

# AA Electric Line Card

AA Relays  
 ABB Controls  
 ABB Drives & Motors  
 ABB SSAC  
 Absolute Process Instruments  
 AC TECH  
 Acme  
 Adalet  
 Adaptive Micro Systems  
 Altech  
 Anaheim Automation  
 Anchor Scientific  
 Anderson Power Products  
 API  
 Applied Motion  
 Artisan Controls  
 ATC  
 Automatic Timing & Controls  
 AUTONICS  
 Baldor  
 Banner  
 Barksdale  
 Bonfiglioli  
 Brad Harrison  
 Brady  
 Brother  
 Bussman  
 Cablofil  
 Camille Bauer  
 Carlo Gavazzi  
 Cecomp  
 Electronics  
 CKE  
 Contact  
 Control  
 Concepts  
 Control  
 Switches  
 International  
 Control  
 Techniques  
 Cooper  
 Bussman  
 Cortec

Crouzet  
 Curtis  
 Custom Connector  
 Dalsa  
 Danaher  
 Danfoss Drives  
 Danfoss Industrial Automation  
 Delta  
 Dickson  
 Diversified Electronics  
 Dongan  
 Electric  
 Dwyer  
 Dynapar  
 Eagle Signal  
 E-box  
 Edwards  
 Signaling  
 Electromate  
 Elektrim  
 Motors  
 Emerson  
 Network Power  
 Encoder Products  
 Engler  
 EPC  
 Exergen  
 Exlar  
 EXM  
 Exor  
 Exttech  
 Ferraz  
 Shawmut  
 Fibox  
 Fincor  
 Fluke  
 Flygt  
 Fuji  
 GE Industrial Systems  
 GE Security  
 Gems  
 Georg  
 Fischer  
 Signet  
 Gordos  
 Gould  
 Shawmut

Grace Engineered Products  
 Grasslin  
 Hammond  
 Enclosures  
 Hardy  
 Instuments  
 Harting  
 Hengstler  
 Honeywell

Jokab Safety  
 Joslyn Clark  
 KASPRO  
 KB Electronics  
 Lapp USA  
 Laurel  
 Leeson  
 LENZE  
 Leuze  
 Liebert  
 Linemaster

Milltronics  
 Miniature Lamps  
 Mitsubishi  
 Moeller  
 Electric  
 Monitor  
 Mono-Systems  
 Motronics  
 MOTOVARIO  
 MTE  
 Namco  
 Nematron  
 Nexen  
 NK  
 Technologies  
 Nook Industries  
 Northern  
 Technologies  
 NorthStar  
 Olfex  
 Omron  
 Omron STI  
 Opto 22  
 Oriental Motor  
 Panduit  
 Parlow West  
 Patlite  
 Pepperl & Fuchs  
 Phoenix  
 Contact  
 Pilz  
 Potter  
 Brumfield  
 Powerware  
 Presto  
 Connectors  
 Projects  
 Unlimited  
 Pulnix  
 Pyromation  
 Red Lion  
 Controls  
 Redington  
 Counters  
 Riital  
 Roto-Float  
 Roxtec  
 SAB  
 Safronics  
 Sentrol  
 Schrack  
 Shimpo  
 Shurite

Siemens  
 Signet  
 SimpleServo  
 Sky  
 Electronics  
 Sola/Hevi-Duty  
 SoftNoze  
 Sprecher + Schuh  
 SSAC  
 STACO  
 Stahlin  
 Struthers Dunn  
 Symcom  
 Syrelec  
 TAKEX  
 Techflex  
 Telemecanique  
 Sensors  
 Tempco  
 Time Mark  
 Tomar  
 Electronics  
 Tripp Lite  
 Turck  
 United Electric  
 Veeder Root  
 Vynckier  
 Wago  
 Walther  
 Electric  
 Warrick  
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 Information & Pricing subject to change without notice.

# AA Electric Products

More than 20,000 Products in inventory.  
Contact more than 200 Manufacturers with just one call.

## Audible & Visual Alarms

Annunciators  
Bells  
Buzzers  
Displays  
Horns  
Indicators  
LED Lights  
Marquees  
Multi-function  
Piezoelectrics  
Pilot Lights  
Rotating Beacons  
Screens  
Sirens  
Stacklights  
Strobes  
Vibrating Horns  
Voice Modules

## Barcode

2D & 3D  
Cameras  
Labelers  
Readers  
Scanners

## Bases for Relays

Connectors / Wiring Devices  
Circular  
Crimp Termination  
Expandable  
High Current  
High Density  
Insulation  
Displacement  
Modular  
Panel Ports  
Pin & Sleeve  
Rectangular  
Screw Termination  
Service Outlets  
Solder Type

## Contactors & Starters

Cables & Cordsets  
Bus & Networking  
Clean Room  
Continuous Flex  
Flexible Control  
Halogen Free  
High Temperature  
Industrial Ethernet  
Instrumentation  
Junctions  
Quick Disconnect  
Robotic  
Thermocouple  
Torsion  
VFD

## Circuit Breakers

Counters  
Batch  
Bidirectional  
General Purpose  
High Speed  
Panel Mount  
Plug-in  
Predetermining  
Preset  
Totalizers

## Corrosion Protection

## DIN-Rail

Disconnects  
Breakers  
Cable

Mechanisms  
Cam Switches  
Fusible & Nonfusible  
Load Break  
Switches

## Electro-Pneumatic

Filter-Regulator-Lubricators  
Gauge Protectors  
I/P, E/P, & P/I Transducers  
Regulators & Relays  
Rolling Diaphragm  
Cylinders  
Servo Pressure  
Controllers

## Enclosures & Wireway

Aluminum  
Fiberglass  
Hazardous  
Location  
Polycarbonate  
PVC  
Stainless Steel  
Steel

## Flow & Ph

Controllers  
Displays  
Gauges  
Panel Meters  
Sensors  
Switches  
Transmitters

## Fuses & Blocks

## Gauges

Hazardous  
Location -  
Explosion Proof &  
Intrinsically Safe  
Products

## Hour Meters

Human-Machine  
Interfaces  
Industrial  
Computers  
Marquees  
Monitors  
Protocol  
Converters  
Sunlight Readable  
Touchscreens

## Industrial Networking & Bus Systems

Accessories  
Cables  
Connectors  
Cordsets  
Gateways  
HMI's  
I/O  
Master Units  
Modems  
Panel Ports  
Power Supplies  
Protocol  
Converters  
Repeaters  
Slave devices  
Switches  
Testers  
Wireless

## Instrumentation

Ball Valves  
Controllers

Data Loggers  
Flow & pH  
Force & Torque  
Humidity  
Indicators  
Interfaces  
Level  
Manometers  
Panel Meters  
Pressure  
Recorders  
RTDs  
Seals  
Signal  
Conditioners  
Signal Converters  
Signal Isolators  
Switches  
Temperature  
Thermocouples  
Transducers  
Transmitters



## Level

Capacitive  
Conductivity  
Float Switches  
for Dry Materials  
for Liquids &  
Solids  
Manometers  
Photoelectric  
Ultrasonic  
Vibratory  
Radar

## Miniature Lamps

Motion & Position  
Acme Screws  
Actuators  
Adjustable Speed  
Drives  
Ball Screws  
Ball Splines  
Brakes  
Clutches  
Controls  
Couplings  
Drives  
Electric Cylinder  
Actuators  
Encoders  
End Bearing  
Supports  
Force Transducers  
High Force  
Actuators  
HRC60 Linear  
Shafting  
Indexes  
Jack Screws  
Keyless Lock  
Bushings

## Panel Meters

Analog  
Digital

Lead Screws  
Linear & Rotary  
Actuators  
Linear & Rotary  
Transducers  
Linear Slides,  
Bearings, and  
Pillow Blocks  
Motion Controllers  
Profile Rail Linear  
Guides  
Resolvers  
Roller Screw  
Linear Actuators  
Servo Gear  
Reducers  
Servo Motors &  
Controls  
Speed Reducers  
Shaft Couplings  
Steppers  
Tension Controls  
Torque Limiters



Torque  
Transducers

## Motor / Pump

Control &  
Protection  
Acoustic Switches  
Alternators for up  
to 6 Loads  
Circuit Breakers  
Contactors  
Current Monitors  
Disconnects  
Fuses  
Motor Controllers  
Overloads  
Phase Monitors  
Protection &  
Monitoring  
Relays  
Seal Failure  
Monitors  
Starters  
Temperature  
Thermal Cut Offs  
Tilt Switches  
Vibration Monitors  
Voltage Monitors

## Motors

AC & DC  
Explosion Proof  
Gearmotors  
Inverter Duty  
Servo  
Stepper  
Variable Speed

## Panel Meters

Analog  
Digital

## Sunlight Readable

## Photoelectric

Sensors  
Arrays  
Curtains  
Fiber Optic  
Hazardous  
Location  
Infrared & Visible  
Lasers  
Logic Modules  
Long Range  
Luminescence  
Measurement &  
Inspection  
Miniature  
Namur  
Registration Mark  
Safety  
Washdown

## PLCs



## (Programmable Logic Controllers)

## Power Supplies

1 & 3 Phase  
Linear  
Panel or DIN-Rail  
Mount  
Redundant Units  
Switching  
Uninterruptible  
With Alarms &  
Displays

## Power Quality

Battery Backup  
Conditioners  
Current  
Transducers  
Current  
Transformers  
DC to DC  
Converters  
Filters  
Reactors  
Potential  
Transformers  
Power Monitors  
Power Supplies  
Surge Protection  
Transformers  
UPS

## Pressure

Gauges  
Seals  
Switches  
Transducers

## Proximity Sensors

Capacitive

## Electromechanical

Hazardous  
Location  
Inductive  
Magnetic  
Namur  
Photoelectric  
Reed Switch  
Ultrasonic  
Valve Position  
Washdown

## Pushbutton & Pilot Devices

16, 18, 22, and  
30mm  
Buzzers  
Contact Blocks  
Emergency Stops  
Enclosures  
Explosion Proof  
Intrinsically Safe  
Low Current



## Joysticks

Lamps & LEDs  
Pilot Lights  
Potentiometer  
Operators  
Power Supplies  
Sealed Devices  
Selectors  
Toggle Switches  
Wobble Sticks

## Relays & Bases

AC & DC Load  
Switching  
Alternating  
DIN-Rail Mount  
General Purpose

Hermetically  
Sealed  
High Current  
I/O Modules  
Ice Cube  
Interposing  
Isolation  
Latching  
Low Current  
Maintained  
Monitoring &  
Protection  
Opto Isolators  
Optocouplers  
PCB (printed  
circuit)  
Plug-in  
Power  
Programmable  
Safety  
Smart Relays  
Solid State  
Timing  
Wireless

RFID (Radio  
Frequency  
Identification)  
Antennas &  
Readers  
Tags

## Safety

Alarms &  
Annunciators  
Area Laser  
Scanners  
Cable Pull  
Switches  
Cabling Systems  
Disconnects  
Electromechanical  
Interlocks  
Emergency Stops  
Ergonomic  
Actuator Buttons  
Gate Monitors  
Light Curtains  
Lockout Tagout  
Machine Control  
Relays &  
Contactors

## Magnetic

Interlocks  
Mats  
Muting Controls  
Networks & Buses  
Perimeter Guards  
Photoelectric  
Interlocks  
PLCs  
Relays & Modules  
Sensitive Edges  
Sensors  
Signs & Labels  
Software  
Stopped Motion  
Sensors  
Timers  
Two Hand  
Controls

## Soft Starts

## Software

Speed Controls  
AC & DC Drives  
Adjustable Speed  
Drives  
Encoders &  
Resolvers  
Gear Reducers  
Rate Indicators  
Speed Sensors  
Tach Generators  
Tachometers

## Switches

Basic  
Cam  
Current  
Hazardous  
Location  
Heavy Duty  
Industrial  
Interlocks  
Limit  
Miniature  
Pilot Devices  
Pressure  
Proximity  
Push Buttons  
Rocker  
Safety  
Sealed  
Temperature  
Toggle  
Washdown

## Temperature

Controllers

Gauges  
Heaters  
Infrared Sensors  
Recorders  
RTDs  
Thermistors  
Thermocouples  
Thermometers

## Terminal, Fuse & Power Distribution Blocks

Barrier Strips  
DIN-Rail Mounted  
Fuse  
High Density  
Insulation  
Displacement  
PLC Wiring  
Interfaces  
Pluggable & Quick  
Disconnect  
Power Distribution  
Ring  
Screw Clamp  
Spring Clamp  
Tension Clamp

## Test Equipment

## Timers

Analog  
Elapsed Time  
Flashers  
Hockey Puck  
Hour Meters  
Multi-function  
One Shot  
Panel Mount  
Plug-In  
Programmable  
Relays  
With Display

## Transformers

Constant Voltage  
Control  
Distribution  
Enclosed  
Isolation  
Power  
Variable

## Ultrasonic Sensors

## Variable Speed Drives & Motors

## Vision Sensors & Systems

Cameras  
Enclosures  
Lighting

## Wireless Modems & I/O

## Wiring Accessories

Breakout Modules  
Cable Glands  
Cable Ties  
Cable Tray  
Connectors  
Cordgrrips & Strain  
Reliefs  
Corrosion  
Protection  
Ferrules  
Heat Shrink  
Seals  
Sleeving  
Spiral Wrap  
Splices  
Terminals  
Tools  
Wire Duct

