- ▲ Light Curtains
- ▲ Interlock Switches
- ▲ Rope Pulls
- ▲ Two Hand Controls
- ▲ Trapped Key Interlocks
- ▲ Safety Mats
- ▲ Safety Monitoring Relays
- ▲ Safety Contacts, Strips and Bumpers
- ▲ Fencing and Hard Guard Solutions

## ***AUTOMATION AND INTEGRATED SYSTEMS***

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- ▲ Custom Controls and Panel Building
- ▲ Servo Systems
- ▲ Process Improvement Solutions
- ▲ Retrofits and Upgrades
- ▲ Communications and Networks
- ▲ Robotics
- ▲ AC and DC Drive Systems
- ▲ PLC Programming
- ▲ System Integrations

## ***FIELD AND REPAIR SERVICES***

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- ▲ Printed Circuit Board Repair
- ▲ Servo Motors and Drives
- ▲ PLC Repair
- ▲ AC and DC Drives Programming and Troubleshooting
- ▲ Application Engineering
- ▲ Laser Alignment
- ▲ Vibration Analysis
- ▲ Dynamic Balancing



## ***A PROUD HERITAGE OF QUALITY AND SERVICE***

We at IBT are very proud of our reputation as an innovative supplier to the broad industrial marketplace we serve. We have gained this reputation through more than 55 years of putting our customers first. As our business has grown, we have never lost sight of the objectives of our founders . . . to provide quality products and services to our customers. To that end, we have built a network of IBT Branch Service Centers throughout the central United States, with the stock at each location tailored to the needs of the businesses in its service area. Every IBT branch service center offers this same dedication to serving the day-to-day needs of each of our customers.

As our world becomes increasingly competitive, American industry is taking a hard look at its manufacturing processes. Outdated methods and equipment are being replaced by powerful new industrial systems that dramatically improve productivity. IBT is taking a lead role in providing these advanced systems, and also offers the ongoing product and service support our customers have come to expect and need, to keep producing at peak efficiency.

Get to know IBT, and you will understand why our customers depend on us as an important business partner.

If you would like additional information on any of our Products or Services, or if you would like to place an order, contact your local IBT Branch Service Center, visit our web site, or call IBT toll-free at 1-800-332-2114.

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