



# ***AUTOMATION AND CONTROL***

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Our expertise enables you to cut costs, reduce energy consumption, and keep your systems up and running through routine maintenance, process enhancements, and migrations to new, state-of-the-art functionality.

ALAMEDA ELECTRICAL DISTRIBUTORS

## **POWER, ENERGY AND AUTOMATION SOLUTIONS TEAM**

At Alameda Electrical Distributors (AED), our qualified technical associates provide support for industrial end users, panel builders and system integrators in areas such as automation & control components, modernization of equipment, networking, electrical systems, energy-saving solutions, safety, and cyber security. Our specialists serve a diverse group of industries, including:

- Agriculture
- Construction
- Food & Beverage
- Government
- Healthcare
- Manufacturing
- Municipalities
- OEM's
- Oil & Gas
- Water/Wastewater

Our technical team members combined with our commitment to staying informed about the latest technologies and related products help us provide a complete solution to our customers designed to assist in:



**Increased Production**



**Reduced Energy Costs**

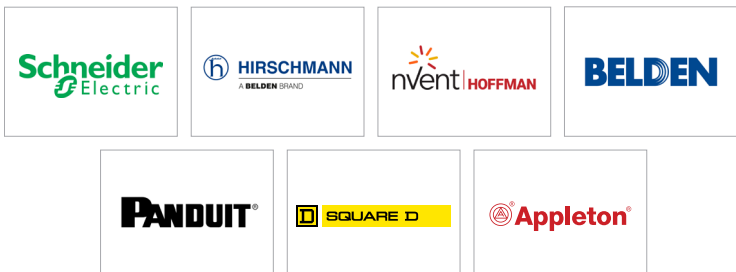


**Improved Safety**



**Meeting Required  
Certifications & Compliances**

### **| Featured Manufacturers:**



## **TRAINING SERVICES**

AED's technical team along with the support of our preferred vendors of automation and control products allows us to keep our customers informed of all of the latest products and provide technical support in product selection and troubleshooting. We also can provide virtual and onsite technical trainings for various products at any of our locations or at your facility.

## **TECHNICAL SUPPORT**

AED's technical staff provides custom solutions, products and support for a variety of markets and applications including:

### **| End Users:**

- Automotive
- Chemical and petrochemical
- Food and beverage
- Manufacturing
- Mining
- Oil and gas
- Power generation
- Water/wastewater

### **| Original Equipment Manufacturers (OEMs):**

- Food Processing
- Material handling
- Material working machinery
- Packaging equipment manufacturers
- Panel Builders

### **| Integrators:**

- Control system integrators
- PLC migration integrators



## SERVICES

AED can offer the following services to support your Automation and Control needs:

- Arc-flash studies
- Automation system audits
- Drive start-up and commissioning
- Facility energy audits and modernization solutions
- HMI/SCADA programing assistance
- Industrial network/mission critical network layout
- Kitting
- Network scanning – cyber security analysis
- Panel layout assistance
- PLC migration
- PLC programming assistance
- Power monitoring/management system analysis
- Power quality analysis
- Product selection and sizing
- Variable Frequency Drive (VFD) solutions

### **Electronic Equipment Repair Services\***

Our team can help provide faster repair turnaround times, competitive repair prices, and repair many items the OEM no longer supports.

- AC drives
- HMI's
- Industrial monitors
- Industrial workstations
- Power monitoring
- Power supplies
- Process controls
- PLCs
- Servo controls
- Servo drives
- Stepper motor controls
- Transducers
- UPS

*\*Repair services offered through Schneider Electric Industrial Repair Services*



**Contact our team of  
technical experts today:**



[automation@alamedaelectric.com](mailto:automation@alamedaelectric.com)



(510) 962-4234

## TECHNICAL SEMINARS/TRAINING

AED offers many manufacturer-sponsored technical seminars and automation product training options, including:

- Industrial networking/cyber security
- PLCs and software
- Power monitoring and management
- Variable Frequency Drives (VFDs)



# INDEPENDENTLY FLEXIBLE. LOCALLY ADAPTABLE.

Servicing Commercial Electricians Since 1976



**14 Strategic Locations** to Service  
all Major Markets



**50+ Trucks & Vans** Making Daily  
Deliveries & Pickups



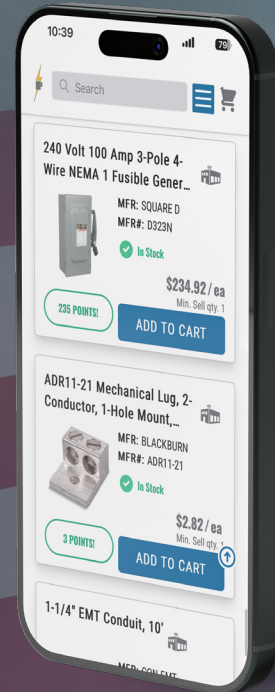
**500,000+ Sqft** of Logistics, Storage  
and Staging Space



**\$50+ Million of Inventory** Available  
for Next-Day Delivery



**\$4+ Million Invested** into  
Technology & B2B eCommerce



**INDUSTRY LEADING ONLINE  
SHOPPING EXPERIENCE!**

Over the past decade, Alameda Electrical Distributors (AED) has grown dramatically to become the largest independent electrical distributor in the area. While our footprint continues to span across Northern California, our strategic focus has gone unchanged since we first opened our doors over 60 years ago.

We strive to consistently deliver unmatched value and exceptional customer service to the electrical contractors, MRO facilities and OEM professionals in all of the markets we serve.

Visit [alamedaelectric.com](http://alamedaelectric.com) to learn more.



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