

SIEMENS

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Cranberry Twp., PA 16066
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OHIO
555 Frost Road, Suite 105
Streetsboro, OH 44241
PH: 330-653-8801
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ACD

ADVANCED CONTROLS & DISTRIBUTION

acdist.com

WEST VIRGINIA
PO Box 188
Elkview, WV 25071
PH: 304-965-6111
FAX: 304-965-6113

For 24 Hour Service:
800-866-7740

LED LIGHTING

BY **ACD**
ADVANCED CONTROLS & DISTRIBUTION

Automated Solutions

- PLC's and Motion Control
- HMI's Process Analysis
- Industrial PC's
- Wireless I/O

Industrial Controls

- Encoders
- Ethernet Hubs, Switches Cables, and Converters
- Fiber Optic Converts/ Modems
- Heating and Regulating
- Network Bridges and Gateways
- Power Monitoring and Metering Equipment
- Serial to Fiber Optic Converters
- Signal Conditioning
- Solid State Controllers
- Solid State Relays and Timers
- Terminal Blocks and Terminal Blocking Markers
- Transformers/Reactors
- Voltage Regulators, UPS, and Power Supplies

Machine Safety

- Safety Integrate Products
- Safety Devices and Software
- Safety Light Curtains and Mats

Power Distribution

- Circuit Breakers and Panelboards
- Low Voltage Switchgear
- Motor Control
- Motor Control Centers
- Soft Start

Variable Speed Drives

- AC Drive
- DC Drives

acdsupply.com



AUTOMATION SOLUTIONS

Data Acquisition

- iba

Ethernet Hubs, Switches, & Converters

- Siemens
- Weidmuller

HMI's Process Analysis

- iba
- Siemens

Industrial PC's

- Siemens

Networking

- Anybus
- eWON
- Hilscher
- Siemens
- Weidmuller

PLC's & Motion Control

- Siemens

RFID Components

- Pepperl+Fuchs
- Siemens

Wireless I/O

- Siemens
- Weidmuller

VARIABLE SPEED DRIVES

AC Drives

- Lenze
- Siemens

DC Drives

- Siemens

Encoders

- Dynapar
- Hübner
- NorthStar
- Sick
- Siemens
- Stegmann

Gearmotors

- Lenze
- Siemens

MV Drives

- Siemens

Servo Drives

- Lenze
- Siemens

Servo Motors

- Lenze
- Siemens

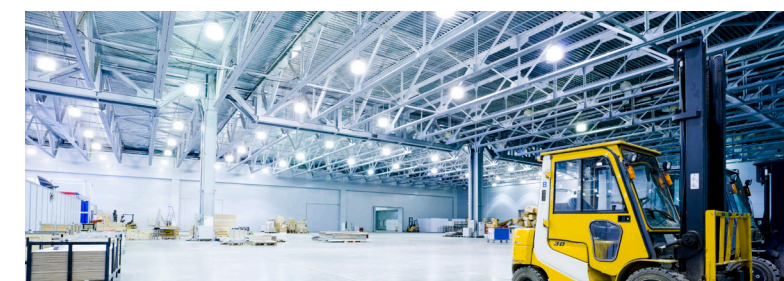
MACHINE SAFETY

Safety Devices & Software

- ABB Jokab
- Carlo Gavazzi
- Grace Engineered Products
- Siemens

Safety Light Curtains, Mats, & Scanners

- ABB Jokab
- Hokuyo
- Pepperl+Fuchs



Save Over 80% in Energy Costs

LED Lighting is considered the best long-term solution for industrial and commercial lighting because its environmental benefits, energy efficiency, and ROI make it the best lighting option available today.

Benefits of LED Lighting:

- Life expectancy between 50,000 and 100,000 hours
- Average of 5-10 year warranties
- Significant energy savings
- Available for hazardous locations
- Instant on/off
- Maintenance free
- Resistant to shock and vibration
- Rebates available
- Mercury Free- No need to recycle bulbs or ballast
- Minimal heat emitted from fixture
- Typical payback is less than 2 years



Schedule a Free On-Site Consultation!

Heather Morgan
LED Lighting Specialist

P: 724-882-3935
INFO.ACDIST.COM/CONSULTATION

INDUSTRIAL CONTROLS

Alarm Bells and Horns

- Federal Signal

Brake Controls

- Morgan Electronics

Heating and Regulating

- Carlo Gavazzi
- INDEECO
- Siemens

Magnets for Automation & Welding

- Magswitch

Motor Controls

- Carlo Gavazzi
- Furnas
- Siemens
- Weidmuller

Pushbuttons/Selector Switches/Ind. Lights

- Carlo Gavazzi
- Siemens

Sensors/Cabling

- Carlo Gavazzi
- Mencom
- Pepperl+Fuchs
- Weidmuller

Signal Conditioning

- Siemens
- Weidmuller

Solid State Controllers

- Carlo Gavazzi
- Siemens
- Weidmuller

Solid State Relays & Timers

- Carlo Gavazzi
- Siemens
- Weidmuller

Terminal Blocks & Terminal Block Markers

- Siemens
- Weidmuller

Voltage Regulators, UPS, & Power Supplies

- Carlo Gavazzi
- Liebert
- Siemens
- Sola
- Weidmuller

POWER DISTRIBUTORS

Circuit Breakers & Panelboards

- Carlo Gavazzi
- Siemens
- Weidmuller

Fuses & Fuse Holders

- Mersen
- Siemens

Medium Voltage Switchgear/ Starters

- Siemens
- Solcon

Motor Control Centers

- Furnas
- Siemens

Low Voltage Switchgear

- Furnas
- Siemens

Power Monitoring & Metering Equipment

- Carlo Gavazzi
- iba
- Siemens

Soft Starters

- Carlo Gavazzi
- Siemens
- Solcon

Transformers/Reactors

- BLOCK
- Hammond Power Solutions
- Olsun
- Pacific Crest
- Siemens
- TCI

UPS

- Liebert

Air Conditioning /Chillers

- Pfannenberg

Connectors/Cables

- ERICO
- Leviton
- Meltric
- MENCOM
- Siemens
- Weidmuller

Enclosures

- B Line
- Hawa
- Saginaw
- Stahlin
- Weidmuller

Industrial Heaters

- INDEECO

Explosion Proof Enclosures & Fittings

- Akron Electric

Fittings

- IBOCO

Intrinsic Safety Barriers

- Pepperl+Fuchs

Motor Connectors/ Plugs

- Meltric

Personal Protection Equipment (PPE)

- Cementex

Test/Masurement

- EXTECH
- FLIR

Thermal Cameras

- FLIR

Tools

- Cementex
- Weidmuller

Wire Duct & Accessories

- ERICO
- IBOCO
- Thomas & Betts

For 24/7 Service, Call: 800-866-7740

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Machine & Process Safety solutions:
• Drives • Robots • PLCs
• Control Devices • Safety Devices



• Fuses • Fuse Holders • Power Distribution Blocks • Low Voltage Disconnect Switches • Surge Protection • Laminated Bus Bar



• Inductive, Photoelectric & Ultrasonic Sensor Products
• Vision Systems • Isolated Barriers
• Signal Conditioners
• Level Measurement
• Purge + Pressurization Systems



Heavy Duty Encoder System for:
• Metals • Cranes • Mining • Oil
• Gas • Wind • Marine • Paper
• Railway • Test Stand Applications



• Wall Mount Enclosures • Free Standing Enclosures • Operator Consoles • Custom Enclosures



Modular Enclosure Systems (Compare to Rittal):
• Wallmount Enclosures • Explosion-Proof Enclosures • Pendant Arms



Advanced Controls & Distribution's focus is simple:

The success of our customers.

Who We Are: Advanced Controls & Distribution (ACD) is a technology leading, full-line distributor of industrial electrical supplies serving an extensive network of vendors and customers. ACD works directly with some of the largest industrial and OEM accounts throughout Western Pennsylvania, West Virginia and Eastern Ohio.

What We Do: The entire ACD Team is highly motivated to ensure our customers' success in several ways including:

- Product Application Support
- Dedicated/Managed Inventory
- Programming Assistance
- Product Kits
- New Products
- Special Product Labeling
- New Technology
- Utility Rebates

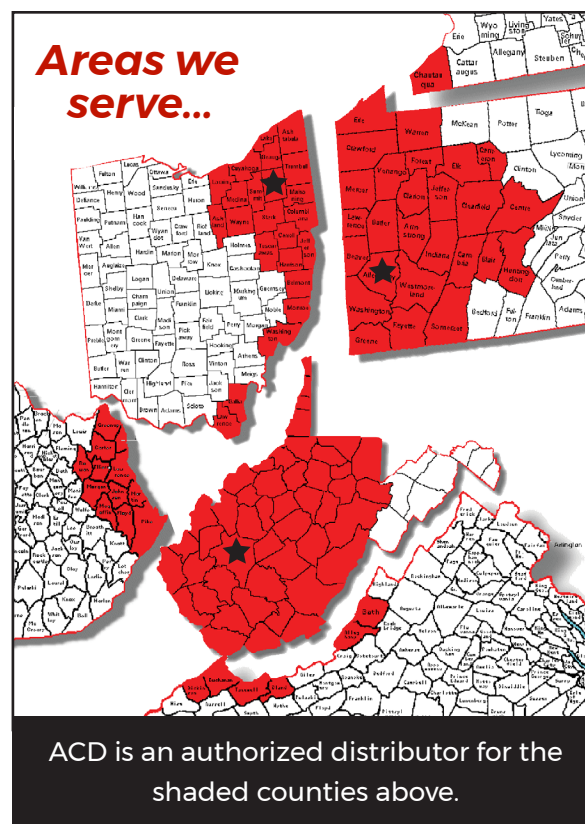
Support We Provide: ACD provides a comprehensive suite of best-in-class support services to ensure successful implementation and customer return on investment. ACD's inside and outside sales teams are supported by our in-house staff of experienced automation and drives engineers.

Services Include:

- Training
 - Emergency Field Service
 - Customer Help Desk
 - Product Application
- & much more!**

For more information on ACD, visit our website:

acdist.com



Areas we serve...

ACD is an authorized distributor for the shaded counties above.



World Market Leader in:
• Automation • Drives • Motors
• Industrial Controls • Low/Medium Voltage Switchgear



MACHINES CAN TALK
• Industrial Routers
• Industrial Wireless Routers
• VPN Routers for Remote Machine Access



Hammond Power Solutions Inc.
• Low/Medium/High Voltage Transformers • Drive Isolation Transformers • Control Transformers • Line Reactors



• Terminal Blocks • Signal Conditioning • Power Supplies
• Surge Protection • Industrial Ethernet Switches



Permanent Magnet Products for:
• Automation/Robotics • Lifting
• Welding • Metal Fabrication



Plugs & Receptacles:
• Motor/Welder • High Ampacity
• Multipin/Multicontact
• Hazardous Duty Rated



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