

SENSORS

OPERATOR INTERFACE

ENCLOSURES

PLCS

FIELD I/O

ORDER TODAY, INSTALL TOMORROW

Sensors

Presence Sensing, starting at \$16

- Inductive
- Photoelectric
- Capacitive
- Ultrasonic
- Fiber optic
- Light screens
- IEC limit switches

Current Sensors

- Encoders**
- Light, medium, and heavy duty
 - 6 mm/8 mm/10 mm shafts
 - Incremental and absolute
 - Solid and hollow shaft
 - NPN open collector, line driver, or totem pole outputs

Motor Controls

- Full line of Fuji Electric IEC rated contactors, overloads, manual motor starters and accessories up to 300 HP
- Cutler-Hammer Freedom Series IEC contactors and starters

Operator Interfaces

C-more® PLC Touchscreens

- Vivid TFT panels with 65,536 colors
- Cost-conscious STN panels with grayscale or 256 colors (6-inch models)
- Analog touch overlay
- PID faceplate, trending, alarming and recipe abilities
- Serial and Ethernet interfaces
- Drivers for AutomationDirect®, Allen-Bradley®, GE Fanuc®, Omron®, Mitsubishi® and others

C-more® Micro-Graphic Operator Panels

- Text/graphical panels with 3-inch screen, and 5 function keys with LED indicators
- Touch or non-touch models
- Optional snap-on keypads
- Drivers for AutomationDirect, Allen-Bradley, GE Fanuc, Omron, Mitsubishi and others

Atlas™ Industrial/Touchscreen Monitors

- Industrial monitors from 15 to 19 inches
- Available with or without resistive touchscreens
- UL and CE marked

Optimate Text Panels

- Text display
- Annunciator panels
- Serial drivers - DirectLOGIC®, Allen-Bradley



1-800-633-0405
www.automationdirect.com

MOTOR CONTROLS

	AutomationDirect	GE
9 Amp Contactor	\$13.00 SC-E02-110WAC	\$80.40 CL00A310T3
40 Amp Contactor	\$46.00 SC-E2-110WAC	\$200.00 CL06A311MU
10 Amp Motor Starter	\$46.00 BM3RH-B-010	\$125.00 GPS1BHAK

All prices are U.S. published prices. AutomationDirect prices are from October 2007 Price List. GE prices taken from http://www.ge.com/720037. Prices and specifications may vary by dealer and configuration. Prices subject to change without notice.

Drives/Motors/Motion

- GS and DURApulse Series AC Drives**
- Variable frequency drives from 0.25 to 100 HP, starting at \$99
 - 115, 230, 460 and 575 volt versions
 - Volts/Hz and sensorless vector control available
- Hitachi AC Drives**
- Flux vector drives from 0.25 to 30 HP
 - 230 and 460 volt versions
- Ironhorse General Purpose AC Motors**
- 56C frame rolled steel motors from 0.33 to 2 HP, 115/208-230V, starting at \$96
 - T frame cast iron motors from 1 to 300 HP, 208-230/460V, starting at \$120
 - Stable motor slide bases, starting at \$10
- Marathon Inverter Duty Motors**
- Marathon MAX series inverter and vector duty motors from 0.25 to 100 HP
 - Available with encoder feedback options
 - 230, 460 and 575 volt models available
- SureStep Stepper Systems**
- Open-loop microstepping drive to 10,000 steps per revolution
 - Motors, drives and power supplies available
- SureServo™ Drives & Motors**
- AC servo systems ranging from 100W to 3kW and 230V single/3 phase
 - Manual, adaptive auto-tune, and adaptive easy-tune modes
 - Control modes include position, speed and torque
 - Drives have onboard indexer and built-in RS-232/422/485 Modbus communications

DRIVES

	AutomationDirect	Allen-Bradley
2 hp	\$235.00 GS2-22P0	\$520.60 Z28-B8P0N104
5 hp	\$385.00 GS2-45P0	\$782.80 Z28-D010N104
5 hp	\$460.00 GS2-55P0	\$836.00 Z28-E6P6N104

All prices are U.S. published prices. AutomationDirect prices are from October 2007 Price List. Allen-Bradley prices taken from http://shoprockwellautomation.com/September2007. Prices and specifications may vary by dealer and configuration. Prices subject to change without notice. *Includes sensorless vector control - least expensive series with 375V capability.

Control Components

- Process**
- Process controllers from simple on/off control to full PID
 - Signal conditioners for mA, voltage, RTD, and thermocouples
- Relays**
- General purpose industrial relays in cube, card and solid state models
 - Timer relays (digital, 1/16 DIN, mini-DIN)

Communications

- Industrial Ethernet switches, starting at \$99
- Wireless serial and Ethernet radio modems
- Standard telephone modem
- Media converters

Hubbell/Wiegmann Enclosures

- Carbon, stainless steel and non-metallic lines
- Wall-mount, floor-mount, freestanding; operator consoles and disconnect enclosures
- NEMA 1, 3R, 35, 4, 4X, 6P, 4/12, 12 and 13 ratings

ENCLOSURES

	AutomationDirect	Hoffman
NEMA 12 DISCONNECT wall mount (24" x 25-3/8" x 8")	\$325.00 SDN12242508	\$622.60 A24S4260BLP
NEMA 12 DISCONNECT floor mount (60" x 49" x 12")	\$1,850.00 WA60X4912U	\$3,582.00 A60X4912LPFTC
NEMA 4/12 ULTIMATE wall mount (36" x 24" x 8")	\$239.25 N412362408C	\$516.90 C-SD36248
NEMA 12 GENERAL USE wall mount (20" x 16" x 8")	\$186.50 N12201608	\$397.60 A-201608LP

*All prices are U.S. published prices. AutomationDirect prices are as of October 2007. Hoffman prices are taken from Hoffman price list dated 01/15/07. Prices may vary by dealer. Many other part numbers are available from vendors.

Circuit Protection

- MCCBs (Molded Case Circuit Breakers)**
- UL489 Listed
 - G, F, K and L frame sizes
 - Rotary handle or flex shaft for external access
 - 15 to 600 amp range
- Fuses**
- Branch circuit rated for 600 VAC
 - Fast-acting or time-delay
 - Metal, glass and ceramic models

- Fuse Holders and Fuse Blocks**
- Multiple pole configurations with finger-safe protection
 - Optional 'open-fuse' indication
 - Available in single or multi-piece packs

Terminal Blocks and Wiring

- DINector Terminal Blocks**
- Single, double, and triple-level terminal blocks in a variety of colors
 - Screw terminal or screwless clamp types
- Wire Duct and Spiral Wrap**
- Standard or thin-finger rigid; flexible styles
 - Spiral wrap - 1/2 to 4-inch diameter
- Liquid-tight Tubing**
- Hookup Wire**
- 10 to 16 gauge MTW, 4 to 14 gauge THHN, 16 gauge TFFN, in a variety of colors

TERMINAL BLOCKS

	AutomationDirect	Allen-Bradley
Terminal block, 12AWG	\$0.33 DN-T12 (100)	\$0.92 1492-J3 (100)
Terminal block, double-level	\$1.54 DN-D10 (50)	\$2.93 1492-J03 (50)
Terminal block, 1/4" fuse	\$3.40 DN-F6 (25)	\$11.60 1492-H6 (25)

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PLC and I/O Products

- PLCs**
- DL05/DL06/DL105 fixed I/O PLCs
 - DL205/DL305/DL405 micromodular PLCs
- ZipLink PLC Wiring System**
- Plug-in termination for PLC I/O modules
 - Fuse, relay, and communications breakout terminals and cables
- Terminator Universal Field I/O**
- Field termination I/O, AC or DC powered, up to 16 modules per node
 - Supports popular Fieldbus media and protocols

Pushbuttons and Lights

- 22 mm metal pilot devices, including pushbuttons, indicators, selector switches, toggle switches and accessories
- Cutler-Hammer 22 mm non-metal and 30 mm metal pilot devices
- Cutler-Hammer stacklights

Ferraz Shawmut Disconnects

- Meet UL standard
- Non-fusible SIRCO series, makes/breaks up to 800A loads
- Fusible FUSERBLOCseries, makes/breaks up to 200A loads

Supplementary Protectors

- Current limiting design provides fast short circuit interruption
- B, C and D trip curves

SUPPLEMENTARY PROTECTORS

	AutomationDirect	Allen-Bradley
Single pole 10 AMP Supplementary Protector C trip curve	\$8.50 WMS1D05	\$35.60 1492-SP1C100
Triple pole 10 AMP Supplementary Protector C trip curve	\$24.00 WMS3D05	\$114.00 1492-SP3C100

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Power Products

- DC Power Supplies**
- PSM Series**
- 12 and 24 volt DC switching power supplies
 - 75 to 600 watt capacities
 - Metal enclosures
 - DIN rail or panel mountable
- PSP Series**
- 12 and 24 volt DC switching power supplies
 - 20 to 120 watt capacities
 - Universal input 85-250 VAC/VDC
 - Plastic enclosures
 - DIN rail or panel mountable
- Hammond Imperator™ Transformers**
- 50VA to 1KVA, starting at \$31
 - 50/60 Hz, 600V
- Cutler-Hammer Powerline Filters**

PC Based HMI/Control and Connectivity Software

- KepDirect OPC Server Software
- Monitoring and Data Acquisition Software from Inteworx
- Think & Do Live! and Studio PC Control Software
- LookoutDirect HMI/SCADA Software

MOTOR CONTROLS

DRIVES/MOTORS/MOTION

PUSHBUTTONS & LIGHTS

POWER

COMMUNICATIONS

PROCESS

RELAYS & TIMERS

TERMINAL BLOCKS & WIRING

CIRCUIT PROTECTION

SOFTWARE

1-800-633-0405
www.automationdirect.com