JUNE 2025 CATALOGUE

From simple to advanced control, we supply products to suit your project...and your budget!

PLCs FROM...
C0-00DD1-D
$223

CONTACTORS FROM...
CWB9-11-30D25
$29

SWITCHING POWER FROM...
PSA-24-75
$61

SENSORS FROM...
DW-AS-603-M18-002
$39

www.directautomation.com.au

NEW!

CM5-RHMI

$1259

C-MORE CM5 REMOTE HMI

P13

PACK 100

$169

DN-T12-A

SINGLE, DOUBLE OR 3-LEVEL TERMINAL BLOCKS = LOW-COST SENSOR WIRING
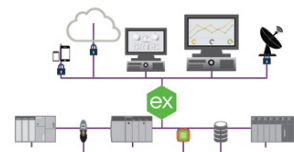
P32

NEW!

$39

DW-AS-603-M18-002

CONTRINEX INDUCTIVE PROXIMITY SENSORS

P22

kepware®

SOFTWARE

CONNECT, ACCESS AND CONTROL YOUR INDUSTRIAL DATA WITH KEPWARE.

P19

Welcome to **Direct Automation**, your trusted reseller of industrial automation supplies for the Australasian marketplace. We proudly represent reputable brands such as AutomationDirect.com and WEG Australia, offering you the highest quality products and solutions. Our dedicated sales and technical support teams are here to assist you, ensuring seamless service and expert support for all your automation needs.

PLCs	HMIs	ENCLOSURES
COMMUNICATIONS	POWER SUPPLIES	SENSORS
SWITCHGEAR	PUSHBUTTONS	CABLING
DRIVES	SOFTWARE	TOOLS & EQUIPMENT

Thank you for helping us provide a unique experience to our clients. We provide this so well because of your support.

Lee at Eurocranes Vic

SUPERIOR
Sales and Support

We are a small brewery located in South-Korea. Our canning line is controlled by the CLICK PLC and operated by NITRA Solenoid valves. As we ran into problems, our usual canning line manufacturer was not being helpful, while Direct Automation (Australia) stepped up to stock the replacement parts we needed and promptly shipped them to Korea. **Emails were fast, accurate and professional. A Safety Relay, out of stock elsewhere was even available for us to purchase. Thanks to Direct Automation, we minimized our downtime and saved ourselves some headaches!**

Frederic from The Ranch Brewing Company, South-Korea

Did you know... we have so many products available to you, that we don't place them all on our website?

Our dedicated sales team is committed to sourcing quality items at competitive prices. If you can't find what you need elsewhere, don't hesitate to reach out—we're here to help you locate products that meet your specifications, budget, and timeline.

With nearly 30 years of experience, our commitment to exceptional sales and technical support sets us apart in the industry.

Call us today and speak to us direct. No ticket numbers, no chat bots, just real, old fashioned service.

EXPANSIVE
Product Range

SUPERIOR VALUE!!!!

WE WORK HARD TO KEEP PRICES LOW ON OUR TOP SELLING PRODUCTS

SKU	PRICE	DESCRIPTION
AAP2T51Z11	$35	AUTOMATIONDIRECT IEC LIMIT SWITCH, side rotary adjustable metal lever with polyamide roller, 90-degree adjustable head, (1) N.O./(1) N.C. contact(s), snap action, 20-22mm hole spacing, plastic, (1) PG11 cable entry with 1/2in NPT adapter.
DN-12JL14-A	$59	DINNECTOR TERMINAL BLOCK JUMPER, 12-pole, red, 20A, 300V rated (UL), screwless type. Use with any DN-TL14-A, DN-TL14S-A, DN-TL14SLP or DN-14SLN-A series terminal block. Cutting tool (DN-J14CUT) is recommended to cut jumper. **10 pieces per package.**
BC10F-CSW	$5	WEG SINGLE CONTACT BLOCK 1 Normally Open contact for CSW series of pushbuttons and pilot lights - Front mount
CSW-BF5-1000000-3VF	$10	WEG CSW SERIES PUSHBUTTON Flush Black 1NO + Flange
CSW-BESG-11000000-APE-02-3VF	$27	WEG CSW SERIES PUSHBUTTON Twist to release Red + 1NC. Includes 1x N/O + 1x N/C Contact, Emergency Stop Label, Mounting Flange
CM5-T7W	$1020	C-MORE CM5 SERIES TOUCH SCREEN HMI, 7in colour TFT LCD, analog resistive, widescreen, 800 x 480 pixel, WVGA, LED backlight, (1) Ethernet, (2) serial and (2) USB ports and (1) memory card slot.
C2-01CPU	$216	CLICK PLUS PLC, 24 VDC required, Ethernet, serial and microB-USB ports, no on-board I/O.
KPR-SCE-24VACDC-1	$24	KLEMSAN INTERFACE RELAY, 35mm DIN rail mount, finger-safe, 24 VAC/VDC coil voltage, SPDT, (1) N.O., (1) N.C., 6A contact rating, screw terminal(s), LED indicator(s).

SUPER SAVINGS!!!!!
...SUPER SLIM 35MM DESIGN...
SAVINGS FOR YOUR BUDGET AND YOUR CABINET SPACE!

COMPETITIVE PRICES!!!!

WE STRIVE TO OFFER CHOICE WHEN IT COMES TO PRODUCT SELECTION

CALL OUR SALES STAFF TO HEAR MORE ABOUT OUR 'NEW' PRODUCTS – NOT YET RELEASED ONLINE!

10" HMI
CM5-T10W

$1650

Don't pay...
$2299

C-MORE CM5 SERIES TOUCH SCREEN HMI, 10.1in color TFT LCD, analog resistive, widescreen, 1024 x 600 pixel, WSVGA, LED backlight, (2) Ethernet, (3) serial and (4) USB ports and (1) memory card slot.

Compared to EA9-T10WCL

SWITCHING POWER SUPPLY
PSA-24-75

$61

Don't pay...
$108

ACHIEVE PSA SERIES SWITCHING POWER SUPPLY, 24 VDC @ 3.125A/75W, 120/240 VAC nominal input, 1-phase, enclosed, plastic housing, 35mm DIN rail mount, screw terminals.

Compared to PSB24-060S-P
RHINO PSB switching power supply

INDUCTIVE PROXIMITY SENSOR
DW-AS-603-M18-002
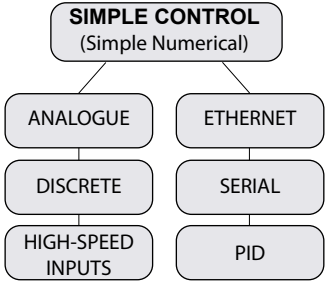
$38

Don't pay...
$57

NEW!

CONTRINEX INDUCTIVE PROXIMITY SENSOR, tubular, 18mm diameter x 63.5mm body, nickel-plated brass housing, PNP, N.O. output, 5mm sensing distance, flush, 2 kHz switching frequency, IP67, 4-pin M12 quick-disconnect.

Compared to AK1-AN-1A
Micro Detectors induct prox sensor

SIMPLE CONTROL

CLICK
Koyo

SIMPLE CONTROL
(Simple Numerical)

ANALOGUE	ETHERNET
DISCRETE	SERIAL
HIGH-SPEED INPUTS	PID

CPU
FROM C0-00DD2-D
$222

C0-11DD1E-D
(SHOWN) **$453**

FOR SMALL or BEGINNER APPLICATIONS

FREE SOFTWARE

The CLICK PLC family is ideal for everyday applications. The compact size and simplified programming make CLICK great for small systems and beginner projects. The popular CLICK PLC series has been serving the industry for almost 15 years and has become the go-to choice for many experienced Plant Engineers, Electrical Technicians, Machine Builders, as well as beginners and students.

...EXPAND CLICK FOR MORE COMPLEX APPLICATIONS

EXPANDABLE I/O
FROM C0-08ND3
$113

POWER SUPPLY
FROM C0-00AC
$126

...STACK MORE MODULES AVAILABLE!!!
CHECK THEM OUT WWW.DIRECTAUTOMATION.COM.AU
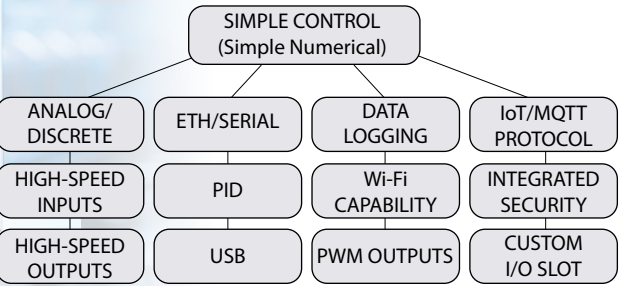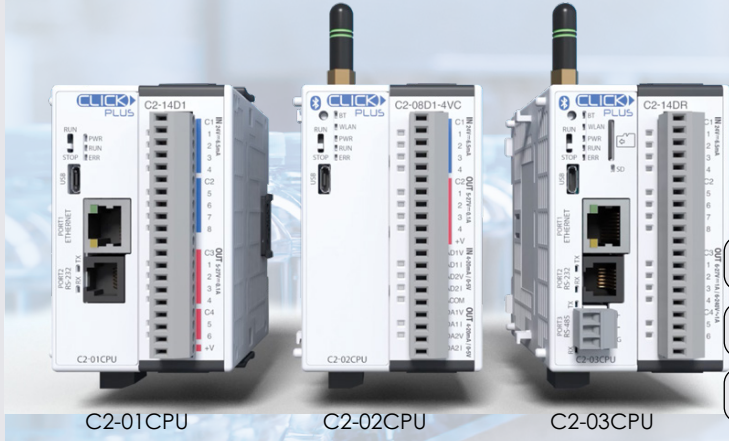
SKU	PRICE	DESCRIPTION
C0-00DD2-D	$222	CLICK **BASIC** PLC, 24 VDC required, serial ports, Discrete Input: 8-point, DC, Discrete Output: 6-point, sourcing.
C0-01DD1-D	$326	CLICK **STANDARD** PLC, 24 VDC required, serial ports, Discrete Input: 8-point, DC, Discrete Output: 6-point, sinking.
C0-02DD1-D	$454	CLICK **ANALOG** PLC, 24 VDC required, serial ports, Discrete Input: 4-point, DC, Analog Input: 2-channel, current/voltage, Discrete Output: 4-point, sinking, Analog Output: 2-channel, current/voltage.
C0-10DD1E-D	$392	CLICK **ETHERNET** Basic PLC, 24 VDC required, Ethernet and serial ports, Discrete Input: 8-point, DC, Discrete Output: 6-point, sinking.
C0-11DD1E-D	$453	CLICK **ETHERNET STANDARD** PLC, 24 VDC required, Ethernet and serial ports, Discrete Input: 8-point, DC, Discrete Output: 6-point, sinking.
C0-12DD1E-1-D	$540	CLICK **ETHERNET ANALOG** PLC, 24 VDC required, Ethernet and serial ports, Discrete Input: 4-point, DC, Analog Input: 4-channel, current, Discrete Output: 4-point, sinking, Analog Output: 2-channel, current.

SIMPLE + IIOT

CLICK PLUS was announced as a Control Engineering 2022 Engineers' Choice Awards Finalist in the "Controls Systems: PLCs, PACs" category.

CLICK
PLUS

C2-01CPU   C2-02CPU   C2-03CPU

SIMPLE CONTROL
(Simple Numerical)

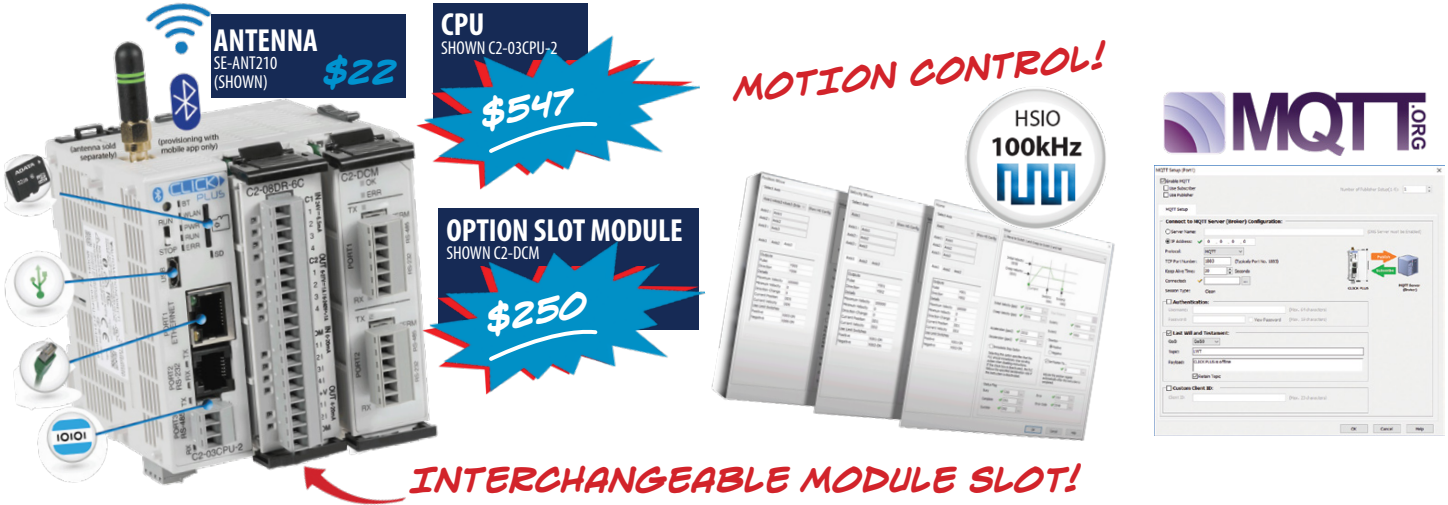| ANALOG/DISCRETE | ETH/SERIAL | DATA LOGGING | IoT/MQTT PROTOCOL |
| HIGH-SPEED INPUTS | PID | Wi-Fi CAPABILITY | INTEGRATED SECURITY |
| HIGH-SPEED OUTPUTS | USB | PWM OUTPUTS | CUSTOM I/O SLOT |

SIMPLE CONTROL WITH IIOT OPTIONS

FREE SOFTWARE

The practical, most popular PLC family has been supercharged with features you wouldn't expect from a simple low-cost controller. Data logging, Wi-Fi connectivity, MQTT communication and increased security measures are just a few of the impressive features offered with the new CLICK PLUS PLC series. Compatible with CLICK modules.

ANTENNA
SE-ANT210
(SHOWN) **$22**

CPU
SHOWN C2-03CPU-2
$547

MOTION CONTROL!

HSIO
100kHz

MQTT.ORG

OPTION SLOT MODULE
SHOWN C2-DCM
$250

INTERCHANGEABLE MODULE SLOT!

SKU	PRICE	DESCRIPTION
C2-01CPU	$216	CLICK PLUS PLC, 24 VDC required, Ethernet, serial and microB-USB ports, no on-board I/O.
C2-01CPU-2	$300	CLICK PLUS PLC, 24 VDC required, **(2) option slots**, Ethernet, serial and microB-USB ports, no on-board I/O.
C2-02CPU	$330	CLICK PLUS PLC, 24 VDC required, WiFi LAN/Bluetooth and micro-B USB ports, no on-board I/O.
C2-02CPU-2	$417	CLICK PLUS PLC, 24 VDC required, **(2) option slots**, WiFi LAN/Bluetooth and microB-USB ports, no on-board I/O.
C2-03CPU	$440	CLICK PLUS PLC, 24 VDC required, WiFi LAN/Bluetooth, Ethernet, serial and micro-B USB ports, microSD card slot, no on-board I/O.
C2-03CPU-2	$547	CLICK PLUS PLC, 24 VDC required, **(2) option slots**, WiFi LAN/Bluetooth, Ethernet, serial and microB-USB ports, microSD card slot, no on-board I/O.
C2-08D2-6C	$191	CLICK PLUS **DISCRETE/ANALOG COMBO MODULE**, Analog Input: 4-channel, current, Analog Output: 2-channel, current, Discrete Input: 4-point, sinking/sourcing, Discrete Output: 4-point, sourcing.
C2-DCM	$250	CLICK PLUS **COMMUNICATION MODULE**, Modbus RTU and ASCII, 2 ports, (2) RS-232/RS-485 (6-pin terminal) port(s). For use with all CLICK PLUS PLCs. (2) C2-6TB terminal blocks included.

MORE CLICK PLUS MODULES AVAILABLE ONLINE!

BRX PLC DO-MORE FAMILY

BRX

▶ Built-In Data Logging
▶ Protocol conversion
▶ Integrated Motion Control
▶ **Modbus RTU to TCP conversion**

• Modular, easily adaptable PID control loops
• Integrated project, communication and OS security

BX-DM1E-36ED13

CPU FROM
BX-DM1-10AR-D

$438

BX-DM1E-36ED13
(SHOWN) **$1276**

INDUSTRY 4.0 READY

HTTP protocol and JSON PARSE/BUILD instructions for Web data exchange	IIOT/ BIG DATA FEATURES Added Webserver & Rest API for better access to plant-floor data

Modbus®
Modbus RTU
EtherNet/IP
DMX512

HTTP
ASCII
MQTT

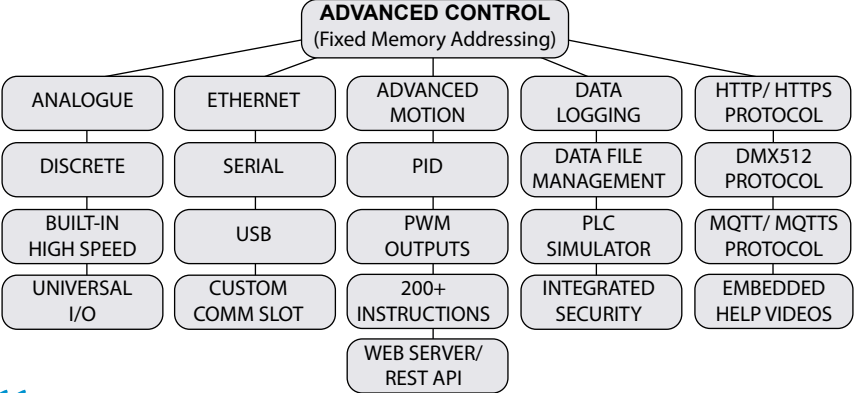## IIOT ENABLED PROGRAMMING POWERHOUSE

FREE SOFTWARE

FREE Software

The Do-more PLC family is determined to get it done. This programming powerhouse has one of the most advanced instruction sets in the market and many other features that allow it to stand strong against any challenge. The BRX PLC platform has everything you need to communicate in today's industrial environments. Whether your network is serial or Ethernet, BRX provides the ports and protocols required to navigate evolving communication options.

The BRX platform is a versatile stackable Micro PLC system that combines powerful features in a compact, stand-alone footprint.

A wide variety of expansion modules easily snap onto the side of any BRX Micro PLC Unit, creating a sturdy and rugged PLC platform. Expand with an additional 256 local I/O points using a wide variety of expansion modules.

Four unique form factors that each provide a strong system design to fit precise application requirements, while keeping the cost of the system to a minimum.

ADVANCED CONTROL
(Fixed Memory Addressing)

ANALOGUE	ETHERNET	ADVANCED MOTION	DATA LOGGING	HTTP/ HTTPS PROTOCOL
DISCRETE	SERIAL	PID	DATA FILE MANAGEMENT	DMX512 PROTOCOL
BUILT-IN HIGH SPEED	USB	PWM OUTPUTS	PLC SIMULATOR	MQTT/ MQTTS PROTOCOL
UNIVERSAL I/O	CUSTOM COMM SLOT	200+ INSTRUCTIONS	INTEGRATED SECURITY	EMBEDDED HELP VIDEOS

WEB SERVER/ REST API

" Advanced capabilities and continuous development adding new features. Extremely good value for money. "
Daniel, New Zealand

Full- featured hardware and software features that provide an extensive toolbox to satisfy even the most demanding projects.

• Project simulator
• User defined structure data types
• Support for tasks, programs, subroutines, and interrupt service routines (ISRs)
• Embedded video help
• Dashboard for easy navigation
• Enhanced troubleshooting tools including Debug, trend and PID views
• Complete program, data file and memory management
• Robust instruction set with custom motion profiles and Axis commands
• Seamless integration with high-level IT systems and IIoT/cloud platforms using MQTT(S), HTTP(S), FTP protocols and Rest API capability
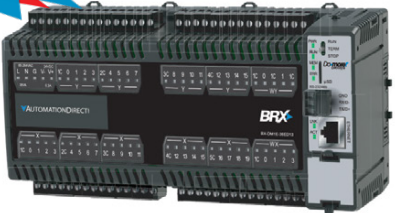
Do-more!

EMAIL DATA SECURELY

ETHERNET MODELS

STARTING PRICES

BX-DM1E-36ER3-D **$1184**	BX-DM1E-18ER3-D **$954**	BX-DM1E-10ER3-D **$850**	BX-DM1E-M-D **$751**
LARGEST MPU *36 BUILT-IN I/O*	*MID-RANGE MPU* *18 BUILT-IN I/O*	*SMALL MPU* *10 BUILT-IN I/O*	*SMALLEST MPU* *NO BUILT-IN I/O*
14 configurations from which to choose	2 configurations from which to choose	2 configurations from which to choose	2 configurations from which to choose

PLUGGABLE OPTION MODULES

STARTING PRICES

PLUGGABLE OPTION MODULES...

Hot-swappable POMs are available with RS232 (with and without flow control), RS422, RS485, USB 2.0, and Ethernet options. These modules can be swapped out as communication needs change - USB now and Ethernet later, or serial now but USB later, the choice is yours.

BX-P-USB-B **$101** BRX communication POM module, 1 port, (1) USB B port(s).

...FULL LINE UP ON OUR ONLINE STORE!

SKU	PRICE	DESCRIPTION
BX-DM1-10AR-D	**$438**	BRX Do-more PLC, 12-24 VDC required, serial port, microSD card slot, Discrete Input: 6-point, AC, Discrete Output: 4-point, relay.
BX-DM1E-M-D	**$751**	BRX Do-more PLC, 12-24 VDC required, Ethernet and serial ports, microSD card slot, no on-board I/O.
BX-DM1E-10ER3-D	**$850**	BRX Do-more PLC, 12-24 VDC required, Ethernet and serial ports, microSD card slot, Discrete Input: 6-point, AC/DC, Analog Input: 1-channel, current/voltage, Discrete Output: 4-point, relay, Analog Output: 1-channel, current/voltage.
BX-DM1E-18ER3-D	**$954**	BRX Do-more PLC, 12-24 VDC required, Ethernet and serial ports, microSD card slot, Discrete Input: 10-point, AC/DC, Analog Input: 1-channel, current/voltage, Discrete Output: 8-point, relay, Analog Output: 1-channel, current/voltage
BX-DM1E-36ER3-D	**$1184**	BRX Do-more PLC, 12-24 VDC required, Ethernet and serial ports, microSD card slot, Discrete Input: 20-point, AC/DC, Analog Input: 4-channel, current/voltage, Discrete Output: 16-point, relay, Analog Output: 2-channel, current/voltage.
BX-P-ECOMEX	**$258**	BRX communication POM module, MQTT Client, MQTTs Client, FTP Client, Do-more protocol, EtherNet/IP, Ethernet remote I/O and Modbus TCP, 1 port, (1) Ethernet 10/100Base-T (RJ45) port(s). For use with Ethernet enabled BRX MPUs.
BX-P-SER2-RJ12	**$164**	BRX communication POM module, Do-more protocol, Modbus RTU and ASCII, 1 port, buffered, (1) RS-232 (RJ12) port(s). For use with all BRX MPUs.
BX-08THM	**$570**	BRX temperature input module, thermocouple, 8-channel, 16-bit resolution, input thermocouple type(s): J, E, K, R, S, T, B, N, C. (1) BX-RTB10 screw terminal block kit included.
BX-16ND3	**$156**	BRX discrete input module, 16-point, 12-24 VDC, sinking/sourcing, 4 isolated common(s), 4 point(s) per common. Requires BX-RTB10, BX-RTB10-1 or BX-RTB10-2 terminal block kit or ZIPLink pre-wired cables.
BX-16TD2	**$216**	BRX discrete output module, 16-point, 12-24 VDC, sourcing, 4 isolated common(s), 4 point(s) per common, 0.5A/point. Requires BX-RTB10, BX-RTB10-1 or BX-RTB10-2 terminal block kit or ZIPLink pre-wired cables.
BX-16TR	**$230**	BRX relay output module, 16-point, 12-48 VDC/24-240 VAC, (16) Form A, 4 isolated common(s), 4 point(s) per common, 2A/point. Requires BX-RTB10, BX-RTB10-1 or BX-RTB10-2 terminal block kit or ZIPLink pre-wired cables.

EXPAND WITH STACKABLE I/O MODULES TO MEET THE INPUT/OUTPUT NEEDS OF THE APPLICATION AT HAND. FULL RANGE ONLINE!

ADVANCED CONTROL

P1-540 | P1-550

P2-550 | P2-622

P3-550E

EXPANSIVE BUILT-IN COMMUNICATION

FREE SOFTWARE

The Productivity PLC family offers the utmost versatility in both hardware and software. This scalable PLC line will easily conform to large systems with tons of I/O or smaller/segmented systems using limited I/O. With tag name programming, device integration that includes GS drives, Protos X field I/O and others, and a few WOW factors, like analog data displays, Productivity PLCs are a perfect fit for almost any application.
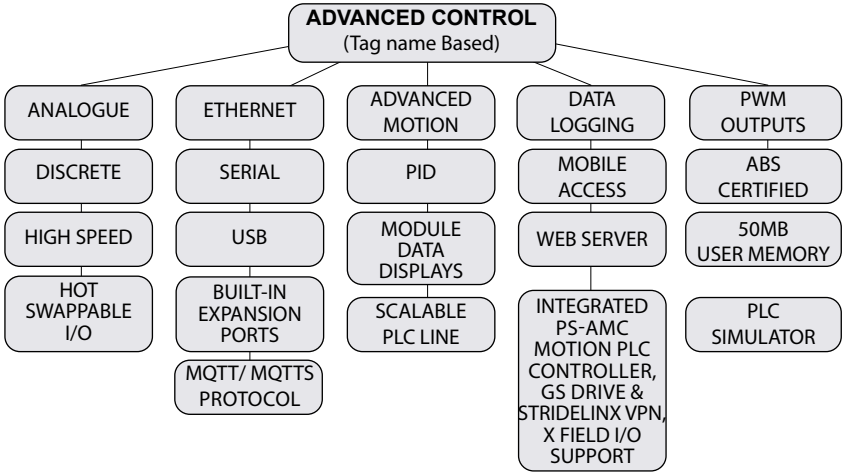
P1-540 (CPU) — $466

P2-622 (CPU) — $635

P3-550E (CPU) — $1130

SKU	PRICE	DESCRIPTION
P1-540	$466	Productivity1000 CPU, up to 50 MB ladder memory, microSD card slot, (1) Ethernet 10/100Base-T (RJ45), (1) RS-232 (RJ12), (1) RS-485 (4-pin terminal) and (1) microB-USB port(s), external 24 VDC required, battery included.
P1-550	$524	Productivity1000 CPU, up to 50 MB ladder memory, microSD card slot, (2) Ethernet 10/100Base-T (RJ45), (1) RS-232 (RJ12), (1) RS-485 (4-pin terminal) and (1) microB-USB port(s), external 24 VDC required, battery included.
P2-550	$699	Productivity2000 CPU, up to 50 MB ladder memory, 4 x 10 character OLED display, microSD card slot, (2) Ethernet 10/100Base-T (RJ45), (1) RS-232 (RJ12), (1) RS-485 (3-pin terminal) and (1) microB-USB port(s), battery included.
P2-622	$635	Productivity2000 CPU, up to 50 MB ladder memory, 4 x 10 character OLED display, microSD card slot, (2) Ethernet 10/100Base-T (RJ45), (1) RS-232/RS-485 (RJ12), (1) RS-232/RS-485 (4-pin terminal) and (1) USB C port(s), battery included.
P3-550E	$1130	Productivity3000 CPU, up to 50 MB ladder memory, 4 x 10 character LCD display, USB A storage, (2) Ethernet 10/100Base-T (RJ45), (1) RS-232 (RJ12), (1) RS-485 (3-pin terminal) and (1) USB A expansion port(s), battery included.

The **P2-622** PLC was designed to offer you the lowest cost of ownership in its class

Easily configure Ethernet parameters from the ladder code!

PORT 1 — ENTERPRISE NETWORK
PORT 2 — CONTROL NETWORK

The P2-622 CPU, with its configurable Port 2, can act as an inexpensive data bridge, transferring vital process data from the factory floor to upper-level enterprise systems.

ADVANCED CONTROL (Tag name Based)

- ANALOGUE
- DISCRETE
- HIGH SPEED
- HOT SWAPPABLE I/O
- ETHERNET
- SERIAL
- USB
- BUILT-IN EXPANSION PORTS
- MQTT/ MQTTS PROTOCOL
- ADVANCED MOTION
- PID
- MODULE DATA DISPLAYS
- SCALABLE PLC LINE
- DATA LOGGING
- MOBILE ACCESS
- WEB SERVER
- INTEGRATED PS-AMC MOTION PLC CONTROLLER, GS DRIVE & STRIDELINX VPN, X FIELD I/O SUPPORT
- PWM OUTPUTS
- ABS CERTIFIED
- 50MB USER MEMORY
- PLC SIMULATOR

Productivity offers three distinct form factors with two being rack-based and one being stackable. Each series offers different I/O capacities but all use the same programming software, allowing you to easily scale your control up or down depending on the application or machine build. The ProductivitySuite software provides versatile programming with tag name addressing that has no predefined memory structure, and offers convenient device integration for easy plug-and-play operation with our PS-AMC motion controllers, GS drives, Protos X field I/O, and StrideLinx VPNs.

SKU	PRICE	DESCRIPTION
P1-01DC	$127	Productivity1000 DC power supply, 12-24 VDC nominal input. External power supply optional. For applications not exceeding (8) P1000 modules.
P1-04AD-1	$294	Productivity1000 analog input module, 4-channel, current, 16-bit, external 24 VDC required. Requires P1-10RTB or P1-10RTB-1 removable terminal block or ZIPLink pre-wired cables.
P1-15CDD2	$163	Productivity1000 discrete combo module, Input: 8-point, 12-24 VDC, sinking/sourcing, Output: 7-point, 12-24 VDC, sourcing, 1A/point. Requires P2-RTB or P2-RTB-1 removable terminal block or ZIPLink pre-wired cables.
P1-16NE3	$151	Productivity1000 discrete input module, 16-point, 24 VAC/VDC, sinking/sourcing, 2 isolated common(s), 8 point(s) per common. Requires P2-RTB or P2-RTB-1 removable terminal block or ZIPLink pre-wired cables.
P2-01DCAC	$242	Productivity2000 AC/DC base power supply, 12-24 VDC/24 VAC nominal input. (1) power supply required per base.
P2-15TD2	$181	Productivity2000 discrete output module, 15-point, 12-24 VDC, sourcing, 1 common(s), 15 point(s) per common, 1A/point. Requires P2-RTB or P2-RTB-1 removable terminal block or ZIPLink pre-wired cables.
P2-16NE3	$192	Productivity2000 discrete input module, 16-point, 24 VAC/VDC, sinking/sourcing, 2 isolated common(s), 8 point(s) per common. Requires P2-RTB or P2-RTB-1 removable terminal block or ZIPLink pre-wired cables.
P2-16TR	$265	Productivity2000 relay output module, 16-point, 6-24 VDC/6-240 VAC, (16) Form A, 2 isolated common(s), 8 point(s) per common, 1A/point, 8A/common. Requires P2-RTB or P2-RTB-1 removable terminal block or ZIPLink pre-wired cables.
P3-01DC	$387	Productivity3000 DC base power supply, 24-48 VDC nominal input. (1) power supply required per base.
P3-08AD	$605	Productivity3000 analog input module, 8-channel, current/voltage, 16-bit, external 24 VDC required. Requires P3-RTB removable terminal block or ZIPLink pre-wired cables.
P3-16ND3	$344	Productivity3000 discrete input module, 16-point, 12-24 VDC, sinking/sourcing, 4 isolated common(s), 4 point(s) per common. Requires P3-RTB removable terminal block or ZIPLink pre-wired cables.
P3-16TR	$401	Productivity3000 relay output module, 16-point, 6-24 VDC/6-240 VAC, (16) Form A, 2 isolated common(s), 8 point(s) per common, 1.25A/point, 6.3A/common. Requires P3-RTB removable terminal block or ZIPLink pre-wired cables.

MORE MODULES AVAILABLE ONLINE! EXPLORE THE VERSATILITY AND SCALABLITY OF THE PRODUCTIVITY SERIES TODAY!

CM5 HMI SCREENS

NEW!

C-MORE CM5 SERIES HMI

The C-more CM5 series HMIs provide many hardware options with a variety of screen sizes and communication capabilities. CM5 HMIs also support the secure MQTT (with TLS) protocol which has become the frontrunner for many IIoT/ cloud applications.

But the best news?? The price tag! Check out how they compare to their EA9 predecessors...

CM5-T4W **$694** **NEW!**

C-more CM5 series touch screen HMI, 4.3in colour TFT LCD, analog resistive, widescreen, 480 x 272 pixel, WQVGA, LED backlight, (1) Ethernet, (2) serial and (2) USB ports and (1) memory card slot.

EA9-T12CL

CM5-T12W **$2271** $3411

C-more CM5 series touch screen HMI, 12.1in colour TFT LCD, analog resistive, widescreen, 1280 x 800 pixel, WXGA, LED backlight, (2) Ethernet, (3) serial and (4) USB ports and (1) memory card slot.

Wow!

EA9-T7CL-R

CM5-T7W **$1020** $1496

C-more CM5 series touch screen HMI, 7in colour TFT LCD, analog resistive, widescreen, 800 x 480 pixel, WVGA, LED backlight, (1) Ethernet, (2) serial and (2) USB ports and (1) memory card slot.

EA9-T15CL-R

CM5-T15W **$3510** $4189

C-more CM5 series touch screen HMI, 15.6in colour TFT LCD, analog resistive, widescreen, 1366 x 768 pixel, HD, LED backlight, (2) Ethernet, (3) serial and (4) USB ports and (1) memory card slot.

EA9-T10WCL

CM5-T10W **$1650** $2299

C-more CM5 series touch screen HMI, 10.1in colour TFT LCD, analog resistive, widescreen, 1024 x 600 pixel, WSVGA, LED backlight, (2) Ethernet, (3) serial and (4) USB ports and (1) memory card slot.

CM5-T22W **$4851** **NEW!**

C-more CM5 series touch screen HMI, 21.5in colour TFT LCD, analog resistive, widescreen, 1920 x 1080 pixel, FHD, LED backlight, (2) Ethernet, (3) serial and (4) USB ports and (1) memory card slot.

FREE! C-MORE CM5 SOFTWARE

DOWNLOAD & SIMULATE TODAY! NO HARDWARE OR KEY REQUIRED!!

CM5-PGMSW C-more Programming Software can be downloaded at no charge. The software requires a USB port or Ethernet connection* on your PC to connect to the C-more panel. Software Help Files are included in the download.

Supported Drivers

* Please refer to the technical specifications for further details.

AutomationDirect:
- Do-more, Productivity, CLICK, DirectLOGIC, Think & Do PLCs
- GS Drives
- SOLO Temperature Controllers
- K-Sequence
- DirectNET
- ECOM Ethernet

Modbus RTU

Modbus TCP/IP

Allen-Bradley:
- A-B DF1
- A-B EtherNet/IP Client
- A-B EtherNet/IP Server
- Generic IO Messaging

GE:
- 90/30, 90/70, Micro 90, VersaMax Micro (SNPX)
- 90/30, Rx3i (SRTP Ethernet)

Omron:
- Omron Host Link Adapter
- Omron FINS (Serial and Ethernet)

Mitsubishi:
- FX Series CPU
- FX-1N(C), 2N(C), 3U(C) CPU
- Q Series (QO2, Q02H, Q06H, Q12H, Q25H CPU)
- Q/QnA (Serial & Ethernet)

Siemens:
- S7-200 (Serial: PPI)
- S7-200 (Ethernet: ISO over TCP/IP)
- S7-300 (Ethernet: ISO over TCP/IP)
- S7-400 (Ethernet: ISO over TCP/IP)
- S7-1200 (Ethernet: ISO over TCP/IP)

REMOTE/ HEADLESS HMI

CM5-RHMI

$1259

DISPLAY UP TO FHD 1920×1080

EXPAND YOUR AUDIENCE!

HMIs are no longer confined to the enclosure door! With the C-more CM5-RHMI headless HMI you can display your factory floor data how and where you choose. The CM5-RHMI has all the powerful functionality of the C-more CM5 touch panel HMIs, without display size restrictions.

SAME FREE CM5 SOFTWARE! & FREE C-MORE REMOTE HMI APP!

VIEWMARQ LED MESSAGE DISPLAY

The ViewMarq message displays utilize both serial and Ethernet communications and can be connected to a PLC or PC or any device capable of serial ASCII master, Modbus RTU, or Modbus TCP communications. Messages can be controlled by any of the following methods:
- ASCII Input Strings through the RS232 or RS485 port
- Modbus RTU Messages through the RS232 or RS485 port
- Modbus TCP Messages through the Ethernet port.

SAVE WITH FREE SOFTWARE!!

SKU	PRICE	DESCRIPTION
MD4-0112T-1	$1350	1 line x 12 characters. 50mm max character size. Approx viewing distance 100ft.
MD4-0124T-1	$2024	1 line x 24 characters. 50mm max character size. Approx viewing distance 100ft.
MD4-0212T-1	$2385	2 line x 12 characters. 120mm max character size. Approx viewing distance 200ft.
MD4-0224T-1	$3612	2 line x 24 characters. 120mm max character size Approx viewing distance 200ft.
MD4-0412T-1	$2816	4 line x 12 characters. 241mm max character size. Approx viewing distance 400ft.
MD4-0424T-1	$4802	4 line x 24 characters. 241mm max character size. Approx viewing distance 400ft.

Other features include; store and trigger up to 200 messages, scrolling messages, blinking text and messages, display embedded PLC string and numeric variables, tri-colour LED (Red, Green, Amber), built-in Ethernet port; RS-232, and RS-485 serial ports, free, easy-to-use configuration software package.

ACHIEVE AND RHINO

RHINO ELECTRICAL

NEW! **ACHIEVE PSA SERIES SWITCHING POWER SUPPLY**

AchieVe PSA series power supplies are designed for price-sensitive users who require basic yet reliable power output for general industrial applications. Their overcurrent protection is designed to operate in constant current mode, making the PSA series suitable for inductive and capacitive load applications.

KNOCK OUT PRICES

SKU	PRICE	DESCRIPTION
PSA-24-75	$61	AchieVe PSA series switching power supply, 24 VDC @ 3.125A/75W, 120/240 VAC nominal input, 1-phase, enclosed, plastic housing, 35mm DIN rail mount, screw terminals.
PSA-24-120	$79	AchieVe PSA series switching power supply, 24 VDC @ 5A/120W, 120/240 VAC nominal input, 1-phase, enclosed, aluminum housing, 35mm DIN rail mount, screw terminals.
PSA-24-240	$146	AchieVe PSA series switching power supply, 24 VDC @ 10A/240W, 120/240 VAC nominal input, 1-phase, enclosed, aluminum housing, 35mm DIN rail mount, screw terminals.
PSA-24-480	$278	AchieVe PSA series switching power supply, 24 VDC @ 20A/480W, 120/240 VAC nominal input, 1-phase, enclosed, aluminum housing, 35mm DIN rail mount, screw terminals

RHINO PSB SERIES SWITCHING POWER SUPPLY

RHINO switching power supplies provide dependable DC power in easily mounted plastic or metal housings. RHINO offerS performance and reliability without the higher cost of full-featured power supplies.

HUGE SELECTION ONLINE INCLUDING BUFFER AND REDUNDANCY MODULES

SKU	PRICE	DESCRIPTION
PSB24-060S-P	$108	RHINO switching power supply, 24 VDC (adjustable) output, 2.5A, 60W, 85-264 VAC / 100-240 VDC input, 1-phase, overvoltage, short circuit and overload protection, voltage monitoring, plastic housing, 35mm DIN rail mount, screw terminals, NEC Class 2, hazardous location rated.
PSB24-060S	$128	RHINO switching power supply, 24 VDC (adjustable) output, 2.5A, 60W, 85-264 VAC / 120-375 VDC input, 1-phase, overvoltage, short circuit and overload protection, voltage monitoring, aluminum housing, 35mm DIN rail mount, removable screw terminal, hazardous location rated.
PSB24-120S	$230	RHINO switching power supply, 24 VDC (adjustable) output, 5A, 120W, 85-264 VAC / 120-375 VDC input, 1-phase, overvoltage, short circuit and overload protection, voltage monitoring, aluminum housing, 35mm DIN rail mount, removable screw terminal, hazardous location rated.
PSB24-240S	$366	RHINO switching power supply, 24 VDC (adjustable) output, 10A, 240W, 85-264 VAC / 120-375 VDC input, 1-phase, overvoltage, short circuit and overload protection, voltage monitoring, aluminum housing, 35mm DIN rail mount, removable screw terminal, hazardous location rated.
PSB48-120S	$227	RHINO switching power supply, 48 VDC (adjustable) output, 2.5A, 120W, 85-264 VAC / 120-375 VDC input, 1-phase, overvoltage, short circuit and overload protection, voltage monitoring, aluminum housing, 35mm DIN rail mount, removable screw terminal, hazardous location rated.
PSB48-240S	$367	RHINO switching power supply, 48 VDC (adjustable) output, 5A, 240W, 85-264 VAC / 120-375 VDC input, 1-phase, overvoltage, short circuit and overload protection, voltage monitoring, aluminum housing, 35mm DIN rail mount, removable screw terminal, hazardous location rated.

- **DIN RAIL MOUNT**
- **RUGGED MACHINE MOUNT**
- **SPECIALTY MODULES**
- **ENCAPSULATED CHASSIS MOUNT**
- **ENCLOSED CHASSIS MOUNT**

SKU	PRICE	DESCRIPTION
PSM24-090S	$314	**RHINO SELECT PSM series** switching power supply, 24 VDC @ 3.75A/90W (adjustable), 120/240 VAC nominal input, 1-phase, enclosed, metal housing, 35mm DIN rail mount, removable screw terminal.
PSP24-060S	$267	**RHINO SELECT PSP series** switching power supply, 24 VDC @ 2.5A/60W (adjustable), 120/240 VAC or 85-375 VDC nominal input, 1-phase, enclosed, plastic housing, 35mm DIN rail or chassis mount, removable screw terminal.
PSP24-DC12-1	$247	**RHINO DC to DC converter**, 9.5-18 VDC input, 24 VDC output, 1A, 25W, plastic housing, 35mm DIN rail mount, screw terminal, removable. DIN rail insert for panel mounting included.
PSE24-DC12-60	$233	**RHINO DC to DC converter**, 9.5-36 VDC input, 24 VDC output, 2.5A, 60W, plastic housing, encapsulated, chassis mount, screw terminal.
PSE15-230	$211	**RHINO PSE series** switching power supply, +15 VDC @ 1A/30W and -15 VDC @ 1A/30W, 120/240 (47-440 Hz) VAC or 120-370 VDC nominal input, 1-phase, encapsulated, plastic resin and fiberglass housing, chassis mount, screw terminals. *NOT YET ON OUR WEBSITE! THOUSANDS OF PRODUCTS AVAILABLE TO YOU! CONTACT OUR SALES STAFF TODAY!!!*
PSRP-15-DC24-150	$443	**RHINO PRO DC to DC converter**, 9-36 VDC input, 15 VDC output, 10A, 150W, aluminum housing, encapsulated, chassis mount, screw terminal.
PSRP-24-DC24-150	$443	**RHINO PRO DC to DC converter**, 9-36 VDC input, 24 VDC output, 6.3A, 150W, aluminum housing, encapsulated, chassis mount, screw terminal.
PH75PG	$266	**Hammond control transformer**, encapsulated core, 75 VA, 1-phase, 120/240 VAC primary, 12/24 VAC secondary, 50/60 Hz, panel mount.

ENCLOSURES

- MILD STEEL GREY RAL 7035 MSBxxx
- MILD STEET ORANGE RAL 2000 MSBxxx
- STAINLESS STEEL GRADE BSxxx

$162

FROM MSB202015G

IP66 MILD STEEL ENCLOSURE
200H x 200W x 150Dmm
Single door can be opened to 110 degrees and is reversible for convenience, tight seal to prevent any moisture or dust from entering the enclosure.

REMOTE ACCESS

3ONEDATA MANAGED AND UNMANAGED INDUSTRIAL SWITCHES

Industrial-grade communication products can withstand harsh environments and provide reliable data exchange between control devices that use various transmission media and protocols.

SKU	PRICE	DESCRIPTION
IES2105-5T-P48	$100	Unmanaged Switch- 5 ports 10/100Base-T(X), DC12-48VDC, DIN Rail, single power supply
NEW! IES2105-4T1F-P48	$177	Unmanaged Switch- 4 ports 10/100Base-T(X)+1 Fibre port 100Base-FX, Multimode, DC12-48V, SC Connectors *FANTASTIC VALUE WITH LOW PRICE TAG AND MULTIPLE PORT OPTIONS!*
IES2105-3T2F-P48	$387	Unmanaged Switch- 3 ports 10/100Base-T(X)+2 Fibre ports 100Base-FX, Single-mode, SC connectors, DC12-48V
IES618	$544	Web Managed Switch, 8 ports 10/100Base-T(X), DC12-36V
IES618-2F-M-SC	$751	Web Managed Switch, 6 ports 10/100Base-T(X)+2 ports 100Base-FX Multi-mode SC/ST, DC12-36V
IES2305-5GT-P48	$347	Industrial Gigabit Unmanaged Ethernet Switch- 5 port Gigabit copper RJ45 ports, 5 ports 10/100/1000Base-T(X). Dipswitch can be used to set Jumbo frame support, one-key VLAN or 100M port and flow control. -40 to +75deg C. Metal housing IP40. 12~48VDC power supply. DIN rail mount. Non-PoE
IES2010-2GS-4F-M-SC	$927	Industrial Gigabit Ethernet Switch- 4 ports 10/100Base-T(X)+4 ports 100Base-FX Multi-mode SC+ 2 gigabit Ethernet ports (SFP slots),12-48VDC

SERIAL CONVERTERS

FA-ISOCON	$314	AutomationDirect serial converter, RS-232 (RJ12) to RS-422/485 (5-pin terminal), isolation protection, 5 VDC from PLC or 24 VDC external nominal input, encapsulated, DIN rail or panel mount.
MB-GATEWAY	$554	AutomationDirect Modbus gateway, Ethernet to serial, (1) Ethernet 10/100Base-T (RJ45) and (1) RS-422/485 (6-pin terminal) port(s), (12) simultaneous Ethernet connections, (128) serial device(s), 12-24 VDC required.

Cables

COMMUNICATIONS CABLES AND CONNECTORS
Pre-terminated Ethernet patch and crossover cables, fiber optic cables, field wireable connectors, as well as serial and USB accessories, accommodate a variety of connection requirements.
More cable options page 34...

$15

FROM
C5E-STPBL-S3

IIOT COMMUNICATIONS

ARE YOUR SYSTEMS CYBER SECURE?

Wiesemann & Theis GmbH (W&T) in Germany is a trusted manufacturer of microcomputers with over 40 years experience linking industry, office and IT with reliable network and sensor technology as well as interface converters. As a basic measure for many IT security concepts the W&T micro-firewalls isolate critical systems (older devices, IoT systems, etc.) on a secure island in your network. The Microwall Bridge provides security when needed, quickly and simply, while the Microwall VPN and IO provide additional protection.
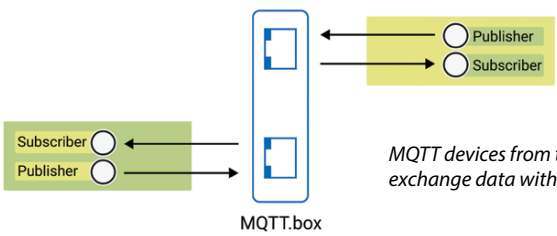
SKU	PRICE	DESCRIPTION
55411	$855	The **Microwall Bridge (firewall)** segments sensitive network areas without changing the IP configuration of the components which have been isolated. The preferred area of application is therefore the easiest possible, add-on security expansion of existing infrastructures. - 2x Ethernet 100/1000BaseT, Gigabit Ethernet, Screw terminals, 24V-48V DC POE.
55211	$925	The **Microwall VPN** with integrated WireGuard VPN server is a firewall that uses appropriate rules to protect your critical machines or systems from undesired or harmful access. Communication from and to the island is restricted to what is essential for operation, thereby significantly reducing the potential attack area. - 2x Ethernet 100/1000BaseT, Gigabit Ethernet, Screw terminals, 24V-48V DC POE.
55212	$1095	The **Microwall IO** with innovative I/O control for VPN access includes all the functions of the Microwall VPN. Use the digital in- and outputs to switch remote maintenance and firewall-specific actions in automation and process environments. Using a PLC output, a simple button or switch etc. VPN access, certain firewall rules or the status of the network interfaces can be controlled. - 2x Ethernet 100/1000BaseT, 2 switching inputs + 2 switching outputs, digital inputs + 2 digital 24V outputs, Screw terminals, 24V-48V DC POE.

$850 SKU: 55990

The **MQTT.box** is a high quality Mosquitto MQTT broker for DIN rail mounting. It enables communication between network-capable automation components using MQTT protocol. Thanks to the second network interface data can also be made available for an additional network segment without allowing access from one network to the other.
The back-end is based on the Mosquitto broker from the Eclipse Project, a widely tested and robust solution.

MQTT devices from two different network segments can exchange data with each other.

4G MODEMS, VPN, WI-FI

STRIDE AND STRIDELINX INDUSTRIAL IOT SOLUTIONS

The StrideLinx remote access solution provides affordable, secure access to remote machines or systems using a low-cost VPN router and FREE cloud service. Beyond free remote access, the StrideLinx platform can be upgraded with easy add-on subscriptions to enhance its capabilities including cloud data logging/reporting and cloud notify/alarming.

$22
SE-ANT210

STRIDE whip/straight 2.4 GHz WiFi antenna, IP65, connector mount. For use with SE-SL3011-WF VPN router and CLICK PLUS PLCs.

$82
SE-ANT250

STRIDE dome 2.4 GHz WiFi antenna, IP67, panel mount, 9.8ft/3m cable length. For use with SE-SL3011-WF VPN router and CLICK PLUS PLCs.

$94
SE-ANT150

STRIDE dome LTE antenna, IP67, panel mount, 9.8ft/3m cable length. For use with SE-SL3011-4G and SE-SL3011-4GG VPN routers.

$29
SE-ANT110

STRIDE whip/tilt LTE antenna, connector mount. For use with SE-SL3011-4G and SE-SL3011-4GG VPN routers.

$74
SE-ANT130

STRIDE whip/straight LTE antenna, magnetic base mount, 9.8ft/3m cable length. For use with SE-SL3011-4G and SE-SL3011-4GG VPN routers.

SE-SL3011 **$1047**
StrideLinx Pro industrial VPN router, wired Internet connectivity, (5) Ethernet Gigabit (RJ45) port(s), Android/iOS with mobile VPN, 12-24 VDC required.
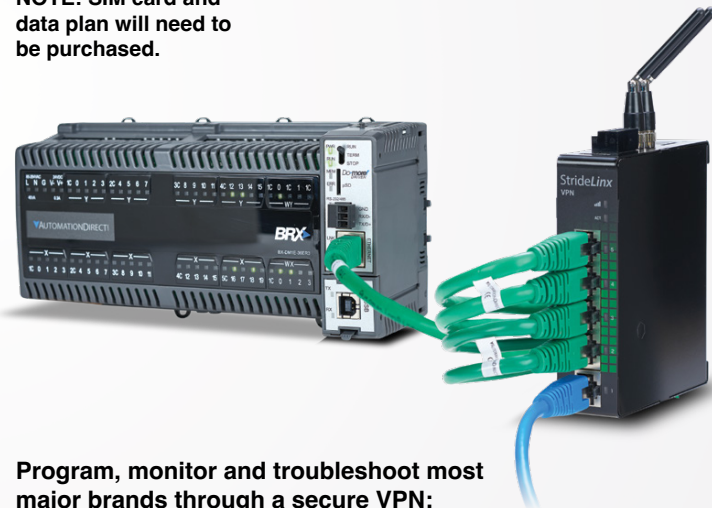
SE-SL3011-WF **$1314**
StrideLinx Pro industrial VPN router, wired + 802.11 b/g/n WiFi Internet connectivity, WiFi LAN and (5) Ethernet Gigabit (RJ45) port(s), Android/iOS with mobile VPN, 12-24 VDC required.

SE-SL3011-4GG **$1537**
StrideLinx Pro industrial VPN router, wired + 4G Global LTE and US LTE Verizon Internet connectivity, (5) Ethernet Gigabit (RJ45) port(s), Android/iOS with mobile VPN, 12-24 VDC required.

NOTE: SIM card and data plan will need to be purchased.

Program, monitor and troubleshoot most major brands through a secure VPN:

- **AutomationDirect**
- **Allen-Bradley**
- **Siemans**
- **Omron**
- **Schneider Electric**
- **Many More!**

ROUTER SE-SL3011
FROM
$1047

SE-SW5U-ST-WT **$735**
STRIDE industrial unmanaged Ethernet switch, 5 ports, (4) Ethernet 10/100Base-T (RJ45) and (1) multi-mode ST 100FX fiber port(s), -40 to +85 deg C, metal housing, IP40, 35mm DIN rail mount.
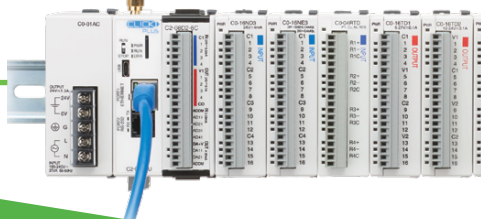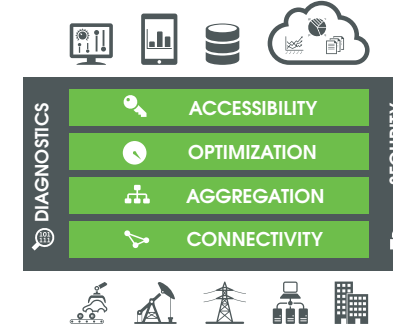
SGW-MQ1611 **$614**
STRIDE industrial MQTT gateway, (1) Ethernet 10/100Base-T (RJ45) and (1) RS-485 (2-pin terminal) port(s), wired Internet connectivity, 10-30 VDC required.

Connect, access, and control your industrial data.

kepware®

Need to get all your devices and systems talking? Then you need Kepware

DIAGNOSTICS

| ACCESSIBILITY |
| OPTIMIZATION |
| AGGREGATION |
| CONNECTIVITY |

SECURITY

PLC inside

StrideLinx

kepware®

Access the right data at the right time with factory-wide connectivity. Enable disparate industrial equipment and systems to speak the same language to provide real-time data to enterprise applications and IoT platforms.

Kepware is a portfolio of industrial connectivity solutions that help businesses connect diverse automation devices and software applications. Utilizing a scalable, unified architecture, Kepware provides the flexibility to combine drivers and consume multiple protocols in a single server while offering a streamlined interface for simple installation, configuration, maintenance, and troubleshooting.

New to Kepware?
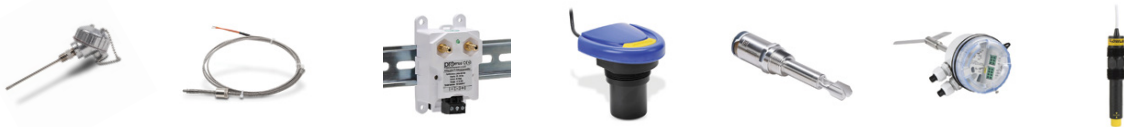Learn more

ptc

TEMP CONTROLLERS

SOLO STANDARD TEMPERATURE CONTROLLERS

SOLO Standard temperature controllers offer dual outputs to control heating and cooling simultaneously, using a temperature sensor or analog input and maintaining a setpoint using relay, voltage pulse, current or voltage outputs (depending on model). They support;

- PID,
- ON/OFF,
- Ramp/Soak and
- Manual control modes.

SKU	PRICE	DESCRIPTION
SL4824-CR-D	$255	SOLO standard temperature controller, 1/32 DIN, 2-line LED, current, voltage, RTD or thermocouple input, 4-20 mA, 3A SPST relay output, 24 VDC operating voltage, RS-485.
SL4824-RR	$255	SOLO standard temperature controller, 1/32 DIN, 2-line LED, current, voltage, RTD or thermocouple input, (2) 3A SPST relays output, 100-240 VAC operating voltage, RS-485.
SL4848-CR	$287	SOLO standard temperature controller, 1/16 DIN, 2-line LED, current, voltage, RTD or thermocouple input, 4-20 mA, 5A SPST relay, (2) 3A SPST relays output, 100-240 VAC operating voltage, RS-485.
SL4848-RR	$287	SOLO standard temperature controller, 1/16 DIN, 2-line LED, current, voltage, RTD or thermocouple input, (2) 5A SPST relays, (2) 3A SPST relays output, 100-240 VAC operating voltage, RS-485.
SL4848-VV	$272	SOLO standard temperature controller, 1/16 DIN, 2-line LED, current, voltage, RTD or thermocouple input, (2) 11-15 VDC pulse, (2) 3A SPST relays output, 100-240 VAC operating voltage, RS-485.
SL4896-RRE	$287	SOLO standard temperature controller, 1/8 DIN, 2-line LED, current, voltage, RTD, thermocouple or event input, (2) 5A SPDT relays, (2) 3A SPST relays output, 100-240 VAC operating voltage, RS-485.
SL4896-CRE	$315	SOLO standard temperature controller, 1/8 DIN, 2-line LED, current, voltage, RTD, thermocouple or event input, 4-20 mA, 5A SPDT relay, (2) 3A SPST relays output, 100-240 VAC operating voltage, RS-485.

SENSORS- VARIED

WE HAVE A HUGE SELECTION OF SENSORS! HERE IS JUST A SAMPLE....

PROSENSE TEMPERATURE SENSORS AND TRANSMITTERS

SKU	PRICE	DESCRIPTION
THMK-C06-01	$179	ProSense Type K thermocouple probe, single element, ungrounded junction, MgO insulated, 6 inch length, 1/4 inch outside diameter, 316 stainless steel sheath, 316 stainless steel hex nipple fitting with 1/2 inch NPT male process threads, NEMA 4X, IP66 rated aluminum screw cover connection head, ceramic terminal base with brass terminals and stainless steel screws, 32 to 1700 deg. F (0 to 927 deg. C) sensing range
THMK-T06L06-01	$91	ProSense Type K thermocouple probe, single element, ungrounded junction, MgO insulated, 6 inch length, 1/8 inch outside diameter, 316 stainless steel sheath, heavy-duty 400 deg. F (204 deg. C) rated lead wire transition with relief spring, 6-foot stranded conductor lead wires with stripped ends, fiberglass insulation and stainless steel overbraid, 32 to 1700 deg. F (0 to 927 deg. C) sensing range
RTD1-B01L06-01	$155	ProSense temperature sensor, Pt100 RTD, bolt-on ring, brass sheath, #6-#10 (4mm-5mm) screw or bolt size process connection, 6ft 24 AWG wire leads.

PROSENSE AIR DIFFERENTIAL PRESSURE TRANSMITTERS

SKU	PRICE	DESCRIPTION
DPTA-20-01	$324	ProSense air differential pressure transmitter, 0 to 1.0in of water column range, 4-20 mA analog output, 1/4in brass barbed process connection, 12 to 36 VDC operating voltage, screw terminals, 35mm DIN rail or panel mount.
DPTA-20-15	$316	ProSense air differential pressure transmitter, 0 to 15.0in of water column range, 4-20 mA analog output, 1/4in brass barbed process connection, 12 to 36 VDC operating voltage, screw terminals, 35mm DIN rail or panel mount.
DPTA-20-10	$316	ProSense air differential pressure transmitter, 0 to 10.0in of water column range, 4-20 mA analog output, 1/4in brass barbed process connection, 12 to 36 VDC operating voltage, screw terminals, 35mm DIN rail or panel mount.

LEVEL, VIBRATION, ROTATING, FLOAT SENSORS AND SWITCHES

SKU	PRICE	DESCRIPTION
LU27-00	$1600	Flowline EchoSonic II ultrasonic liquid level sensor, 9.8ft/3m sensing range, 4-20 mA, 14-28 VDC operating voltage, 1in male NPT process connection.
VFL75-100L-3H	$435	ProSense vibration fork liquid level switch, any orientation mount, 3.44in insertion length, 316L stainless steel wetted parts, -40 to 212 deg F, 3/4in male NPT process connection, switch PNP, 3-wire, N.O./N.C. complementary, 4-pin M12 quick-disconnect.
PLS-4P-1-24D	$741	ProSense rotating paddle bulk solids level switch, 100mm insertion length, 1-1/4in male NPT process connection, (1) SPDT relay, 20-28 VDC operating voltage. Hinged paddle included.
LP15-1405	$688	Flowline Switch-Tek guard capacitance liquid level switch, any orientation mount, 2.6in insertion length, polypropylene wetted parts, -40 to 176 deg F, 3/4in male NPT process connection, SPST relay, N.O./N.C. selectable.
FLS-HT-100	$142	ProSense float liquid level tilt switch, suspendible/submersible mount, EPDM rubber rectangular float, EPDM rubber rectangular, polypropylene, PVC wetted parts, 32 to 158 deg F, mercury-free SPDT switch.

PROXIMITY SENSORS

NEW!

WE HAVE A HUGE SELECTION OF SENSORS! HERE IS JUST A SAMPLE....

WOW!

CONTRINEX INDUCTIVE PROXIMITY SENSORS- Tubular

NOT YET ON OUR WEBSITE! THOUSANDS OF PRODUCTS AVAILABLE TO YOU! CONTACT OUR SALES STAFF TODAY!!!

SKU	PRICE	DESCRIPTION
DW-AS-603-M18-002	$39	Contrinex inductive proximity sensor, tubular, **18mm diameter** x 63.5mm body, nickel-plated brass housing, PNP, N.O. output, **5mm sensing distance**, flush, 2 kHz switching frequency, IP67, 4-pin M12 quick-disconnect.
DW-AS-613-M30-002	$55	Contrinex inductive proximity sensor, tubular, **30mm diameter** x 63.5mm body, nickel-plated brass housing, PNP, N.O. output, **15mm sensing distance**, non-flush, 700 Hz switching frequency, IP67, 4-pin M12 quick-disconnect.
DW-AS-611-M30-002	$55	Contrinex inductive proximity sensor, tubular, **30mm diameter** x 63.5mm body, nickel-plated brass housing, NPN, N.O. output, **15mm sensing distance**, non-flush, 700 Hz switching frequency, IP67, 4-pin M12 quick-disconnect.

MICRO DETECTORS INDUCTIVE PROXIMITY SENSORS- Tubular

AK1-AP-1A	$57	Micro Detectors inductive proximity sensor, tubular, **18mm diameter** x 50mm body, nickel-plated brass housing, PNP, N.O. output, **5mm sensing distance**, flush, 600 Hz switching frequency, IP67, pigtail.
AT1-AP-3H	$92	Micro Detectors inductive proximity sensor, tubular, **30mm diamete**r x 60mm body, nickel-plated brass housing, PNP, N.O. output, **15mm sensing distance**, flush, 150 Hz switching frequency, IP67, 4-pin M12 quick-disconnect
AT1-AN-3H	$92	Micro Detectors inductive proximity sensor, tubular, **30mm diameter** x 60mm body, nickel-plated brass housing, NPN, N.O. output, **15mm sensing distanc**e, flush, 150 Hz switching frequency, IP67, 4-pin M12 quick-disconnect.

MICRO DETECTORS ULTRASONIC PROXIMITY SENSORS

UK1A-GP-0E	$267	Micro Detectors ultrasonic proximity sensor, tubular, **18mm diameter** x 91.6mm body, polybutylene terephthalate housing, PNP, N.O./N.C. selectable output, **50-400mm sensing distance**, 10 Hz switching frequency, IP67, 4-pin M12 quick-disconnect.
UK1A-G1-0E	$291	Micro Detectors ultrasonic proximity sensor, tubular, **18mm diameter** x 91.6mm body, polybutylene terephthalate housing, 0-10 VDC analog output, **50-400mm sensing distance**, IP67, 4-pin M12 quick-disconnect.
UK1A-G7-0E	$311	Micro Detectors ultrasonic proximity sensor, tubular, **18mm diameter** x 91.6mm body, polybutylene terephthalate housing, PNP, 0-10 VDC analog output, N.O./N.C. selectable output, **50-400mm sensing distance**, 10 Hz switching frequency, IP67, 5-pin M12 quick-disconnect.

PHOTOELECTRIC SENSORS

NEW!

CONTRINEX PHOTOELECTRIC SENSORS - Rectangular

SKU	PRICE	DESCRIPTION
LHR-C23PA-PMS-101	$83	Contrinex photoelectric sensor, rectangular, **diffuse** with background suppression, 15-250mm sensing distance, complementary light-on/dark-on, NPN, potentiometer, 1000 Hz switching frequency, 4-pin M8 quick-disconnect.
LRR-C23PA-NMS-101	$74	Contrinex photoelectric sensor, rectangular, **polarized** retroreflective, visible red light emission, **30-6000mm** sensing distance, complementary light-on/dark-on, NPN, 4-wire, 4-pin M8 quick-disconnect.
TRR-C23PA-PMS-101	$112	Contrinex photoelectric sensor, rectangular, **polarized** retroreflective, visible red light emission, **20-4200mm** sensing distance, complementary light-on/dark-on, NPN, potentiometer, 4-wire, 4-pin M8 quick-disconnect.

CAN'T FIND WHAT YOU NEED ELSEWHERE? GIVE US A TRY!!!

OUR SALES STAFF WILL SEARCH THE MARKET FOR COMPARATIVE PRODUCTS THAT MEET YOUR SPECS AND YOUR TIMELINES

AUTOMATIONDIRECT PHOTOELECTRIC SENSOR- Rectangular

CXE-0N-1F	$86	AutomationDirect photoelectric sensor, rectangular, plastic housing, **through-beam** emitter, infrared light emission, **6m** sensing distance, 10-36 VDC operating voltage, 3-wire, 3-pin M8 quick-disconnect.
CXP-AN-1F	$140	AutomationDirect photoelectric sensor, rectangular, **polarized** retroreflective, visible red light emission, **2m** sensing distance, dark-on, NPN, potentiometer, 3-wire, 3-pin M8 quick-disconnect Purchase reflector separately.
CX3-AN-1F	$133	AutomationDirect photoelectric sensor, rectangular, **diffuse**, infrared light emission, **600mm** sensing distance, light-on, NPN, potentiometer, 1 kHz switching frequency, plastic housing, 3-pin M8 quick-disconnect.

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Over 35,000 quality industrial control products at great everyday prices are available to you and each one comes with the FREE customer service you deserve.

ENCODERS

Kit Encoder AMT   Light-duty TRD-SR   Medium Duty TRDA-25 (w/MS connector)   Medium Duty TRD-N   Medium Duty TRD-NH   Heavy-duty TRD-GK

SKU	PRICE	DESCRIPTION
TRD-SR200AD	$217	Koyo TRD-SR series incremental (quadrature) rotary encoder, **light** duty, 5-26 VDC, radial exit, NPN open collector output, **200 ppr**, 6mm solid shaft, 38mm diameter body, IP50, 6.5ft/2m cable length, pigtail.
TRD-SR360AD	$217	Koyo TRD-SR series incremental (quadrature) rotary encoder, **light** duty, 5-26 VDC, radial exit, NPN open collector output, **360 ppr**, 6mm solid shaft, 38mm diameter body, IP50, 6.5ft/2m cable length, pigtail.
TRD-SR2500AD	$227	Koyo TRD-SR series incremental (quadrature) rotary encoder, **light** duty, 5-26 VDC, radial exit, NPN open collector output, **2500 ppr**, 6mm solid shaft, 38mm diameter body, IP50, 6.5ft/2m cable length, pigtail.
TRD-SR2000AD	$227	Koyo TRD-SR series incremental (quadrature) rotary encoder, **light** duty, 5-26 VDC, radial exit, NPN open collector output, **2000 ppr**, 6mm solid shaft, 38mm diameter body, IP50, 6.5ft/2m cable length, pigtail.
TRD-SHR360A5D	$229	Koyo TRD-SR series incremental (quadrature) rotary encoder, **light** duty, 5-26 VDC, radial exit, NPN open collector output, **360 ppr**, 8mm hollow shaft, 38mm diameter body, IP50, 6.5ft/2m cable length, pigtail.
TRD-SHR500A5D	$229	Koyo TRD-SR series incremental (quadrature) rotary encoder, **light** duty, 5-26 VDC, radial exit, NPN open collector output, **500 ppr**, 8mm hollow shaft, 38mm diameter body, IP50, 6.5ft/2m cable length, pigtail.
TRD-SHR1024V5D	$237	Koyo TRD-SR series incremental (quadrature) rotary encoder, **light** duty, 5 VDC, radial exit, line driver (differential) output, **1024 ppr**, 8mm hollow shaft, 38mm diameter body, IP50, 6.5ft/2m cable length, pigtail.
TRD-N60-RZWD	$347	Koyo encoder, incremental (quadrature), **medium** duty, 60 ppr, 8mm solid shaft, 50mm diameter body, 5-30 VDC, push-pull (totem pole), IP65 (splash proof), 2-meter (6.5 ft.) cable exit. Mounting screws included.
TRD-N250-RZWD	$390	Koyo encoder, incremental (quadrature), **medium** duty, 250 ppr, 8mm solid shaft, 50mm diameter body, 5-30 VDC, push-pull (totem pole), IP65 (splash proof), 2-meter (6.5 ft.) cable exit. Mounting screws included.
TRD-N360-RZWD	$389	Koyo encoder, incremental (quadrature), **medium** duty, 360 ppr, 8mm solid shaft, 50mm diameter body, 5-30 VDC, push-pull (totem pole), IP65 (splash proof), 2-meter (6.5 ft.) cable exit. Mounting screws included.
TRD-N600-RZWD	$390	Koyo encoder, incremental (quadrature), **medium** duty, 600 ppr, 8mm solid shaft, 50mm diameter body, 5-30 VDC, push-pull (totem pole), IP65 (splash proof), 2-meter (6.5 ft.) cable exit. Mounting screws included.
TRD-NH600-RZWD	$441	Koyo encoder, incremental (quadrature), **medium** duty, 600 ppr, 8mm hollow shaft, 50mm diameter body, 5-30 VDC, push-pull (totem pole), IP65 (splash proof), 2-meter (6.5 ft.) cable exit
TRD-N2000-RZWD	$505	Koyo encoder, incremental (quadrature), **medium** duty, 2000 ppr, 8mm solid shaft, 50mm diameter body, 5-30 VDC, push-pull (totem pole), IP65 (splash proof), 2-meter (6.5 ft.) cable exit. Mounting screws included.
TRD-NA360NWD	$781	Koyo encoder, absolute, gray code, **medium duty**, 9-bit 360 ppr, 8mm solid shaft, 50mm diameter body, 10-26 VDC, NPN open collector, IP65 (splash proof), 2-meter (6.5 ft.) cable exit. Mounting screws included.
TRD-NA720NWD	$782	Koyo encoder, absolute, gray code, **medium** duty, 10-bit 720 ppr, 8mm solid shaft, 50mm diameter body, 10-26 VDC, NPN open collector, IP65 (splash proof), 2-meter (6.5 ft.) cable exit. Mounting screws included.

LIMIT SWITCHES

SKU	PRICE	DESCRIPTION
AAP2T13Z11	$33	Limit switch, IEC, galvanized **steel plunger** with polyamide **plastic roller**, 1 N.O. and 1 N.C. contact with snap action, miniature DIN, 30.3mm wide plastic body, IP65, 1 cable entry, PG11 threads. 1/2 inch NPT adapter included.
AAP2T41Z11	$34	Limit switch, IEC, **side rotary lever** with **polyamide roller**, 1 N.O. and 1 N.C. contact with snap action, miniature DIN, 30.3mm wide plastic body, IP65, 1 cable entry, PG11 threads. 1/2 inch NPT adapter included.
AAP2T51Z11	$35	Limit switch, IEC**, side rotary**, adjustable lever with **polyamide roller**, 1 N.O. and 1 N.C. contact with snap action, miniature DIN, 30.3mm wide plastic body, IP65, 1 cable entry, PG11 threads. 1/2 inch inch NPT adapter included.
ABM1E11Z11	$55	Limit switch, IEC, stainless steel **plunger** actuator, 1 N.O. and 1 N.C. contact with snap action, 40mm wide aluminum body, IP66, 1 cable entry, PG13.5 threads
ABM1E52Z11	$119	Limit switch, IEC, **adjustable lever** with stainless steel **roller actuator**, 1 N.O. and 1 N.C. contact with snap action, 40mm wide aluminum body, IP66, 1 cable entry, PG13.5 threads
ABM1E71Z11	$118	Limit switch, IEC, stainless steel **rod actuator**, 1 N.O. and 1 N.C. contact with snap action, 40mm wide aluminum body, IP66, 1 cable entry, PG13.5 threads
ABM1E92Z11	$61	Limit switch, IEC, 360 degree stainless steel **spring** with polyamide **tip actuator**, 1 N.O. and 1 N.C. contact with snap action, 40mm wide aluminum body, IP66, 1 cable entry, PG13.5 threads
ABM1E93Z11	$116	Limit switch, IEC, 360 degree stainless steel **spring actuator**, 1 N.O. and 1 N.C. contact with snap action, 40mm wide aluminum body, IP66, 1 cable entry, PG13.5 threads
ABM5E52Z11	$116	Limit switch, IEC, adjustable lever with stainless steel **roller actuator**, 1 N.O. and 1 N.C. contact with snap action, 40mm wide aluminum body, IP66, 3 cable entries, PG13.5 threads
ABM2E52Z11	$119	AutomationDirect IEC limit switch, side **rotary adjustable lever** with stainless steel **roller**, 90-degree adjustable head, (1) N.O./(1) N.C. contact(s), snap action, 30mm hole spacing, aluminum, (1) 1/2in NPT cable entry.

3 inch MICRO HMIs
C-MORE EA3 SERIES GRAPHICAL DEVICES

SKU	PRICE	DESCRIPTION
EA3-S3ML-RN	$381	C-more Micro EA3 series HMI, **non-touch**, 3in monochrome STN LCD, 128 x 64 pixel, LED backlight, (1) serial port.
EA3-S3ML-R	$471	C-more Micro EA3 series **touch** screen HMI, 3in monochrome STN LCD, analog resistive, 128 x 64 pixel, LED backlight, (1) serial port.
EA-MG-PGM-CBL	$173	AutomationDirect **programming cable** assembly, USB A to 6-pin RJ12, 6ft cable length. For use with C-more Micro panels, CLICK CPUs, Do-more H2 series CPUs, and DirectLOGIC CPUs.

SENSORS- SIGNAL CONDITIONERS

SKU	PRICE	DESCRIPTION
FC-B34	$376	AutomationDirect signal conditioner, isolated, bipolar voltage input, current or voltage output, 24 VDC operating voltage, 35mm DIN rail or panel mount, removable screw terminal plugs.
FC-ISO-C	$252	AutomationDirect signal conditioner, isolated, differential or single ended line driver input, open collector output, 7.8-24 VDC operating voltage, 35mm DIN rail or panel mount, removable screw terminal plugs.
FC-ISO-D	$254	AutomationDirect signal conditioner, isolated, differential or single ended line driver input, differential line driver output, 24 VDC operating voltage, 35mm DIN rail or panel mount, removable screw terminal plugs.
FC-35B	$377	AutomationDirect signal conditioner, isolated, current or voltage input, bipolar voltage output, 24 VDC operating voltage, 35mm DIN rail or panel mount, removable screw terminal plugs.
FC-P3	$328	AutomationDirect signal conditioner, isolated, potentiometer input, current or voltage output, 24 VAC/VDC operating voltage, 35mm DIN rail or panel mount, removable screw terminal plugs.
FA-DCDC-1	$204	AutomationDirect DC to DC converter, 12-24 VDC input, +/- 10 VDC, +/-5 VDC output, 0.125A, 3.75W, plastic housing, 35mm DIN rail mount, screw terminal, removable.
FC-11	$278	AutomationDirect signal conditioner, isolated, current input, current output, 24 VDC operating voltage, 35mm DIN rail or panel mount, removable screw terminal plugs.
FC-R1	$332	AutomationDirect temperature transmitter, isolated, RTD input, deg F or deg C, 4-20 mA output, 24 VDC operating voltage, 35mm DIN rail or panel mount, removable screw terminal plugs.
FC-T1	$329	AutomationDirect temperature transmitter, isolated, thermocouple or millivolt input, deg F or deg C, 4-20 mA output, 24 VDC operating voltage, 35mm DIN rail or panel mount, removable screw terminal plugs.
FC-33	$330	AutomationDirect signal conditioner, isolated, current or voltage input, current or voltage output, 24 VDC operating voltage, 35mm DIN rail or panel mount, removable screw terminal plugs.
FC-3RLY4	$321	AutomationDirect limit alarm, current or voltage input, (4) SPST relay output, 24 VAC/VDC operating voltage, 35mm DIN rail or panel mount, removable screw terminal block(s).
FC-5MM	$39	Terminal block, replacement, 5mm. Package of 5. For use with FC series signal conditioners.
FC-35MM	$70	Terminal block, replacement, 3.5mm. Package of 14. For use with FC series signal conditioners.

CURRENT SENSORS & TRANSDUCERS

SKU	PRICE	DESCRIPTION
ACS150-AE-F	$185	AcuAMP AC current switch, fixed core, 1-150A sensing range, 1-150A adjustable trip point, 15-turn potentiometer, solid state switch, N.O. output, 0.15A @ 240 VAC/VDC output rating.
ACS150-CE-S	$228	AcuAMP AC current switch, split core, 1.75-150A sensing range, 1.75-150A adjustable trip point, 4-turn potentiometer, solid state switch, N.C. output, 0.2A @ 135 VAC/VDC output rating.
ACS200-AD-S	$234	AcuAMP AC current switch, split core, 1.75-6, 6-40, or 40-200A selectable sensing range, 1.75-200A adjustable trip point, 4-turn potentiometer, solid state switch, N.O. output, 0.15A @ 30 VDC output rating.
ACS200-CD-S	$234	AcuAMP AC current switch, split core, 1.75-6, 6-40, or 40-200A selectable sensing range, 1.75-200A adjustable trip point, 4-turn potentiometer, solid state switch, N.C. output, 0.15A @ 30 VDC output rating.
ACSX200-AA-S	$272	AcuAMP AC current switch, split core, 2-12, 12-55, or 55-200A selectable sensing range, 2-200A adjustable trip point, 4-turn potentiometer, solid state switch, N.O., adjustable time delay output, 1A @ 240 VAC output rating.
ACT050-10-S	$291	AcuAMP AC current transducer, 1-phase, split core, 0-10, 0-20, or 0-50A selectable sensing range, 0-10 VDC output.
ACT050-42L-F	$231	AcuAMP AC current transducer, 1-phase, fixed core, 0-10, 0-20, or 0-50A selectable sensing range, 4-20 mA output.
ACT200-42L-F	$326	AcuAMP AC current transducer, 1-phase, fixed core, 0-100, 0-150, or 0-200A selectable sensing range, 4-20 mA output.
ACTR050-42L-F	$378	AcuAMP AC current transducer, 1-phase, fixed core, 0-10, 0-20, or 0-50A selectable sensing range, True RMS, 4-20 mA output.
ACTR050-42L-S	$474	AcuAMP AC current transducer, 1-phase, split core, 0-10, 0-20, or 0-50A selectable sensing range, True RMS, 4-20 mA output.
ACT200-42L-S	$350	AcuAMP AC current transducer, 1-phase, split core, 0-100, 0-150, or 0-200A selectable sensing range, 4-20 mA output.
ACTR200-42L-S	$482	AcuAMP AC current transducer, 1-phase, split core, 0-100, 0-150, or 0-200A selectable sensing range, True RMS, 4-20 mA output.
DCT100-10B-24-S	$531	AcuAMP DC current transducer, split core, bi-directional 0-100A input range, 24 VAC/DC powered, bi-polar +/- 0-10 VDC output, UL 508 listed
DCT100-42-24-S	$466	AcuAMP DC current transducer, split core, 0-50, 0-75, or 0-100A jumper-selectable input ranges, 24 VAC/DC powered, 4-20mA output, UL 508 listed
GFS30-M1B-24-F	$600	AcuAMP ground fault sensor, fixed core, jumper-selectable 5, 10, or 30 mA setpoint, SPST-N.C. relay output, manual reset, 24 VAC/DC powered, UL 1053 recognized

OVER 35,000 QUALITY INDUSTRIAL CONTROL PRODUCTS ARE AVAILABLE TO YOU!!

OUR SALES STAFF WILL SEARCH THE MARKET FOR COMPARATIVE PRODUCTS THAT MEET YOUR SPECS, BUDGET AND YOUR TIMELINES

WEG Switchgear
CWB Contactors

COMPACT IN SIZE.
GIANT IN TECHNOLOGY....

Accessories Compatible with the whole CWB line...

allows the assembly of compact starters with the MPW18, MPW40 and MPW80 motor protective circuit breakers and RW27-D and RW67-5D thermal relays. Choice of up to six auxiliary contacts. Compatible accessories also include, "Zero" mechanical interlocking sets, BLB, BLRB side mounting auxiliary contact blocks, quick connection Busbars for star delta and reversing starters.

CONTACTORS- CWB SERIES

Up to 80A / 45kW (AC-3)
Built-in 1NO + 1NC
Low Consumption DC Coils
Wide range of accessories
Type 1 / Type 2 coordination

CWB9-11-30D25 $29
Contactor 9 Amps 3 N.O Power poles Coil voltage 240 VAC 1 N.O / 1 N.C Auxilary Contact

CWB32-11-30D25 $122
Contactor 32 Amps 3 N.O Power poles Coil voltage 240 VAC 1 N.O / 1 N.C Auxilary Contact

CWB40-11-30D25 $135
Contactor 40 Amps 3 N.O Power poles Coil voltage 240 VAC 1 N.O / 1 N.C Auxilary Contact

CWB50-11-30D25 $165
Contactor 50 Amps 3 N.O Power poles Coil voltage 240 VAC 1 N.O / 1 N.C Auxilary Contact

CWB65-11-30D25 $230
Contactor 65 Amps 3 N.O Power poles Coil voltage 240 VAC 1 N.O / 1 N.C Auxilary Contact

CWB80-11-30D25 $304
Contactor 80 Amps 3 N.O Power poles Coil voltage 240 VAC 1 N.O / 1 N.C Auxilary Contact

See our online store for the full selection of CWB range and our complete line up of WEG Motor Control and Circuit Protection. We also offer a large selection of Pushbuttons, Selector Switches, Pilot Lights and Control Stations. We continue to stock the Mini CWC, CWM lines of contactors and relays.

THERMAL OVERLOADS- CWB SERIES

Bimetallic Amb. Compensated
Convertible Manual/Auto Reset
Setting Ranges Up To 840 Amps
Tripping Class 10A
UL, IEC, CE Approvals

RW27-2D3-D063 $43
Thermal overload relay bi-metallic adjustable FLA range 4.0- 6.3 Amps tripping class 10 phase loss sensitive, 45 mm frame hand/ Auto / Reset button.

RW27-2D3-U040 $61
Thermal overload relay bi-metallic adjustable FLA range 32-40 Amps tripping class 10 phase loss sensitive, 45 mm frame hand/ Auto / Reset button.

MOTOR CIRCUIT BREAKERS- CWB SERIES

Up to 100A / 55kW
Adjustable Thermal Protection
Fixed Magnetic Protection
13 x Iu Short-Circuit Release
Type 1 / Type 2 coordination

MPW18-3-D063 $52
Thermomagnetic Circuit Breaker 3 N.O Power Poles with Pushbutton ON/OFF (Range 4.0-6.3A)

MPW40-3-U040 $138
Thermomagnetic Circuit Breaker 3 Normally open Power poles 45 mm frame width rotary actuator 32-40 Amps FLA thermal overload trip rating

ELECTRONIC OVERLOAD RELAYS- CWB SERIES

Solid State overload protection up to 840A / 450kW
Wide current settings
Adjustable Thermal Class (10, 20 or 30)
Self-Supplied Remote Reset

RWB40E-3-A4U025 $151
Electronic Solid State Relays adjustable FLA range 5- 25 A adjustable trip class 10,20,30 manual / automatic reset mode phase loss and phase unbalance protection 1 N.0 / 1 N.C auxiliary contacts

PUSHBUTTONS, SELECTOR SWITCHES & PILOT LIGHTS

These user-friendly and durable pilot devices are used in many industrial applications and environments. IP66, 4X rated (totally insulated) and includes a complete line of accessories.

CSW-BF2-1000000-3VF $10
22mm Flush Pushbutton, Green + Flange + 1 N/O Auxiliary Contact.

EMERGENCY STOP STATIONS

PBW1Y-G11V03 $37
Emergency Stop Station with 1 N/O and 1N/C contacts, with a legend plate built into an IP66 enclosure.

CONTROL STATIONS

CSW-PBW-1Y $16
1 Hole Yellow or Grey Colour

CSW-PBW-4 $24
4 Holes Gray Colour

CSW-PBW-6 $37
6 Holes Gray Colour

MDWH CIRCUIT BREAKERS

• Up to 63A
• Trip curve B or C
• MCB in 1, 2, 3 and 4 poles
• 10kA short circuit breaking capacity (5kA also available)

MDWH-C32 $10
1P Mini Circuit Breaker C Class 32A 10kA

MULTI-FUNCTIONAL TIMER RELAYS AND ELECTRONIC RELAYS

ERWT-MF1-02MT1E05 $125
2 N. O / 2 N.C contacts. 8 selectable functions inc Star-Delta. 24 - 240V AC/DC

RPW-FSFD66 $82
Protection Relay Phase Loss/Seq

ENCLOSED DIRECT ON-LINE STARTERS

IP65 surface mount enclosed contactor assembled with thermal overload relay & pre wired control circuit. Knock-out suit M20 cable gland.
Available in various types of operation (On+Off; Remote; Reset; HAND/OFF/ AUTO switch) **Prices start from $82 (DLW-B9D25P66-R55)**

ADDITIONAL CONTACT BLOCKS- CWB SERIES

BFB front mounting (2 or 4 contacts)
BLB/ BLRB side mounting (2 contacts, only 9mm wide)

Allows combinations that result in up to 6 auxiliary contacts per contactor. For use with CWB9 through to CWB80. Maximum 4 auxiliary contacts per contactor.

BFB-11 $10   Aux. Contact (1NO + 1 NC)
BFB-20 $10   Aux. Contact (2NO + 0 NC)
BFB-02 $10   Aux. Contact (0NO + 2 NC)
BFB-22 $21   Aux. Contact (2NO + 2NC)
BFB-40 $21   Aux. Contact (4NO + 0NC)

BLB-11 $13   Aux. Contact (1NO + 1 NC)
BLB-20 $13   Aux. Contact (2NO + 0 NC)
BLB-02 $13   Aux. Contact (0NO + 2 NC)
BLRB-11 $13   Aux. Contact (1NO + 1 NC)
BLRB-20 $13   Aux. Contact (2NO + 0 NC)
BLRB-02 $13   Aux. Contact (0NO + 2 NC)

ACCESSORIES & SPARE PARTS- CWB SERIES

Surge suppressor blocks are easily mounted on the CWB contactors without requiring any kind of tools and without increasing volume.

The WEG mechanical interlock system enables the mechanical interlock between the contactors of the CWB line with "zero" additional side space, and it is possible to mount reversing starters of up to 125 A.

DIZB C26 $16 Surge Suppressor Block 12-250 VDC
VRB E49 $17 Surge Suppressor Block 24 VAC
VRB E50 $17 Surge Suppressor Block 240 VAC
VRB D73 $17 Surge Suppressor Block 415 VAC

IM1 $8   Mechnical interlock block CWB 9 - 38
IM2 $13   Mechnical interlock block CWB 40...125

AC VF DRIVES

DURAPULSE GS10 MICRO AC DRIVES

SKU	PRICE	DESCRIPTION
GS11N-20P2	$333	DURApulse GS10 series AC micro drive, enclosed, 230 VAC, **1/4hp** with 1-phase input, SVC or V/Hz mode, A1 frame, RS-485, integrated dynamic braking.
GS11N-21P0	$361	DURApulse GS10 series AC micro drive, enclosed, 230 VAC, **1hp** with 1-phase input, SVC or V/Hz mode, B2 frame, RS-485, integrated dynamic braking.
GS13N-40P5	$415	DURApulse GS10 series AC micro drive, enclosed, 460 VAC, **1/2hp** with 3-phase input, SVC or V/Hz mode, A4 frame, RS-485, integrated dynamic braking.
GS13N-45P0	$595	DURApulse GS10 series AC micro drive, enclosed, 460 VAC, **5hp** with 3-phase input, SVC or V/Hz mode, C1 frame, RS-485, integrated dynamic braking.

DURAPULSE GS20 GENERAL AND GS20X WASHDOWN AC DRIVES

SKU	PRICE	DESCRIPTION
GS21-20P2	$399	DURApulse GS20 series AC general purpose drive, enclosed, 230 VAC, **1/4hp** with 1-phase input, SVC, V/Hz, FOC or torque mode, A1 frame, RS-485, integrated dynamic braking. Optional EtherNet/IP and Modbus TCP card available.
GS21-21P0	$445	DURApulse GS20 series AC general purpose drive, enclosed, 230 VAC, **1hp** with 1-phase input, SVC, V/Hz, FOC or torque mode, B2 frame, RS-485, integrated dynamic braking. Optional EtherNet/IP and Modbus TCP card available.
GS21X-20P5	$714	DURApulse GS20X series AC general purpose drive, NEMA 4X, 230 VAC, **1/2hp** with 1-phase input, SVC, V/Hz, FOC or torque mode, A frame, RS-485, integrated dynamic braking. Optional EtherNet/IP and Modbus TCP card available.
GS23X-40P5	$860	DURApulse GS20X series AC general purpose drive, NEMA 4X, 460 VAC, **1/2hp** with 3-phase input, SVC, V/Hz, FOC or torque mode, A frame, RS-485, integrated dynamic braking. Optional EtherNet/IP and Modbus TCP card available.

DURAPULSE GS4 SERIES HIGH-PERFORMANCE AC DRIVES

SKU	PRICE	DESCRIPTION
GS4-21P0	$1364	DURApulse GS4 series AC high-performance drive, NEMA 1, 230 VAC, **1hp** with 3-phase input, 1/2hp with 1-phase input, SVC or V/Hz mode, A frame, RS-485, integrated dynamic braking. Optional EtherNet/IP and Modbus TCP cards available.
GS4-23P0	$1646	DURApulse GS4 series AC high-performance drive, NEMA 1, 230 VAC, **3hp** with 3-phase input, 1hp with 1-phase input, SVC or V/Hz mode, A frame, RS-485, integrated dynamic braking. Optional EtherNet/IP and Modbus TCP cards available.
GS4-42P0	$1480	DURApulse GS4 series AC high-performance drive, NEMA 1, 460 VAC, **2hp** with 3-phase input, SVC or V/Hz mode, A frame, RS-485, integrated dynamic braking. Optional EtherNet/IP and Modbus TCP cards available.
GS4-4010	$2368	DURApulse GS4 series AC high-performance drive, NEMA 1, 460 VAC, **10hp** with 3-phase input, SVC or V/Hz mode, B frame, RS-485, integrated dynamic braking. Optional EtherNet/IP and Modbus TCP cards available.

DURAPULSE

SENSORS- SAFETY

SAFETY SWITCHES

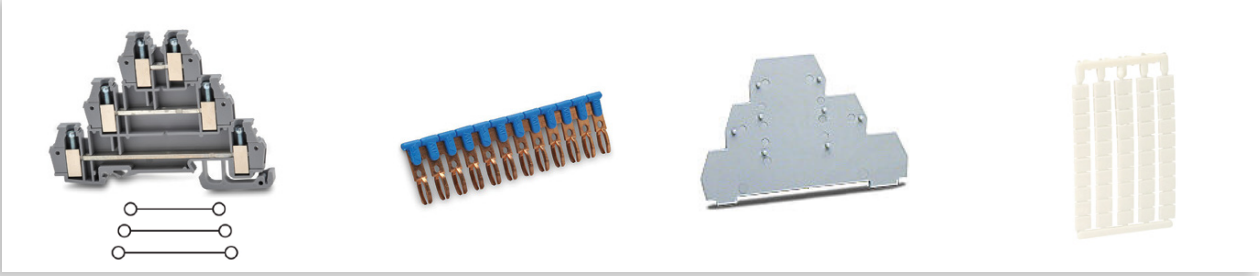*WE HAVE A HUGE SELECTION OF SAFETY PRODUCTS! HERE IS JUST A SAMPLE....*

SAFETY RELAYS AND SWITCHES

SKU	PRICE	DESCRIPTION
LPC-110005	$285	IDEM safety switch set, non-contact coded magnetic, (2) N.C. safety output(s), (1) N.O. monitoring output(s), plastic housing, 88 x 25mm, pigtail, 6.5ft/2m cable length.
LG5925-48-61-24	$356	Dold safety relay module, emergency stop and safety gate circuits, dual channel, manual or automatic restart, 24 VAC/DC coil voltage, 3 N.O. positive guided safety contact(s), 1 N.C. monitoring contact(s)
UG6961-02PS100-300	$491	Dold safety relay, emergency stop, multi delay functions, 0.1 to 300 seconds, 2-channel, 24 VDC, (2) N.O. time delay safety output(s), (1) N.O. time delay monitoring output(s), pluggable screw terminals.
SCR2H-180030	$827	IDEM safety relay, two-hand control, 2-channel, 24 VAC/VDC, (2) N.O. safety output(s), fixed screw terminals.
MGL-2P-U-461003	$1112	IDEM safety switch set, non-contact uniquely coded RFID, magnetic, 24 VDC to lock, 1000N holding force, (2) N.C. safety output(s), plastic housing, 64 x 96 x 37mm, (1) 8-pin M12 quick-disconnect, 9.8in/250mm cable length.
KL1-P-221302	$607	IDEM safety switch, tongue (key) interlock, solenoid, 24 VAC/VDC to unlock, 180-degree adjustable head, 1400N holding force, (2) N.C. safety output(s), (1) N.O. monitoring output(s), plastic body, (1) 1/2in NPT cable entry.
BH5932-22-113-24	$907	Dold safety relay, speed monitoring, (2) PNP sensor inputs, 2-channel, 24 VAC/VDC, (2) N.O. and (1) N.C. safety output(s), fixed screw terminals
UH6937-02PS-24	$1,317	Dold safety relay, frequency monitoring, multi delay functions, 1 to 600Hz, 2-channel, 24 VDC, (2) N.O. safety output(s), (2) N.O. monitoring output(s), pluggable screw terminals.
LSPS-171002	$57	IDEM safety limit switch, polyester plunger, (2) N.C. safety output(s), (1) N.O. monitoring output(s), slow action break before make, polyester, (1) 1/2in female NPT conduit.
GLHL-141057	$452	IDEM safety switch, cable-pull interlock, with reset, 125m maximum pull cable length, left hand head, (4) N.C. safety output(s), (2) N.O. monitoring output(s), die-cast aluminum body, (4) 1/2in NPT cable entries
HLM-EX-174065	$1184	IDEM safety limit switch, hazardous location rated, plunger with stainless steel roller, (2) N.C. safety output(s), (2) N.O. monitoring output(s), slow action break before make, die-cast zinc aluminum, pigtail.
CMC-F-135006	$557	IDEM safety switch set, **non-contact coded magnetic**, rear mount, (2) N.C. safety output(s), (1) N.O. monitoring output(s), 316 stainless steel housing, 83 x 20mm, pigtail, 16.4ft/5m cable length.
KM-203002	$185	IDEM safety switch, **tongue (key) interlock**, 90-degree adjustable head, (2) N.C. safety output(s), (1) N.O. monitoring output(s), 40 x 118 x 41mm, die-cast aluminum body, die-cast aluminum head.

DIN RAIL TERMINALS & CONNECTORS

TRIPLE-LEVEL FEEDTHROUGH TERMINAL BLOCKS

SKU	PRICE	DESCRIPTION
DN-TL14-A	$172	DINnector screw triple-level feedthrough terminal block, accepts wire size 26-14 AWG, gray, 10A, 35mm DIN rail mount, 10kA SCCR. Package of 25. For use with jumpers DN-12JL14B-A, DN-12JL14-A, DN-2JL14B-A, DN-2JL14-A, DN-3JL14B-A, and DN-3JL14-A.
DN-12JL14B-A	$59	DINnector terminal block jumper, push-in type, 12-pole, blue, 20A, 300V rated (UL). Package of 10. For use with DN-TL14-A, DN-TL14S-A, DN-TL14SLP or DN-14SLN-A series terminal block.
DN-T10-A	$196	DINnector screw single-level feedthrough terminal block, accepts wire size 24-10 AWG, gray, 30A, 35mm DIN rail mount, 100kA SCCR. Package of 100. For use with jumpers DN-24J4Y, DN-2J4Y and DN-3J4Y.
DN-EC14	$44	DINnector terminal block end cover, gray. Package of 25. For use with DN-TL14 series terminal blocks.
DN-LATB-A	$81	DINnector marking tag, 5 x 6mm, blank. Package of 500. For use with DN-TL14, DN-TL14S, DN-TL14SLP and DN-TL14SLN terminal blocks.
DN-EB35	$182	DINnector screw-down end bracket, 9mm wide. Package of 50. For use with 35mm DIN rail.
DN-LATB-A	$81	DINnector mini supplementary protector, with reset, 1A, 250 VAC/75 VDC, blade connection, 1-pole, UL 1077 recognized. For use with DN-FE2 and DN-FE4 series socket.
DN-SUPP-1-1	$40	DINnector mini supplementary protector, with reset, 1A, 250 VAC/75 VDC, blade connection, 1-pole, UL 1077 recognized. For use with DN-FE2 and DN-FE4 series socket.

INSULATED FERRULES

SKU	PRICE	DESCRIPTION
V30AE000045	$21	Z+F ferrule, 18 AWG, red, follows DIN standard, 8mm ferrule length. Package of 500.
V30AE000038	$21	Z+F ferrule, 20 AWG, white, follows DIN standard, 8mm ferrule length. Package of 500.
V30AE000049	$35	Z+F ferrule, 16 AWG, black, follows DIN standard, 10mm ferrule length. Package of 500.

DIN RAIL AND SUPPORT BRACKET

SKU	PRICE	DESCRIPTION
DN-R35SAL1	$202	DINnector DIN rail, slotted, 35mm, 10mm height, 1m length, aluminum. Package of 10.
DN-SSB25-10	$66	AutomationDirect standard DIN rail support bracket, 25mm height, zinc plated steel. Package of 10. For use with 35mm DIN rail.
DN-SSB90-10	$103	AutomationDirect standard DIN rail support bracket, 90mm height, zinc plated steel. Package of 10. For use with 35mm DIN rail.

FOOT SWITCHES

ELECTRIC AND PNEUMATIC MANUAL VALVE MODELS

SKU	PRICE	DESCRIPTION
APS1211-V0	$163	Electric foot switch, single, yellow ABS plastic foot guard, gray ABS plastic base and pedal, safety anti-trip momentary actuating pedal, 1 N.O. and 1 N.C. snap action contact
APS1113-V0-M	$219	Electric foot switch, single, yellow die-cast aluminum foot guard, gray ABS plastic base and pedal, free moving momentary actuating pedal, 2 N.O. and 2 N.C. snap action contacts
APS1151-V0	$161	Electric foot switch, single, red ABS plastic half foot guard, gray ABS plastic base and pedal, free moving momentary actuating pedal, 1 N.O. and 1 N.C. snap action contact
APD1113-V0-M	$529	Electric foot switch, double, two yellow die-cast aluminum foot guards, gray ABS plastic base and pedals, free moving momentary actuating pedals, each with 2 N.O. and 2 N.C. snap action contacts
APD1231-V0	$379	Electric foot switch, double, one yellow and one gray ABS plastic foot guard, gray ABS plastic base and pedals, safety anti-trip momentary actuating pedals, each with 1 N.O. and 1 N.C. snap action contact
CVS-5272-FP	$148	NITRA manual valve, 5-port (4-way), 2-position, non-locking foot pedal, spring return, 1/4in female NPT inlet(s), 1/4in female NPT outlet(s), Cv=0.8.

VISUAL & AUDIBLE DEVICES
TOWER LIGHTS AND SOUND MODULES

30mm & 70mm MODULAR TOWER UNITS AND ALARMS

SKU	PRICE	DESCRIPTION
0570TBS01KH	$12	70mm Black Standard Cone Base with tube length 10mm.
0570RDWFH	$26	70mm Red Light Module (12-24VDC), continuous or flashing.
0530TBS01W	$15	30mm White S-Type with Cap - Standard cone base with tube length 10mm.
0530RDWL	$14	30mm Red Light Module (12/24VDC) continuous.
0570ZDWFKH	$20	Audible beeper element, up to 85dB at 1m, continuous or intermittent sounds.
0570PDWAK	$49	Audible music or messaging element 85dB at 1m, 12-24VDC.

WIRING SOLUTIONS

ETHERNET CABLES- Cat5e & Cat6a

SKU	PRICE	DESCRIPTION
C5E-STPGY-S3	$15	Ethernet patch cable, **Cat5e** STP (twisted pairs with overall foil shield), **3 ft**. (0.9m) length, **gray** PVC cable jacket. RJ-45 male connectors, 350 MHz, 4-pair 24 AWG stranded copper. Can support 10 / 100 / 1000 Mbps; exceeds Category 5e cable specifications.
C5E-STPBK-S7	$22	Ethernet patch cable, **Cat5e** STP (twisted pairs with overall foil shield), **7 ft**. (2.1m) length, **black** PVC cable jacket. RJ-45 male connectors, 350 MHz, 4-pair 24 AWG stranded copper. Can support 10 / 100 / 1000 Mbps; exceeds Category 5e cable specifications.
C5E-STPPL-S10	$27	Ethernet patch cable, **Cat5e** STP (twisted pairs with overall foil shield), **10 ft**. (3.0m) length, **purple** PVC cable jacket. RJ-45 male connectors, 350 MHz, 4-pair 24 AWG stranded copper. Can support 10 / 100 / 1000 Mbps; exceeds Category 5e cable specifications.
C5E-STPOR-S14	$26	Ethernet patch cable, **Cat5e** STP (twisted pairs with overall foil shield), **14 ft**. (4.3m) length, **orange** PVC cable jacket. RJ-45 male connectors, 350 MHz, 4-pair 24 AWG stranded copper. Can support 10 / 100 / 1000 Mbps; exceeds Category 5e cable specifications.
C5E-STPGN-S25	$46	Ethernet patch cable, **Cat5e** STP (twisted pairs with overall foil shield), **25 ft**. (7.5m) length, **green** PVC cable jacket. RJ-45 male connectors, 350 MHz, 4-pair 24 AWG stranded copper. Can support 10 / 100 / 1000 Mbps; exceeds Category 5e cable specifications.
C5E-STPYL-S50	$80	Ethernet patch cable, **Cat5e** STP (twisted pairs with overall foil shield), **50 ft**. (15.2m) length, **yellow** PVC cable jacket. RJ-45 male connectors, 350 MHz, 4-pair 24 AWG stranded copper. Can support 10 / 100 / 1000 Mbps; exceeds Category 5e cable specifications.
NEW! C6A-STPBL-S3	$29	AutomationDirect **Cat6a** Ethernet straight-through patch cable, STP (overall foil shield), RJ45 male to RJ45 male, **3ft** cable length, **blue**. For use with 10/100/1000/10000 Mbps networks. **CAT6A ETHERNET CABLES NOW AVAILABLE!!**

ZIPLink

Why spend the time wiring each PLC I/O point to a terminal when you can get them prewired? ZIPLink pre-wired cables and modules save valuable time, keep your installation clean and efficient, and use half the space at a fraction of the cost of standard terminal blocks.

ZIPLink PRE-WIRED CONNECTION CABLES AND MODULES

SKU	PRICE	DESCRIPTION
ZL-C0-CBL20	$64	ZIPLink PLC I/O cable, 20-position terminal block to 24-pin connector, 1.6ft/0.5m cable length. For use with CLICK PLC modules.
ZL-RFU20	$281	ZIPLink fuse module, 16-point, user-supplied external fuse, 0-75 VDC/0-250 VAC, 2A/circuit, DIN rail mount. (Fuses not included)
ZL-RTB20	$61	ZIPLink feedthrough module, 20-pole, DIN rail mount
ZL-RTB40	$101	ZIPLink feedthrough module, 40-pole, DIN rail mount.
ZL-BX-CBL40-S	$76	ZIPLink PLC I/O cable, 40-pin connector to 40-pin connector, shielded, 1.6ft/0.5m cable length. For use with BRX series high-speed modules.
ZL-P1-CBL18-1P	$44	ZIPLink PLC I/O cable, 18-position terminal block to pigtail, 90-degree connector angle, 3.2ft/1m cable length. For use with Productivity1000 modules.

HANDTOOLS

NEW!

STANDARD SCREWDRIVERS AND SETS

SKU	PRICE	DESCRIPTION
TW-SD-SET-1	$102	Wera Kraftform Plus 300 series screwdriver set, 6 pieces
TW-SD-SL-1	$13	Wera Kraftform Plus 3.0mm slotted standard screwdriver, 3.1in (80mm) shaft length.
05008715055	$27	Wera Kraftform Plus #1 Phillips standard screwdriver, 11.8in (300mm) shaft length.

INSULATED SCREWDRIVERS AND SETS

SKU	PRICE	DESCRIPTION
TW-SD-SET-2	$108	Wera Kraftform Plus 100 VDE series insulated screwdriver set, 6 pieces, 1000V insulation rating.
TW-SD-VSL-1	$15	Wera Kraftform Plus 2.5mm slotted insulated screwdriver, 1000V insulation rating, 3.1in (80mm) shaft length.
05006440055	$28	Wera Kraftform Plus 3.5mm slotted insulated screwdriver, 1000V insulation rating, 3.9in (100mm) shaft length, reduced shank.

WRENCHES, RATCHETS AND SOCKET SET

SKU	PRICE	DESCRIPTION
05004018055	$267	Wera socket set with Zyklop Metal switch lever ratchet, 1/4in drive, metric, 28 pieces.
05004004055	$107	Wera Zyklop Metal ratchet, switch lever, 1/4in drive, 5 degree return angle, all-metal construction.
05006440055	$28	Wera Kraftform Plus 3.5mm slotted insulated screwdriver, 1000V insulation rating, 3.9in (100mm) shaft length, reduced shank.

COMBINATION WRENCHES AND WRENCH SETS

SKU	PRICE	DESCRIPTION
05020013055	$721	Wera Joker ratcheting combination wrench set, metric, 11 pieces, includes 8, 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19mm wrenches. Durable cloth pouch included.
05073268055	$50	Wera Joker combination wrench, ratcheting, 8mm, 9.3in (235mm) overall length, special nut holding feature and fine tooth ratchet.

HUGE SELECTION- CHECK OUR ONLINE STORE!!

ZIPLINKS & CABLES

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