

SOLUCIONES DE FABRICACIÓN

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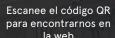
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Potencie su instalación con productos líderes en la industria

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HDMI CONTROLADORES DE MOTOR SENSORES INTERRUPTORES HERRAMIENTAS SUMINISTROS DE PRO-DUCCIÓN

PLC



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NUESTRO EQUIPOPOTENCIA SU ÉXITO



NUESTROS SERVICIOS



Un distribuidor mundial de electrónica que le brinda soporte local: en persona, por teléfono o en línea.

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Cotizaciones de requisitos de volumen: un equipo dedicado a brindarle asistencia para cotizarle el mejor precio posible.



Abastecimiento fuera del catálogo: cuando el producto no está disponible en nuestra gama, nuestro equipo puede ayudarle a obtenerlo directamente del fabricante.



Carga de lista de piezas (BoM manager): cargue la lista completa de piezas o lista de materiales con nuestra herramienta de carga automatizada (BoM).

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Servicio de notificación de cambios en el producto: advertencia temprana por correo electrónico sobre cambios de materiales, componentes obsoletos, descontinuados o existencias agotadas.



Servicios de calibración: ofrecemos dos niveles de calibración de productos nuevos de pruebas y medición que nos haya comprado.



Gabinetes personalizados: ofrecemos modificaciones estándar o personalizaciones completas de gabinetes para que sean compatibles con su diseño

SU SOCIO FABRICANTE



Más de **80,000 productos de automatización y control** industrial.



42 fabricantes líderes como Festo, Schneider, ABB, Omega, Honeywell.



Nuestro **nuevo centro de control y automatización industrial** ofrece recursos técnicos dedicados para lloT.



Guías de soluciones, documentos técnicos, módulos de capacitación, pódcast y más.

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Más de **350,000 productos industriales** para todas las necesidades de su fábrica: pruebas, herramientas, equipos de protección personal, productos químicos y más.

HOLA, LE DAMOS LA BIENVENIDA A NUESTRA EXHIBICIÓN De soluciones de fabricación

En Newark, nos entusiasma la Industria 4.0 y las oportunidades relacionadas con IIoT que se ofrecen para potenciar la eficiencia en la fabricación. Reducir el tiempo de inactividad, mejorar la eficiencia energética y la productividad, al mismo tiempo que se reducen los costos, ofrecen beneficios significativos para los fabricantes. Sin embargo, los principios de la Industria 4.0 pueden ser complejos, y saber dónde y cómo empezar es desafiante.

En Newark, trabajamos con algunos de los proveedores más grandes para que los clientes de todos los tamaños puedan aprovechar las ventajas de estos conceptos, y hemos expandido significativamente nuestra gama de productos para que usted pueda impulsar una mejor eficiencia en el proceso de fabricación.

Explore los destacados entre más de **350,000** productos industriales en línea.



Simon Meadmore Vicepresidente, Gestión de productos y proveedores

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Escanee el código QR para explorar IAC en línea

CENTRO DE RECURSOS TÉCNICOS

Aprenda acerca de las innovaciones, manténgase informado,inspírese

Una selección integral de productos clasificada en situaciones de diseño, últimas noticias y tendencias, recursos y herramientas de diseño que le permiten utilizar desde el concepto de diagrama de bloques hasta obtener la solución para las aplicaciones de segmento vertical.



Explore nuestra biblioteca en crecimiento de:











Documentos técnicos Artículos Proc

Procedimientos

Seminarios web Pódcast







INDUSTRIAL LORWANN GATEWAY

The WISE-6610 is a highperformance LoRaWAN gateway that offers reliable connectivity for industrial environments. It supports the LoRaWAN protocol for building LoRaWAN private and public networks, as well as various protocols including MQTT. T

Order Code 54AH9768

SWITCH, 5 PORTS, INDUSTRIAL, UNMANAGED FAST ETHERNET, DIN RAIL, RJ45 X 5, 10MBPS, 100MBPS

1240840000 from Weidmuller is a fast Ethernet switch with 5 RJ45ports. This rugged hardware design is well suited for hazardous locations (Class I Div. 2 /ATEX) and maritime environments (DNV/GL).

Order Code

44T5715

SWITCH, 4 PORTS, INDUSTRIAL, MANAGED FAST ETHERNET, DIN RAIL RJ45 X 1, 10MBPS, 100MBPS

The GECKO 4TX is an industrial Ethernet Switch ideally suited for use in smaller networks or on the edge of larger installations. The device guarantees reliable data communication and enhanced redundancy and diagnostic features.

Order Code 75X8161

NEON INDICATOR, ORG.

RECTANGULAR, 250VAC ROHS COMPLIANT: YES

To maintain design continuity, these switch sizes, panel mounts, and indicators can be installed next to switches on a panel. Ideal for many uses, including as control panels, office equipment, and HVAC systems.

Order Code 85AJ3426

LIQUID LEVEL CONTROLLERS

Fully automatic operation enables both draining and filling simultanelously with a single device. Adjustable sensitivity level from 1k to 200k Ohm, 110VAC, 240VAC & 400VAC supply voltage options

Order Code 69AK8673



Weidmüller 3E

multicomp PRO

multicomp PRO

AD\ANTECH

MULTIHOP ETHERNET DATA RADIO

DX80ER9M-H is a Sure Cross® MultiHop Ethernet data radio wireless industrial communication device used to create point to multipoint configurations of wireless Ethernet networks. It provides extremely reliable communication in large plants, over long distances, or through difficult terrain. Order Code

75X9215

SWITCH, 8 PORTS, INDUSTRIAL, UNMANAGED **GIGABIT ETHERNET, DIN** RAIL, RJ45 X 8

Unmanaged industrial Ethernet switches provide a full Gigabit Ethernet non-blocking switch with 8 ports, a nominal voltage of 24, 48 volts, and an operating temperature range of -40 to +70 degrees Celsius.



36AJ7010

SWITCH, 8 PORTS, INDUSTRIAL, ETHERNET, DIN RAIL, RJ45 X 8, 10MBPS, 100MBPS, 1GBPS

ETHERNET switch (852-1112) has 8 Gigabit ETHERNET ports for easily setting up small- to medium-sized networks. Its slim design paired with a DIN-rail adapter simplifies installation in the control cabinet and provides high vibration and shock resistance. Order Code

08AC2192

NEON INDICATOR, ORANGE, 10MM, DOME, 250V ROHS COMPLIANT: YES

Panel Indicator Lights - indicator lights are an important visual component on many applications. These are 250V neon indicators, available in red, green or amber, with 10mm cut-out.

Order Code 85AJ3429

IPS TFT DISPLAYS - SCREEN SIZES FROM 4.3" TO 15.6"

These next-generation of IPS TFT HDMI Displays offer a simple & fast method to integrate a display into your product via an LVDS conversion module on board. Ideal for use with Raspberry Pi, UP or iBASE computers.



multicomp PRO

Order Code 59AK7440



W/Ago

multicomp PRO

BANNER

DEVICE SERVER, ETHERNET TO SERIAL, 4 PORT, RS-232, 230400 BAUD RATE

A web interface allows secure configuration and control of the serial ports over a local network or the internet using any browser. For Windows our in-house designed (32 bit and 64 bit) driver gives you local COM ports.



brainboxes

Order Code 92T1122

THERMOSTAT



The mechanical thermostats KTO 111 and KTS 111 are two state regulators for use up to 5,000 meters in altitude, thanks to optimized air gap and increased creepage distance. By use of Push-In terminals the thermostat is wired tool-free



Order Code 24AJ5671

DIGITAL TIME SWITCHES

multicomp PRO

Precise time programming for astro / daily / weekly / pulse switching, 16A single and dual relay outputs, 12/24 hour display format, 6 years battery reserve



Order Code 69AK8651

PTC THERMISTOR RELAYS - MP-225

multicomp PRO

Uses integrated PTC resitors to monitor and protect Motors against over heating under heavy duty load, high switching frequencies and high operating temperatures & insufficient cooling conditions.



Order Code 69AK8668

OPEN FRAME TFT DISPLAYS multicomp PRO

Choice of 7", 10.1", 10.4" and 12.1" active displays within a metal frame that are ideal for use with SBCs, as an HMI or with any device which has a HDMI ouput. The displays have projected capacitive touch, HDMI interface, automatic dimming and support Rear or VESA mounting.

Order Code 69AK8708

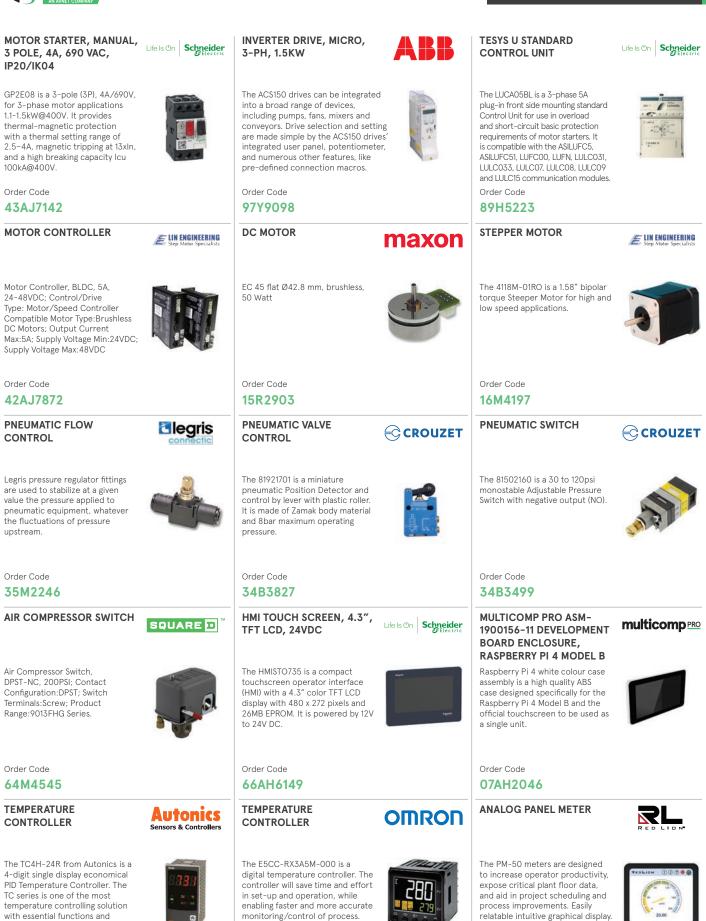












Order Code

05W3885

Order Code 22T3613

improved performance

Secondary displays provide even

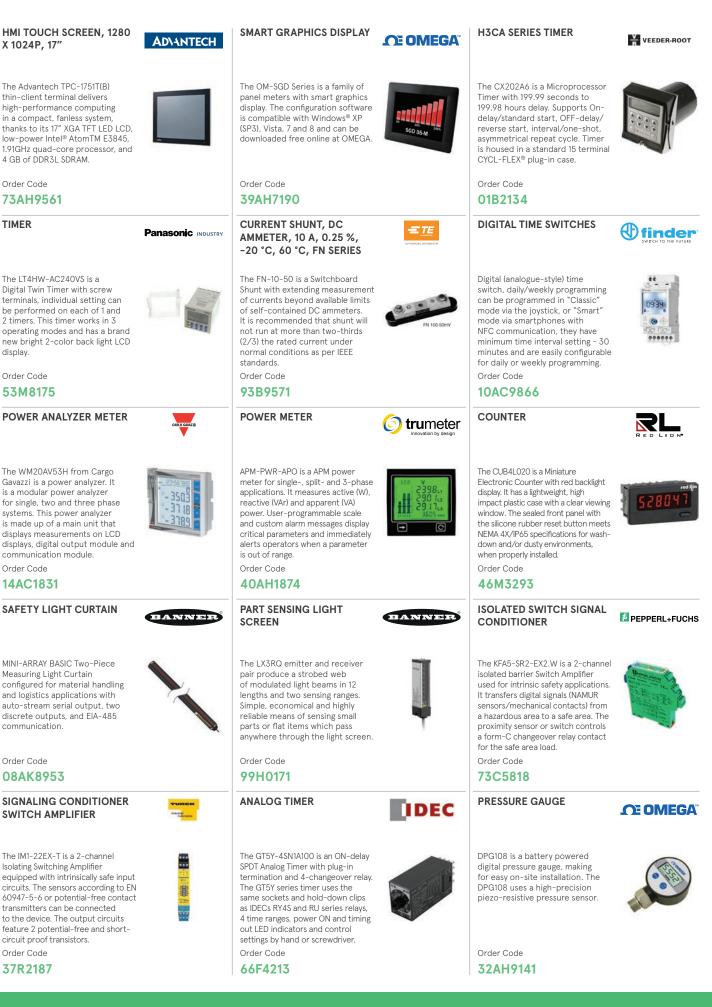
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Order Code

72AJ5676

INDUSTRIAL AUTOMATION & CONTROL





HOW TO OPTIMISE ENERGY EFFICIENCY IN FACTORY PRODUCTION SYSTEMS?

F

Electric motors are the main power units behind almost all automation devices in production plants. Over 40 percent of generated electricity is consumed by industry and two-thirds of energy is used by electric motors. Losses are an inevitable part of running a motor and they directly affect efficiency. Losses are minimised by using higher cutting edge motor designs, proper motor control selection, and considering the torque of the motor in high-precision automated production systems.

Figure 1 describes the main elements in an automated machine or process found in a modern factory. The efficiency of the motors and the whole production process is determined by multiple control layers. The first control layer adjusts the power inverter switching sequence to manage the motor voltage and current and enhance torque production efficiency. Next is the position and speed controller that operates the machine efficiently. In process equipment, this could be a sequence of speed or position orders to perform an assembly function, whereas, in automation equipment, this could be a sequence of speed or position commands to execute an assembly function.

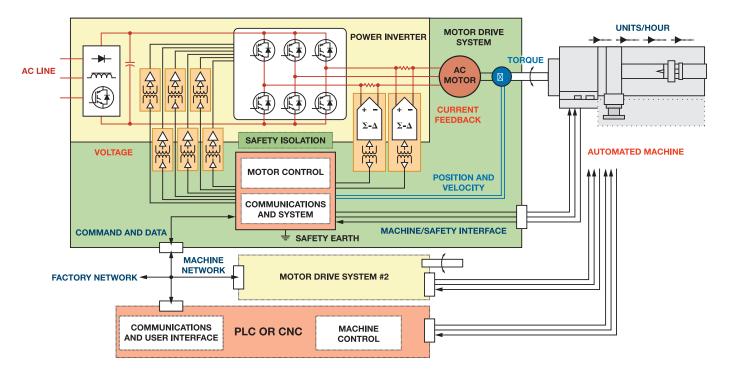


Figure 1: Block diagram of automated machine control system



In the latter scenario, the response time of the speed control will be more critical to the machine controller than torque production efficiency. As multiple motors are now synchronised across high-speed data networks that are also connected to the factory network, the communications and systems layer is becoming increasingly important.

The torque produced per amp supplied at any given speed and terminal voltage influences motor efficiency. Torque is generated by by forces that tend to align their internal magnetic fields. When the stator currents are synchronised with the rotor motion to maintain continuous field misalignment, AC motors produce constant torque. The frequency of the motor currents is closely connected to the ac motor speed, therefore speed regulation necessitates the use of a variable frequency voltage source, such as VSDs or

When the rotor-stator field misalignment is at its maximum, the efficiency is maximum. Motor efficiency also depends upon motor construction and particularly the rotor field structure. Permanent magnet synchronous motors (PMSM) are more efficient, since no current is required to magnetise the rotor field. Because of their prominent magnetic core construction, ultrahigh efficiency interior permanent magnet (IPM) motors generate additional torque.

Using soft starters in AC induction motors:

When starting, the AC Induction motor develops more torque than is required at full speed. This stress is transferred to the mechanical transmission system, causing excessive wear and premature failure of chains, belts, gears, mechanical seals, and other components. Rapid acceleration also has a significant influence on electricity supply charges, with high inrush currents drawing +600% of the normal run current. The use of Star Delta only provides a partial solution to the problem. If the motor slows down during the transition time, the high peaks will be repeated and may potentially exceed direct on line current. provide a reliable and economical solution to these issues by delivering a controlled release of power to the motor, resulting in smooth, step-less acceleration and deceleration, as illustrated in Figure 2.

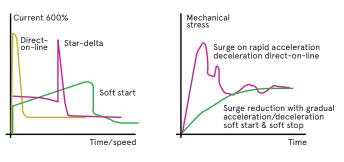


Figure 2: Performance curve as compared to direct-on line, Star-delta and Soft Start As damage to windings and bearings is reduced, motor life will be extended. Soft Start & Soft Stop is incorporated into three-phase systems, allowing for regulated starting and stopping with a selection of ramp times and current limit settings.

By adopting predictive and condition monitoring:

Condition Monitoring (CM) is the monitoring of several parameters such as equipment vibration and temperature to identify potential concerns such as misalignments or bearing failures. When a vibration analysis reveals a change in the harmonic frequency of rotating equipment components, condition monitoring tools can map equipment degradation.

Frequency analysis can be performed using both vibrometer and microphone data. Continuous Predictive and Condition Monitoring techniques might be used on a range of equipment, including compressors, pumps, spindles, and motors, and they can also be used to detect partial discharge on machines or vacuum leaks. This analysis helps factories to maximise efficiency and equipment availability whilst lowering costs.

Improving efficient motion control with precision isolation and effective communications:

The combination of precision in motion control and communication timing enables shorter machine production cycles and reduces the amount of energy consumed to manufacture each part. PMSM service motors and drives designed for fast response and high precision in speed and position control are used by drive manufacturers to assist automation applications.

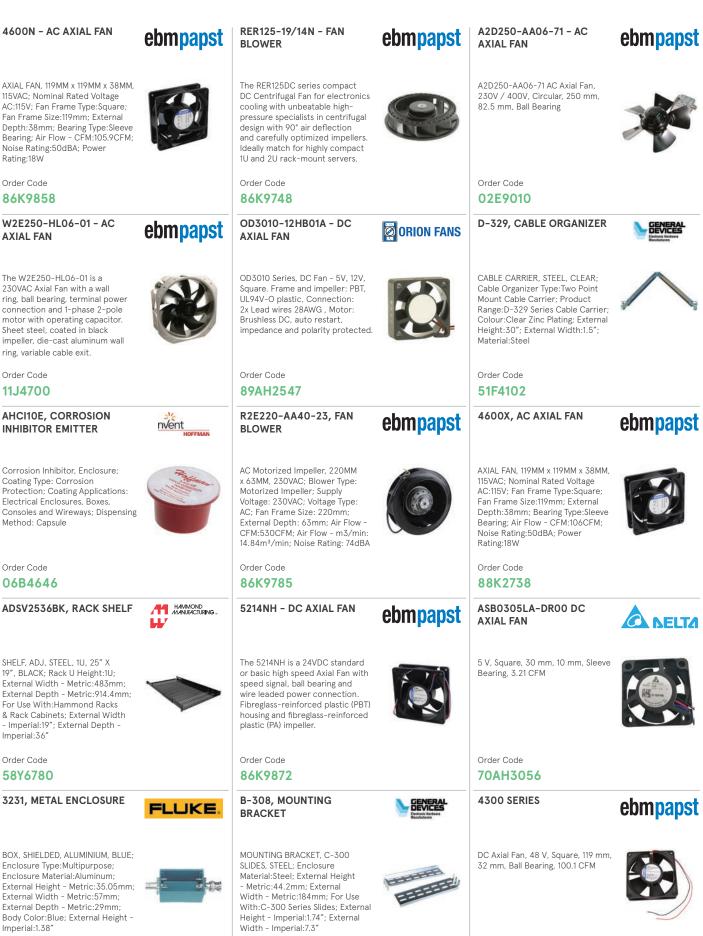
The use of high-speed magnetic isolation technology allows for the safe isolation of analog and digital signal voltages without sacrificing speed or precision. Precision integrated into the encoder position offer position feedback with up to a

24-bit resolution, enabling high dynamic velocity control at rates as low as 1 RPM.

This level of performance is appropriate for automation applications such as multiaxis milling of precision machine parts, assembly of fine geometry integrated circuits, and injection molding of cell phone parts. Furthermore, to ensure control precision, the motors' motion timing should be perfectly synchronised, because a timing error directly translates into a trajectory error in multiaxis position control.

Industrial Ethernet protocols, such as and , use modified Ethernet network interfaces to support real-time data synchronisation with clock jitter as low as 1µs. These network interfaces support both synchronised motion control and factory network connectivity for production system management.





Order Code

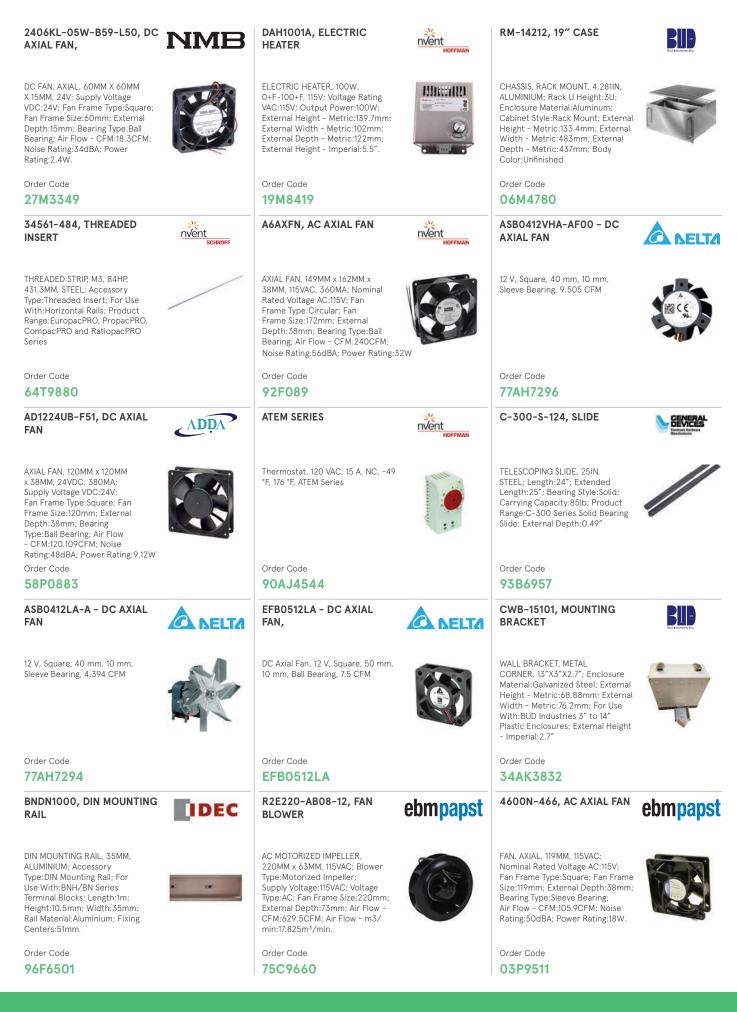
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Order Code **35F3504**

Order Code

86K9852







Modular Power



唑 : The premium series 🛛 🕜 : The best cost-performance series

www.meanwell.com



RECHARGEABLE BATTERY, 48 V, CONNECTOR

The RBC94-2U is a 48VDC 2U UPS replacement Rechargeable Battery Cartridge for select Tripp Lite SmartPro UPS. The battery cartridges breathe new life into UPS systems suffering from expired or weak internal batteries.

Order Code 06M3056

EV PEDESTAL, SINGLE PORT, WALL CHARGER

Recharge your electric vehicle faster and cost effectively with Eaton Green Motion EV single port pedestal charger. Multiple installation options that maximize flexibility.

Order Code

63AK2674

AC/DC DIN RAIL POWER SUPPLY (PSU), 1 OUTPUT, 50.4 W, 12 VDC, 4.2 A

The DRB-50-12-1 is a 12V/50.4W 1-output DIN-rail mount Power Supply features an ErP compliant design, compact size, high efficiency, low no load power draw, convection cooled and hiccup with auto recovery overcurrent protection. This power supply output is adjustable. Order Code

18X3671

AC/DC OPEN FRAME POWER SUPPLY (PSU), ITE & MEDICAL, 1 OUTPUT, 40 W, 90V AC TO 264V AC

The ECM range of single and multiple output AC-DC, 40-60 W power supplies from XP feature the world's smallest footprint for units of these ratings. Both are just 2" x 4" (50.8 mm x 101.6 mm) and 1.2" (30.48 mm) high.

Order Code 71J0110

RECHARGEABLE BATTERY, 3.6 V, NICKEL METAL

HYDRIDE, 1.65 AH, AA, WIRE LEADS Battery Voltage:3.6V; Battery

Technology:Nickel Metal Hydride; Battery Capacity:1.65Ah; Battery Size Code:Aa; Battery Terminals:Wire Leads; External Diameter:-; External Height:15.24Mm; External Width:43.18Mm; External Depth:53.34Mm Rohs Compliant: Na Dantona Industries Order Code

31AC8586



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AC/DC PCB MOUNT POWER SUPPLY (PSU), FULL XP Power BRICK, ITE, 1 OUTPUT, 160 W, 24 V, 6.66 A

ASB160PS24 is a 160W ASB160 series low profile, full brick, baseplate cooled AC to DC power supply which requires no external components.



TDK·Lambda

Order Code 67AK7236

NON ISOLATED POL DC/ DC CONVERTER, 300 W, 5 V, 28 V, 12.5 A, FIXED, ADJUSTABLE

RGC series is a ruggedized non-isolated DC-DC buck-boost converter. The module has the industry standard 1/16th brick pinout, are qualified to MIL-STD-810G (shock and vibration) and designed for fan-less, conduction cooled applications.

Order Code 69AK7665

EV PEDESTAL, DUAL PORT, WALL CHARGER



EMERSON

ADTESYN

pedestal charger enables faster and cost effective recharging of electric vehicles. Multiple installation options available like direct connect kit, direct connect kit + junction box, EV wall charger.

Order Code 63AK2673

AC/DC DIN RAIL POWER SUPPLY (PSU), ITE, HAZARDOUS LOCATIONS & LABORATORY, 1 OUTPUT, 480 W, 24 V

The SolaHD SDN-D high performance DIN rail power supply boasts one of the highest efficiencies available in the market today. Higher efficiency means less heat is generated, potentially extending the life of all components in the enclosure.

Order Code 52AJ2407

AC/DC OPEN FRAME POWER SUPPLY (PSU), MEDICAL, 1 OUTPUT, 150W @ 200LFM, 100 W, 85V AC TO 264V AC

The TLP150N-99S24J is a 1-output 150W open-frame AC/ DC Power Supply with adjustable and fixed output voltage. It offers overvoltage, overcurrent and short-circuit safety protections Because of its low profile, it fits 1U applications.

Order Code 77K8841

AC/DC POWER SUPPLY, DESKTOP, ITE, 1 OUTPUT, 160 W, 12 V, 12.5 A

XP Power

The AEJ160 series of ITE approved desktop adapter features active power factor correction and comply with the latest international efficiency requirements including Level VI and EU2019/1782.



Order Code 67AK7412

UNINTERRUPTIBLE POWER SUPPLY (UPS), 500VA / 300W, 120 V, 120 VAC, 4.2 MIN

SDU AC - B series DIN rail uninterruptible power supply. It is suitable for use in programmable logic controllers, factory automation, robotics, conveying equipment and computer based control systems



TDK·Lambda

SOLAHD

Order Code 89AH0113

NON ISOLATED POL DC/ DC CONVERTER, ITE, 750 W, 3.3 V, 18 V, 45 A, ADJUSTABLE

The i7A series of up to 750W non-isolated DC-DC step-down converters are ideal for creating additional high current/high power 33A and 45A output voltage rails from a single output 24V, 36V or 48V AC-DC or DC-DC power supply.

Order Code 09AJ9510

RECHARGEABLE BATTERY. 3.6 V, NICKEL METAL HYDRIDE, 80 MAH, PCB PINS

The COMP-16-2NMH is a 3.6V/80mAh Rechargeable Battery that features a nickel metal hydride technology and PCB pins terminals. This comp-series battery is ideal for computer (memory back-up).

Order Code 19C9477

UNINTERRUPTIBLE POWER SUPPLY (UPS), 8 OUTLETS, 2.2KVA / 1.92KW, 120 V, 120 V, 4.5 MIN

Tripp Lite SM2200RMXL2UP line interactive 2U rack/tower UPS with 2200VA / 2.2kVA / 1920W capacity and extended runtime options. Line interactive UPS with Automatic Voltage Regulation (AVR) corrects brownouts and over voltages from 83 to 145V.

Order Code 67Y6215



<u>Dantona</u>













TDK·Lambda















Eaton Green Motion EV dual port





POWER



ISOLATED THROUGH HOLE DC/DC CONVERTER, ITE, 1:1, 1 W, 1 OUTPUT, 5 V, 200 MA

The NME0505SC from Murata is an isolated, 1W, single output DC to DC converter in SIP package. It is particularly suited to isolate or convert DC power rails.

Order Code 61K3108

AC/DC ENCLOSED POWER SUPPLY (PSU), 1 OUTPUTS, 450 W, 24 V, 18.8 A

24V 18.8A AC/DC Enclosed Switching Power Supply 450W power supply features active surge current limiting and AC range selection. Includes built-in fan for active cooling and LED status indicator.

Order Code

53Y1845

AC/DC OPEN FRAME POWER SUPPLY (PSU), ITE & MEDICAL, 1 OUTPUT, 100 W, 90V AC TO 264V AC, FIXED

The MDS series of embedded power supply come with universal AC input at 90Vac to 264Vac. Other features include low touch current, risk management report available and the electric shock protection comply with 2 x MOPP

Order Code 52AH7281

DC/DC CONVERTER, ITE, 1 OUTPUT, 2.5 W, 5 V, 500 MA, AMSROL-78NZ SERIES

Aimtec's AMSROL-78NZ series was developed to meet increasing market demand for compact sizes and higher efficiency. This 0.5A switching regulator hits the mark on these metrics with its 12.50 x 13.50 x 3.50mm open frame, ultra-low height design. It is also a viable replacement to the LM78 linear regulator.

Order Code

25AK2816

MULTICOMP PRO MPOF120-20B12 POWER SUPPLY, AC-DC, 12V, 9.5A **ROHS COMPLIANT: YES**

These series is one of AC-DC miniaturize open frame power supply. It features universal AC input and at the same time accepts DC input voltage, costeffective, high efficiency, high reliability and double or reinforced insulation.

Order Code 30AJ5447



DC/DC CONVERTER, ITE, 1 OUTPUT, 7.5 W, 5 V, 1.5 A, **OKI SERIES**

The OKI-78SR series are nonisolated switching regulator (SR) DC/DC power converters for embedded applications. The fixed single output converters offer both tight regulation and high efficiency directly at the power usage site

Order Code 72R3616

ISOLATED DIN RAIL MOUNT DC/DC CONVERTER, RAILWAY, 4:1, 30 W, 1 OUTPUT, 24 V, 1.25 A

DDR-30G-24 is a DDR-30 series 30W DIN rail type DC-DC converter with main features including easy installation. ultra slim width (35mm), 4:1 ultra wide input voltage, 4KVDC I/O isolation, adjustable output voltage (±10%) and full protective functions.

Order Code

01AH7064

VARIABLE, MANUALLY **OPERATED, OPEN, SINGLE** PHASE, 50HZ / 60HZ, 240V, 280V

The 236B is a POWERSTAT® Series 10A 240V single-phase Variable Transformer with knob rotation, motor drives and epoxy-coated POWERKOTE® coils for long life. This transformer provides continuously adjustable output voltage from utility line voltage

Order Code 05F813

AC/DC OPEN FRAME POWER SUPPLY (PSU), ITE, 1 OUTPUT, 150W @ 10CFM, 120 W, 85V AC TO 264V AC, FIXED

The AMEOF120-HAMJZ series is one of Aimtec's compact size 120W AC/DC converter with active PFC. which is also suitable for medical equipment.

Order Code 25AK2747

MULTICOMP PRO multicomp PRO MP002001 POWER SUPPLY, AC-DC, 24V, 6.5A ROHS COMPLIANT: YES

The 150W enclosed power supply range has been specially designed to offer high efficiency, long life and high reliability for use in a variety of applications.

Order Code 51AH5982





<u> MW</u>

Superior Electric

🔊 aimtee



RECHARGEABLE BATTERY, 12 V, LEAD ACID, 9 AH, QUICK CONNECT



The HRL1234WF2FR is a Rechargeable Battery with F2 Faston tab 250 terminals. It is specially designed for high efficient discharge and long life application.



Order Code 27T6516

POWER SUPPLY, AC-DC, 24V, 2.5A ROHS COMPLIANT: YES



The DRC-24V100W1A is part of the Chrome DIN Rail Power Supply series, which is designed for use in compact cabinets for home automations and the food and beverage industry. Delta's Chrome DIN Rail Power Supply series offers double isolated input.



Order Code 25AJ0757

VARIABLE, PLUG IN, MANUALLY OPERATED, 50HZ / 60HZ, 120V, 140V



The 3PN1010B is a Variable Transformer featured with a ventilated steel case, input line cord and plug, fused NEMA rated output receptacle and an illuminated on/off switch.



Order Code 83F2006

DC-DC LED DRIVER, 36V, 0.7A, ANALOGUE ROHS **COMPLIANT: YES**



High Power LED Driver, Constant Current Output mode, Ultra Wide Input Voltage Range, High Efficiency (Up to 96%), Remote ON/OFF Function, PWM & Analogue Dimming Function, SMD Package, Operating Temperature range -40°C - +85°C

Order Code 57AK2637

MULTICOMP PRO MP-K7805MT-500R4DC-DC CONVERTER, 5V, 0.5A **ROHS COMPLIANT: YES**

The MP-K78 MT-500R4 series are high efficiency switching regulators. The converters feature high efficiency, low loss and short-circuit protection in a compact DFN package. These products are widely used in applications such as industrial control, instrumentation and electric power. Order Code





multicomp^{PRO}





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NELTA

🔊 aimtec

multicomp PRO

OMRON

Unlocking the Secrets of Reliable Relays: OMRON's Unique Production Know-How

Creating the perfect relays may seem like a straightforward task, but it's a complex process that requires the most advanced manufacturing processes. This ensures that every component inside our relays are precisely assembled and protected from any outside contaminants. Ignoring this crucial step could jeopardize the reliability of the relays and compromise their switching activity.

At times, machines can experience unplanned downtime, with the causes remaining elusive, in many cases restarting the machine or replacing the relays resolves the issue.

OMRON determined that such incidents are primarily caused by inadequate contact conduction, which frequently results from dust caught between the contacts during manufacturing.

This dust is generated from various sources such as:

- Resin scrap from relay parts
- Textile fibres from operator clothing

25% Poor conduction due to dust in relay 75% Others

OMRON research has revealed that poor conduction of the contacts is the primary cause of relay faults, accounting for approximately 75% of cases.



OMRON'S SOLUTION TO PREVENT POOR CONDUCTION IN RELAYS

To improve the reliability of our relay production, OMRON has made three key commitments:

- Provide standardised product design to avoid the generation of dust.
- Produce products in clean rooms with strict entry exit controls to prevent the introduction of dust.
- Utilize OMRON's unique dust removal technology to avoid leaving dust behind during the production process.

With these commitments, OMRON can ensure the highest quality and reliability for your industrial needs.

OMRON relays offer supreme quality

For more than half a century, OMRON has dedicated itself to the design and production of relays and has now become the largest manufacturer of single-brand relays worldwide. Among our most significant electromechanical relay families are the G2RS, MY, G2RV, and LY families. Now in 2023, OMRON has revamped their relay product line, unveiling the slim G2RV-ST relay and promoting the MY-GS-R as the flagship model for the MY family.



G2RV-ST:

The relay itself is a well-known standard 6mm relay with industrial pins, but the socket has been redesigned with enhanced features, such as:

- · Security lever to avoid accidental relays fall.
- Super bright Brilliant LED.
- Up to 2.5mm2 cable wiring dimensions.
- Captive screw and push-in plus wiring technology available.

mexico.newark.com/omron





MY-GS-R:

d the generation

The MY-GS-R is the newest member of the MY family, distinguished by its exceptional features, making it the flagship model. These features include:

- Supreme reliability due to fully automated production.
- No polarity required for DC coil specification models with LED, available in both 2-pole and 4-pole types, simplifying wiring and maintenance activities.
- Convenient identification of AC and DC types: red test button +
 red LED for AC coil, blue test button + green LED for DC coil.
- 2.6mm wide pins for enhanced conductivity in MY plug-in terminals.



OMRON

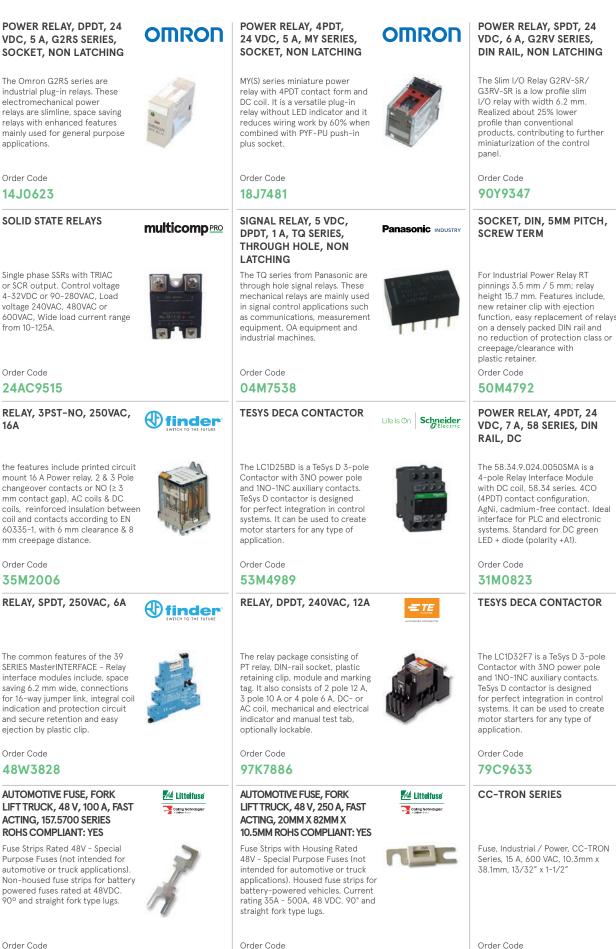
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Life Is On Schneider

F:T-N

Bussmann series



35M0314

Order Code 50M6238

mexico.newark.com

91F6000

Technical experts providing convenient, tailored and **innovative industrial sensing and connectivity solutions.**



Our Products



Temperature



Test & Inspection



Pressure



Control & Monitoring



Flow



Calibration Systems



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Industrial Heaters







IIoT & Wireless



Data Acquisition



Custom & Configured

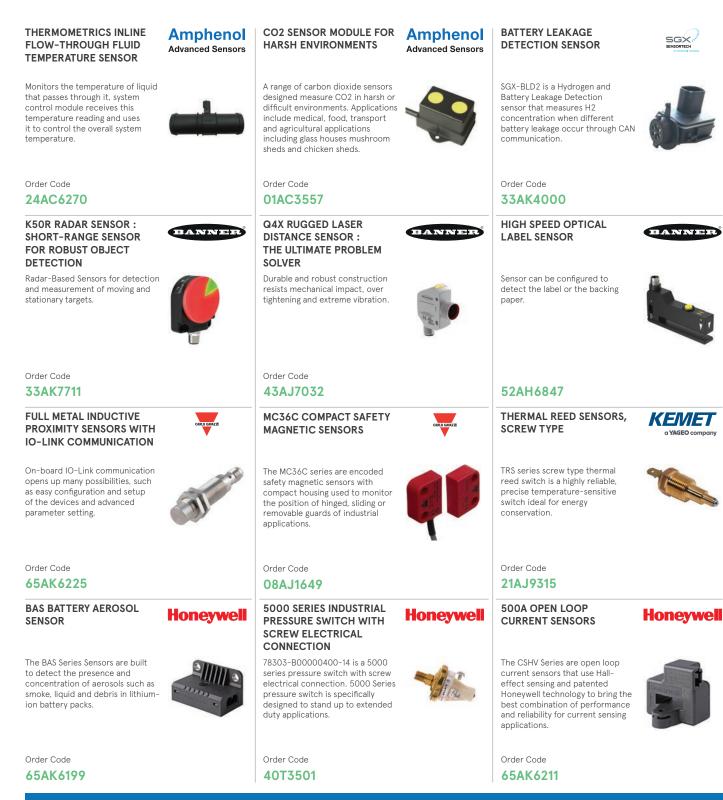




Newark Corporate Headquarters 300 S. Riverside Plaza, Suite 2200, Chicago, II 60606 | 1.800.463.9275

SENSORS





Take complete control of your machine.

Electromechanical pressure switch

9013FHG44J59M1X







shape, color, dust, or density.

Material detection regardless of light,

XXW54P3HPL01DM6

Sensors





Order Code

67C1559

applications. Order Code

color

Order Code

Order Code



Order Code 60AK9208 Order Code

40AH0491

Order Code

68AK0791

SWITCHES



SERIES MPI002 VANDAL **RESISTANT SWITCH**

Manufactured from Stainless Steel, Bulgin's extensive range of vandal resistant security switches are designed with a high resistance to wear and tear, corrosion and harsh use in potentially hostile environments such as access control applications.

Order Code 75M3520

MRSS SERIES MINIATURE **ROTARY SWITCH**

The MRSS addresses manual programming applications. These high-quality rotary DIP switches are available in size 7.7mm square (horizontal) and 7.2mm square (vertical) for a wide range of possible applications like elevator and security system.

Order Code 60AK9626

SERIES 45 EMERGENCY STOP SWITCHES

Series 45 emergency stop switches offer reliable protection for both man and machine in the event of application malfunctions - on a factory conveyor belt, for instance Thanks to intuitive operation and IP69K rated features, these

switches perform safely and securely as often required in harsh, industrial environments,

Order Code

05AC2265

PV2 SERIES VANDAL RESISTANT SWITCH

The PV2F640SS is an Anti-vandal Switch offers long life expectancy. It features screw terminals, single pole off-(on) function, polished stainless steel body and flat actuator. These can be found on kiosk and public ticket dispenser applications, along with other industrial type applications. Order Code

24R3494

PTS645 SERIES 6 MM TACT SWITCHES

Designers for power tooling, set top and access boxes, instrumentation and general consumer products turn to C&K's PTS645V series of 6mm SMT side actuated tact switches to give their products the reliability and long life demanded by regular use.

Order Code 59AK7062



E TE

eao

E+SWITCH

C&K MATTER 🛃 Littelfuse

bulgin

SERIES MP0037 VANDAL **RESISTANT SWITCH**



Order Code 48F2532

PBES16L SERIES **EMERGENCY STOP SWITCH**



bulgin

The PBES16 Series has a 20N actuation force for ruggedized applications to avoid accidental actuations and is also IP65 rated to withstand harsh environments This series has multiple lighting options, agency approvals, and meets IEC 60947-5-1 & IEC 60947-5-5 standards.

Order Code 50AJ0274

ST4 SERIES SEALED TOGGLE SWITCH

The ST4 Series sealed toggle

switches are rated IP68 for dust







support, upgrading the lifetime up to 10 million cycles. It's size the industrial segment.

31AJ3572

YW SERIES CONTROL UNITS



Ensure safety and save wiring time with YW Series Control Units. Main features include Safety Lock Mechanism, Direct Opening Action, Safe Pushbutton Design and more.

Order Code 28X7160



The MP0042/3 is a momentary Vandal Resistant Switch with screw termination, SS push to make switching, nylon moulding, silver-plated brass tags, polished stainless steel body and button, silver contacts.

MP0042/3 VANDAL

RESISTANT SWITCH



Order Code 95M9941

PBES16N SERIES EMERGENCY STOP SWITCH



PBES16 series pushbutton emergency stop switch is a non-illuminated switch. It has a 20N actuation force for ruggedized applications and to avoid accidental actuations and



is IP65 rated to withstand harsh environment. Features include, 16mm mounting hole, high actuation force UL and TV agency approved and more. Order Code

50AJ0283

ST5 SERIES HIGH TEMPERATURE TOGGLE SWITCH

E+SWITCH

The ST5 series toggle switch series can handle temperatures ranging from -10°C to 125°C. The ST5 offers a single pole or double pole circuit function with two or three positions and offers three electrical rating options.



Order Code 62AJ3543

KSC4 TE SERIES TIRELESS ENDURANCE TACT SWITCH



KSC4 TE tireless endurance tactile switch is a new KSC4 configuration with J leads, a soft actuator and a renewed combination of dome and makes it perfect for demanding applications such as applications in Order Code





function options, three electrical rating options, and 17mm metal or 22mm plastic bat actuator. Order Code 57AJ6016 **57 SERIES MINIATURE** VANDAL RESISTANT

PUSHBUTTON SWITCHES The Series 57 is a range of

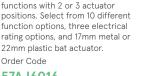
miniature, momentary action. rugged panel sealed push-button switches with a round button and bezel. The Series is available with or without LED status illumination. The body and button are manufactured from anon-spark zinc alloy and are velour chrome plated. Order Code 31C7633

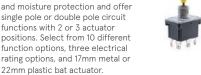
V19 SERIES BASIC SWITCH



Honeywell Sensing and Internet of Things announced a new addition to their MicroSwitch products, the V19 basic switch for appliance customers. The V19 is focused on empowering White Goods designs with a balance between configurability and cost.

Order Code 75AH8766



















OMRON

XB4BD21

The XB4BD21 is a 2-position black Voltage Selector Switch with screw clamp terminals. It features 1NO contact configuration and slowbreak contact operation function. The switch is made of chromium plated metal bezel with silver alloy . contacts.

Order Code **39C6738**

CP1 SERIES

Pushbutton Switch, SPST-NO, 1.5A, SCREW; Product Range: CP1 Series; Panel Cutout Diameter: 22.3mm: Contact Configuration: SPST-NO; Switch Operation: Momentary; Pushbutton Actuator Style: Round Flush; Actuator / Cap Colour: Green

Order Code 14AC1021

SERIES 59

The Series 59 is a range of miniature, momentary action, rugged panel sealed pushbutton switches. The Series is available with square or round bezel versions, with or without LED status illumination and in a variety of button types.

Order Code 06WX7470

PVK4 ANTI-VANDAL SELECTOR SWITCH

Selector Switch Anti-vandal DPDT On-On 2A 24VDC, 2 Position return On-(On), Red Led illumination, Base voltage Keylock Switch DPDT On-On-On 2A 24VDC, 3 Position maintain On-On-On.

Order Code 57AK6054

IP68 POWER-SEALED TOGGLE SWITCHES

IP68 Rated copper alloy, silver plated power-sealed toggle switches. Search for skus 69AK7836 to 69AK7837.

Order Code 69AK7836



TW Switches

E+SWITCH

multicomp PRO

Life Is On Schneider

D2D-1000 Safety Interlock Switch, D2D Series offer offers the minimum contact gap of 3 mm required for power switches as standard equipment. Safety considerations include a double return spring and direct drive positive contact opening feature.

Order Code 93B9088

D2D SERIES

AV SERIES



OMRON

PB SWITCH, SPST-NC/NO, 1A, 30VDC, PANEL; Product Range: AV Series; Panel Cutout Diameter: 19mm; Contact Configuration: SPST-NO, SPST-NC Switch Operation: Momentary; Pushbutton Actuator Style: Round; Actuator / Cap Colour:Natural

Order Code 32AH7975

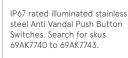
SL SERIES



PN SL0001-1 C&K's SL series IP67 sealed door interlock switch features push (momentary)/ pull (maintained) motion as well as SPDT and DPDT in 3 different bracket sizes (small, large and extended), multiple mounting configurations.

Order Code 24AK8245

ANTI VANDAL PUSH **BUTTON SWITCHES**



Order Code 69AK7741

IP65 RATED ROCKER SWITCHES

IP65 Rated DPST, On-Off Rocker Switches, Search for Skus 68AK5720 to 68AK5722.

Order Code 68AK5720



The 1PB5 is a single-pole doublethrow (SPDT) miniature Pushbutton Switch with a natural round actuator, ON-(ON) function and solder terminals. It is equipped with HM hermetically sealed switch unit, which has metal-to-metal fusion around the cover, actuator base and mounting holes. Order Code

23F1867

SERIES B3F

The Omron B3F series are tactile

available in 6mm × 6mm, 12mm >

12mm sizes with different models

such as standard, side operated, long durability, high force and high

switches. These switches are

reliability gold plated etc.

Order Code

36K7138

PB SERIES

SERIES 82 IP67 ON/OFF **SWITCHES**



Honeywell

EAO's Series 82 anti-vandal stainless steel On/Off and Standby switches are suitable for 16, 19 or 22 mm mounting and have built-in resistors for easy direct connection to a 12V or 24V supply.



Order Code 33AC4209

INDUSTRIAL PUSH BUTTON **SWITCHES**

multicomp PRO

SPDT, Momentary, Round Flat, Industrial Pushbutton Switches. Search for skus 69AK7732 to 69AK7737.



Order Code 69AK7732

HIGH CURRENT ANTI VANDAL PUSH BUTTON **SWITCHES**

multicomp^{PRO}

IP65 rated high current stainless Steel anti vandal push button switches. Search for skus 69AK7836 to 69AK7837.



Order Code 69AK7765



multicomp PRO

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1GHZ EIGHT CHANNEL MIXED SIGNAL OSCILLOSCOPE	Tektronix [®]	1GHZ SIX CHANNEL MIXED SIGNAL OSCILLOSCOPE	Tektronix [®]	1.5MHZ FOUR CHANNEL MIXED SIGNAL OSCILLOSCOPE SOFWARE BUNDLE	ROHDE&SCHWARZ
5 Series Mixed Signal Oscilloscope offers better visibility into complex systems with eight FlexChannel inputs and 15.6" high-definition touchscreen display.		4 Series Mixed Signal Oscilloscope features a highly intuitive user interface, six FlexChannel inputs and 13.3" high-definition touchscreen display		1.5GHz Mixed Signal Oscilloscope bundle features multiple options; ARB generator, low speed serial buses, automotive protocols and Bode plot analysis all included.	
Order Code 83AJ0736		Order Code 02AH4138		Order Code 70AK5603	
FOUR CHANNEL 640W PROGRMMABLE POWER SUPPLY	ROHDE&SCHWARZ	800W AUTORANGING PROGRAMMABLE POWER SUPPLY	KEYSIGHT TECHNOLOGIES	800W AUTORANGING PROGRAMMABLE POWER SUPPLY	KEYSIGHT TECHNOLOGIES
Bench or rack programmable power supply features four galvanically isolated floating channels, each able to deliver up to 32VDC at 20A, with total output of 384 Watts		The E36154A is an 800W, 30V, 80A autoranging benchtop single power output DC power supply. It includes advanced characterization tools such as data logging, an optional scope view and arbitrary waveform generation.		Single output autoranging programmable power supply boasts 4.3" touchscreen display, remote sensing and up to 800W output.	
Order Code 50AC9964		Order Code 53AK8194		Order Code 53AK1166	
120 CHANNEL DATA ACQUISITION UNIT	KEYSIGHT TECHNOLOGIES	80 CHANNEL DATA ACQUISITION UNIT	KEITHLEY A Tektronix Company	80 CHANNEL DATA ACQUISITION UNIT	KEITHLEY A Tektronix Company
Combined with a variety of input modules, this DAQ provides measurement and data collection from up to 120 channels.		DAQ provides measurement and data collection from up to 80 input channels and control of up to 12 output channels.	217210 %	High speed DAQ mainframe features eight slots which accept 21 available modules, with scan rate of up to 1,000 channels per second.	
Order Code 72AC4094		Order Code 51AC7225		Order Code 56J9919	
SINGLE CHANNEL FOUR QUADRANT SOURCEMETER®	KEITHLEY A Tektronix Company	SINGLE CHANNEL FOUR QUADRANT SOURCEMETER®	KEITHLEY A Tektronix Company	SINGLE CHANNEL FOUR QUADRANT SOURCEMETER®	KEITHLEY A Tektronix Company
Source measurent meter features a 5" touchscreen which facilitates ease of use while optimizing speed and productivity. Four quadrant operation provides the capabilities of analyzers, curve tracers, and I-V systems at a fraction of their cost.		Source measurent meter features 100V/10A high current output for higher capacity applicatios. Four quadrant operation provides the capabilities of analyzers, curve tracers, and I–V systems at a fraction of their cost.		Source measurent meter features 200V/10A high current output for higher capacity applicatios. Four quadrant operation provides the capabilities of analyzers, curve tracers, and I-V systems at a fraction of their cost.	
Order Code 88W3815		Order Code 77Y6596		Order Code 44W8036	
5MHZ FUNCTION GENERATOR	BK PRECISION	20MHZ ARB FUNCTION GENERATOR	KEYSIGHT TECHNOLOGIES	DUAL CHANNEL 20MHZ ARB FUNCTION GENERATOR	KEYSIGHT TECHNOLOGIES
5MHz single channel function generator provides a standard waveform output and is ideal for EDU environments.		20MHz ARB Function generator features modulation, sweep, and burst signals, plus LAN and GPIB interfaces that simplify instrument control and transfer of waveforms to the instrument.		20MHz dual channel ARB Function generator features modulation, sweep, and burst signals, plus LAN and GPIB interfaces that simplify instrument control and transfer of waveforms to the instrument.	
Order Code 22C6860		Order Code 94T6987		Order Code 94T6990	



II910 SONIC IMAGER

The ii910 is the all-in-one tool you have been looking for when it comes to all of your leak and Partial Discharge issues.

Order Code 92AH2695

TECHNICIANS DIGITAL MULTIMETER, 110 SERIES, 6000 COUNT, TRUE RMS, AUTO,

MANUAL RANGE, 3.5 DIGIT For general purpose electrical and electronic test requirements, the Fluke 115 true-rms digital multimeter provides the perfect answer. Its simple operation, compact design and ease of

use makes it perfect for quick verifications and field service use.

Order Code 83K1718

HANDHELD DIGITAL

MULTIMETER, 6000 COUNT, TRUE RMS, AUTO, MANUAL RANGE, 3.75 DIGITS

IP54 rated true RMS digital multimeter with type K temperature function an ideal tool for electricians, service technicians and HVAC professionals.

Order Code

34AC9586

TI-480 PRO THERMAL IMAGER

Fluke Ti480 PRO 60Hz infrared camera capture accurate measurements with this infrared camera making it ideal for working in tough industries. The rugged pistol-grip design enables thermographer to focus on their surroundings. Additionally, the SuperResolution mode feature provides 4x the standard resolution.

Order Code

47AC8649

OSCILLOSCOPE PROBE, HIGH-VOLTAGE **DIFFERENTIAL PROBE**,30 MHZ, 240 VAC, 10:1, 100:1, OSCILLOSCOPES

The CT4447 series probe convert these floating signals to lowvoltage ground referenced signals that can be displayed safely on any ground-referenced oscilloscope. compatible with oscilloscopes (with 1Mohm input) from all major manufacturers.

Order Code 32AK6178



FLUKE

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TELEDYNE FLIR

FLUKE

Cal Test 🚍





Class A Power Quality Analyzer that enables technicians and engineers to measure and perform diagnostics and power quality work on one, two or three phase networks.

Order Code 50AK8502

HANDHELD DIGITAL MULTIMETER, 170 SERIES, 6000 COUNT, TRUE RMS, AUTO, MANUAL RANGE, 3.75 DIGIT

With its precision, reliability, and ease of use, the Fluke 179 True RMS Digital Multimeter is the preferred solution for professional technicians around the world.

Order Code 25C4804

TELEDYNE FLIR ONE EDGE PRO



FLIR ONE Edge Pro is an innovative. rugged thermal imager that wirelessly connects to your smart device so you can remotely inspect out-of-reach targets - or clip it onto your phone or tablet for one-handed operation

Order Code 60AK4377

TEST LEAD SET, ALLIGATOR CLIP TO ALLIGATOR CLIP, 70 V, 5 A, 609.6 MM, 10 LEADS

The 6356-24 is a Test Lead Set with alligator clip at both ends. This patch cord is ideal for use as a temporary jumper wire.

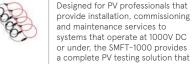
Order Code 94B5529

MODULAR POWER SUPPLY, 1 OUTPUTS, 5 KW, PROGRAMMABLE, 0 V, 200 V, 70 A

EA-PS 10200-70 3U is a PS 10000 series DC laboratory power supply (• · · · · · ·) convert the energy from the grid into a regulated DC voltage with a high efficiency. The DC supply operates as a flexible output stage with a constant power characteristic (autoranging), and a wide voltage, current and power range Order Code 58AK8644



FLUKE.



KIT



FLUKE

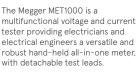
Order Code 57AK7519

HANDHELD DIGITAL MULTIMETER. ACCURRENT, AC/DCVOLTAGE, CONTINUITY, FREQUENCY, **RESISTANCE, 4**

conforms to IEC 62446-1 standards.

FLUKE SMFT-1000/PRO

Megger.





Order Code 27AJ4148

TELEDYNE FLIR T540-24



The FLIR T540-24 is a FLIR T500 series professional thermal imaging camera with 24° lens. The portable, ergonomic thermal camera offer advanced features like 1-touch level/span and continuous laser assisted autofocus



Order Code 34AC9593





The BU-00287 is a 12-inch 300V Insulated Mini-Alligator Lead Set. Clip nickel-plated steel with PVC insulator, 22AWG (19/34) copper hook-up wire with 105°C PVC insulation.



Order Code 83F8070

FLUKE SMFT-1000/PRO KIT



Designed for PV professionals that provide installation, commissioning and maintenance services to systems that operate at 1000V DC or under, the SMFT-1000 provides a complete PV testing solution that conforms to IEC 62446-1 standards

Order Code 57AK7519







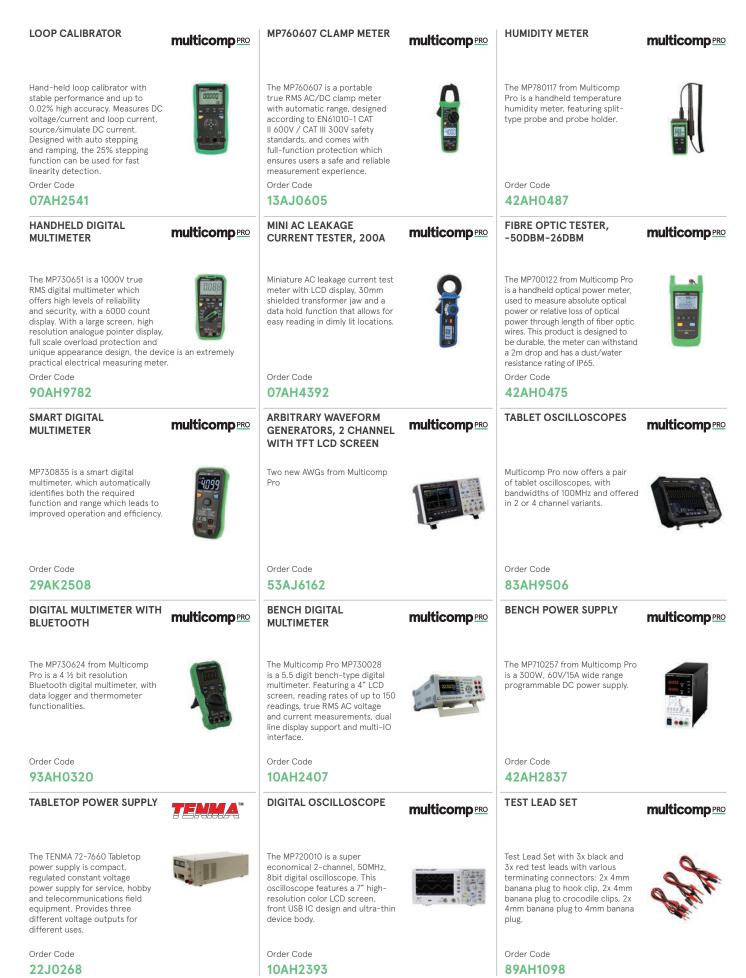
















724 ESD TESTER, WORK STATION MONITOR, 15 %, 35 MM, 165 MM

Single workstation continuous monitor with North America power adapter. Continuously monitors 2 operator dual-wire wrist straps and 1 work surface mat.

Order Code 83F8473

92-6115-US AIR FORCE

BLOW-OFF GUN, 65PSI, 120VAC, HAND-HELD The 92-6115-US is an US-plug

Ionizing Blow-off Gun with static-dissipative polyurethane enclosure, tungsten emitter points. This gun features ergonomic design, reduces fatigue and wrist hyperextension. Flexible,

lightweight air hose with integral low voltage power cable moves with operator and does not interfere with work. Order Code

83T4249

44523 TWEEZER, ESD, STRAIGHT, ROUND, STAINLESS STEEL, 125 MM OVERALL LENGTH

Static Dissipative, Special alloyed, Non-Rusting, Stainless Steel. Coated by ESD-Safe Dissipative Material. Anti Magnetic and Acid resistant.

Order Code 28C1851

076722 TORQUE SCREWDRIVER, ADJUSTABLE, 1/4" F/HEX DRIVE, 7" LENGTH, 0.9N-M TO 9N-M, FGA SERIES

076722 is a FGA-40 adjustable torque screwdriver. With the digital adjustable torque setting on the FGA, you can quickly switch torque values in the field or at the workstation, leading to improved productivity.

Order Code 49AK2125

50943 LOCKOUT DEVICE, CABLE, ALL PURPOSE, 8FT SHEATHED METAL CABLE

The 50943 is a red all purpose Cable Lockout with 8-inch sheathed cable. The advantage of using cable lockout is it can be used in a wide variety of ways and can secure unusual energy isolating device that is difficult to lock out using conventional means.

Order Code 19K0026



SIMCO

wiha 👄

09183 WRIST STRAP, ANTI-STATIC, ELASTIC, MAGSNAP, JEWEL SERIES

Jewel® MagSnap adjustable wrist strap. Magnetic connection between wrist band and coil cord. Silver impregnated polypropylene knitted band material.

Order Code 20T7239

4006992-01 IONIZER, AIR GUN, TOP GUN SERIES, 120V, HANDS-FREE, 18" ADJUSTABLE GOOSENECK

The Top Gun with Sidekick offers hands-free operation and flexible positioning during assembly and manufacturing processes. A foot pedal controls both ionization and airflow, which reduces compressed air costs and extends

the life of the ionizer. The flexible gun mount allows the operator to focus the ionized airflow where it is needed. Order Code

11J6671

2032-1 CONDUCTIVE BRUSH, TECHCLEAN, 1/2" X 3/8", HORSE HAIR

The 2032-1 from Techspray is a high precision TechClean horse hair brush for cleaning and coating. This brush is used for cold/bucket cleaning, electronic assembly, electronic repair, electrical cleaning, office equipment maintenance and plant maintenance. Order Code

80K6222

BP-100 TOOL BACKPACK, BALLISTIC NYLON, 20 [°] x 14.5 [°] x 8 [°], 2.87 KG

BP-100 is a Technician's tool bag backpack that features 36 organizer pockets and 12 pocket straps to hold all your tools in place with a durable water resistant base to protect it from the elements. It also has a hard, moulded front pocket for delicate items. Order Code

93AJ2404

TR-600-HIK PAPR KIT, VERSAFLO, HEAVY INDUSTRY, GAS/PARTICULATE/VAPOR, NIOSH

TR-600-HIK heavy industry PAPR kit for rugged operations such as industrial, demolition, grinding, metal finishing and casting. The air purifying respirator takes the entire Versaflo system to new levels of confidence, control and comfort.

Order Code 57AJ1089



DESCO

ASK-39793 MAT ROLL, DISSIPATIVE, VINYL, BLUE, 24" X 30', STATFREE B2 PLUS SERIES



ASK-39793 is a dark blue STATFREE® B2 plus dissipative vinyl roll. Multi-layer vinyl Dissipative (1 x 106to <1 x 109 ohms Rtt) Top Layer. Conductive mesh inner layer. Conductive (<1 x 106Rtt) bottom layer.



Order Code 62AJ7876

91-XC2-US-05H IONIZER, BENCHTOP, EXTENDED COVERAGE, HEATED, 120 V, 14.13 ° X 7.2 ° X 6.5 °

Simco-lon's new Aerostat XC2 provides complete wide area ionization protection. As with its' predecessor, the Aerostat XC lonizing Blower, the Aerostat XC2 is designed and built for reliable, long-term static control for a



SIMCO

variety of electronic, semiconductor, flat-panel display and medical assembly applications. Order Code

72AC8590

5-1987 WIRE STRIPPER, ERGO-ELITE, 26-16 AWG CAPACITY WIRES



The 55-1987 is a Wire Stripper with 16 to 26GA wire, ergonomically engineered for superior comfort, balance and control, tool constructed of rigid polyurethane reinforced with carbon fiber providing excellent strength at 40% the weight of metal hand tools. Order Code

18K8801

26501-LED-8D MAGNIFIER, LED, 3X, MAGNIFICATION, 45 °, ARM LENGTH



The 26501-LED-8D is a ProVue 8-diopter LED Magnifying Lamp with 45-inch adjustable arm length. The ProVue LED 8D workbench lamp reduces eye strain and vision fatigue for high volume industrial users.

Order Code 28Y7449

8511 PARTICULATE RESPIRATOR



The 8511 Particulate Respirator features the proprietary 3M™ Cool Flow™ Valve and helps provide comfortable, reliable worker respiratory protection. It is ideally suited for hot/dusty work settings that require long periods of wear.

Order Code **31M7908**







mountz[®]







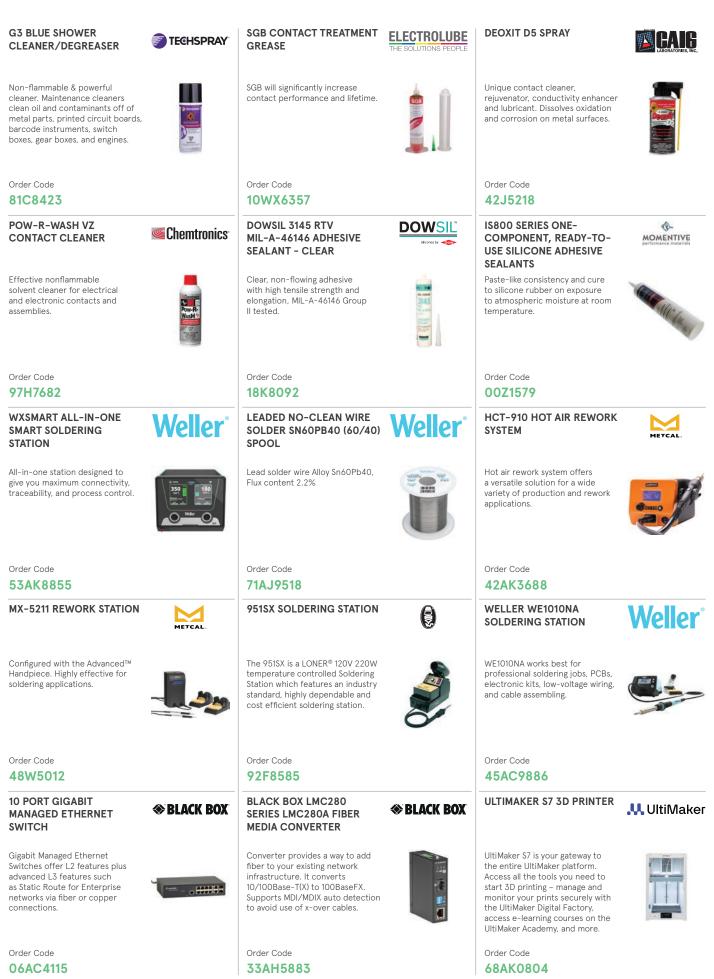
SIMCO

TECHSPRAY

JONARD TOOLS

TOOLS & PRODUCTION SUPPLIES









NEW MULTICOMP PRO STUB END STRIPPER FOR RG6 AND RG59 COAX CABLES	multicomp PRO	NEW MULTICOMP PRO CRIMP TOOL FOR RJ11 & RJ45 CAT5, CAT5E, CAT6 UTP MODULAR CONNECTORS	multicomp <u>PRO</u>	METAL FOLDING HEX AND TAMPER STAR KEY SETS	multicomp <u>pro</u>
The Multicomp PRO MP010404 is a tool for stripping and prepping coaxial cable in the tightest places, such as MDU boxes, wall plates and most tight places.		The Multicomp Pro MP010403 is a Dual Chamber Modular connector crimping, stripping, and cutting tool, for RJ11 and RJ45 CAT5, CAT5e, and CAT6 UTP (Unshielded Twisted Pair) modular connectors.	PAR B	CRV+Chamfer Material with Metal Cover. 7 Pieces 1.5/2/2.5/3/4/5/ómm Metal Folding Hex Key Wrenches	
Order Code 46AK9128		Order Code 46AK9127		Order Code 29AK2347	
TECHNICAL CLEANING BRUSHES	multicomp	32 PC, SCREWDRIVER SET	multicomp	HELPING HANDS WITH MAGNIFIER	multicomp
Multicomp Pro now offers a range of technical cleaning brushes with horse hair bristles.		The MP700128 is a 32-piece magnetic screwdriver set. The bit block has all the options that user need for fastening specialty screws found in electrical boxes, conduit couplers, outlets and other common job site fixtures.		Clips and magnifier can be adjusted in any direction. Removable, metal sponge tray Robust steel base, Suitable for soldering, PCB and circuit board repairs Lens diameter: 90mm Magnification: 3x	
Order Code 77AJ8511		Order Code 34AH5387		Order Code 36AJ3913	
STORAGE CASE	multicomp	ELECTRONICS CUTTER KIT	multicomp	TACTICAL WATERPROOF EQUIPMENT CASE	multicomp
The Multicomp Pro 17028.207.SPU Storage Case features innovative design with soft lines, its stackable, moulded polypropylene and includes Foams.		This set consists of 4 Pliers: MP700389 Micro Cutting Electronics Cutter - Conductive Handle; MP700390 Heavy Duty Micro Cutting Plier - Dissipative Handle; MP700391 Heavy Duty Micro Cutting Plier with Safety Clip & Dissipative Handle; MP700392 Micro Cutting Plier - Dissipative Handle	23	These waterproof cases are high quality and specification can be relied on for military use, travel, offshore, etc. They are perfect for protecting items in extreme environments and are ideal for transport and protection of camera and audiovisual equipment, electronics, etc.	The A
Order Code 99Y9786		Order Code 37AJ4433		Order Code 83X6730	
WELDING FUME EXTRACTOR	multicomp	SOLDER POT	multicomp	SOLDER SMOKE ABSORBER	multicomp
The MP740146 ESD safe benchtop fume extractor can be operated vertically or horizontally, it can quickly, safely and quickly remove soldering fumes and smoke. The filter is made of highly activated carbon, strong and absorbent.		The MP740404 is a corrosion- resistant and heat-resistant alloy solder pot, that is suitable for lead-free operation. This solder pot with temperature control from 200 C to 480 C has a beautiful design is reliable and practical.		The MP740766 Solder Smoke Absorber can be used as a bench fan or as a solder smoke absorber. The fan is designed to sit on a desktop or can be hung from a support beam. I carbon fibre filter is included with low noise and long life service fan.	
Order Code 39AH0171		Order Code		Order Code	
RATCHET CRIMP TOOL KIT	multicomp	WIRE STRIPPER	multicomp	ABS 19" RACKMOUNT FLIGHT CASES	multicomp
The MP009830 Tool Kit is a versatile solution for all your crimping needs. This comprehensive Ratchet Crimp Tool Kit comes equipped with a range of five interchangeable dies, ensuring that you have the perfect tool for every crimping task.		The Multicomp Pro MP009732 is a Wire Stripper with Self-Adjusting Insulation, 24AWG to 10AWG Capacity.	R	Made with durable ABS, Aluminum, Steel, Industrial quality butterfly clips, Gasket sealed lids for maximum protection against dust, moisture, and other unwanted contaminants.	
Order Code 33AK6818		Order Code 32AK6333		Order Code 25AC5169	

INDUSTRIAL EMBEDDED COMPUTERS Enabling Next Generation of Industrial Applications

We offer the latest cutting-edge industrial embedded computers designed for use in today's most demanding industrial IoT and edge computing environments.

To give you peace of mind, our industrial computers help reduce downtime and prevent failures. Embedded computers from industry-leading suppliers are available in a variety of form factors that are ideal for space-constrained implementations and are engineered for performance and reliability.



Compliance

and support



Multiple connectivity

Long time

availability







Extended IOs







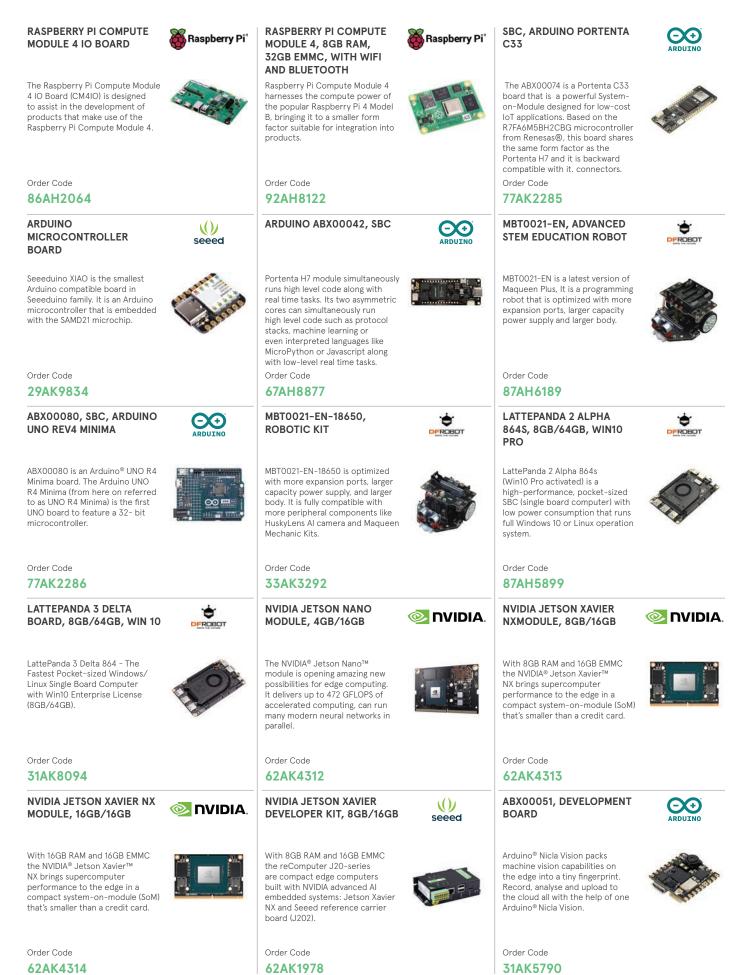




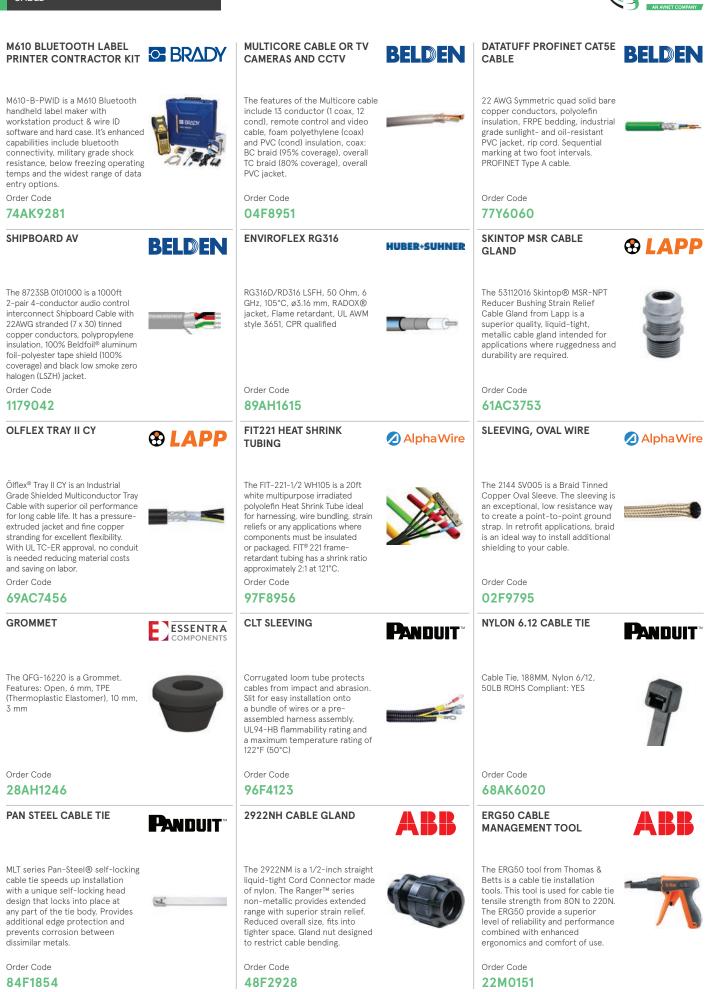




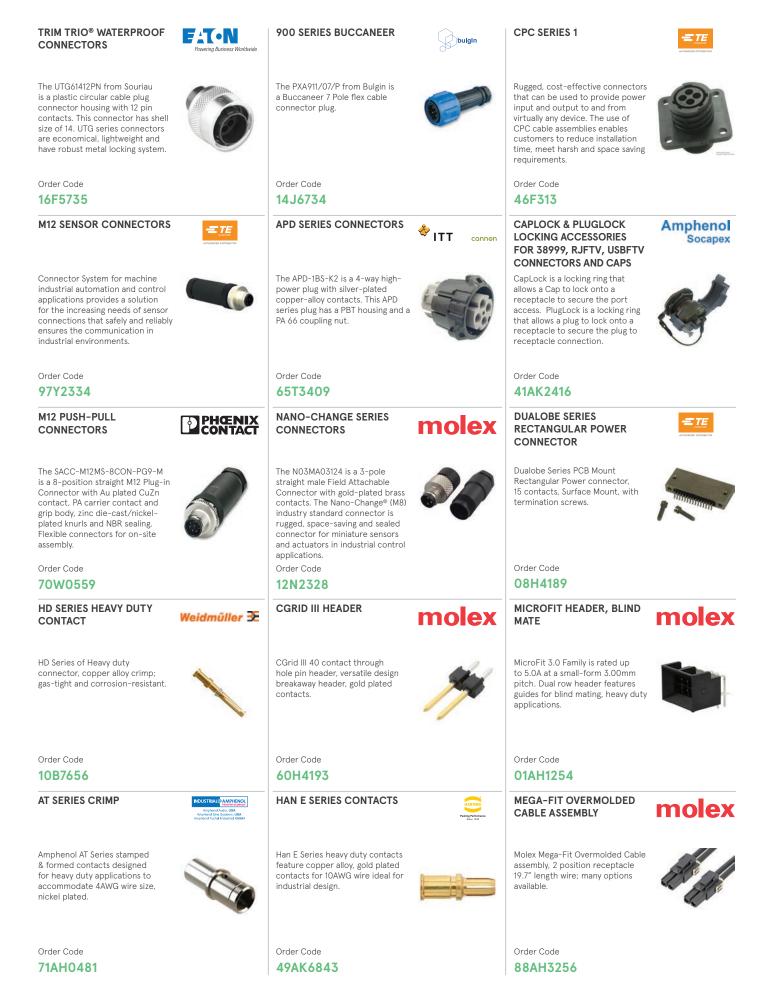












HAN MODULAR COMPACT

Han Modular series of heavy duty connector hood features side cable entry mounting, die-cast zinc with nickel plated finish and is for use in -40*C to +125*C temperature range

Order Code 29H1466

MAGNETIC 5A CONNECTORS

The MP magnetic connectors are a fantastic solution if you require a 2 contact connector, Nd-Fe-B magnetic connectors able to withstand at least 5000 mating cycles. Cable connector available as in-line or right angle and comes with 2m 2 core cable.

Order Code 64AH1568

MINI I/O CONNECTORS

Rectangular connectors that transfer data between devices in industrial applications. Supporting Power over Ethernet (PoE), PoE+ and PoE++ (IEEE802.3at and IEEE802.3bt) and Data rates from 10Mbps up to 10Gbps.

Order Code 40Y2963

IP67 RJ45 / USB CONNECTORS

For data communicationin harsh environments. CONEC has developed USB and RJ45 connectors in plastic, metalized plastic or full metal shells with IP67 protection IP67 for use where dust and spray water occur.

Order Code 61AK4816

MICRO D CABLE ASSEMBLIES

High density miniaturized connectors supporting the demand for environmentally safe. high temperature and ruggedized moisture-sealed interconnects.

Order Code 75AH8605



INDUSTRIAL ELECTRICAL CONNECTORS



67AK5680

IP67 MP-Y13 / MP-**Y21 BAYONET POWER** CONNECTORS



A robust range of connectors incorporating bayonet couplings for quick and easy connection/ disconnection. Panel mount, cable mount and in-line cable mount options allow versatility. The MP-Y13 series offers up to 13A / 250V and MP-Y21 series up to 30A / 500V.

Order Code 64AH1645

BRAD INDUSTRIAL ETHERNET CONNECTORS



Bayonet Style and threaded RJ-45 connectors designed to Ethernet specifications. Provides reliable connectivity in harsh industrial automation environments.

Order Code 02AC9677

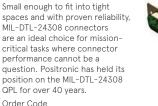
MACHINED MICRO-D SPACE NORCOMP SAVING CONNECTOR TECHNOLOGY



Order Code 31AJ9720

M24308 CONNECTORS





41AJ7431

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HEAVY DUTY CONNECTORS multicomp PRO

A full range of heavy-duty inserts, housings, crimps and accessories. These connectors have been created for applications that are subjected to harsh environments or where high vibration can cause standard connectors to fail. Ideal for food & beverage manufacturing, packaging



machines, conveyor belt systems, railway, oil & gas Order Code

32AK0456

IP67 M12 PUSH-PULL CONNECTORS

multicomp PRO

The MP M12 push-pull connectors are a range of chrome plated brass connectors that are both solid enough to be used within tough environments whilst also being aesthetically pleasing. 12mm panel cutout size, push-pull coupling, 2-9 poles, rated up to 13A / 250V, minimum of 500 mating cycles. Order Code



IX INDUSTRIAL® ETHERNET INTERFACE



Miniaturized alternative to the RJ45 for IIoT and industry 4.0. Smaller and more robust IP20 plug-in connection which can still produce Cat 6A performance for 1/10Gbit/s Ethernet.



Order Code 78AC4930

SINGLE PAIR ETHERNET **IP20 CONNECTORS**

Amphenol[®]

Single Pair Ethernet (SPE) connectors for Industrial applications bring direct Ethernet connectivity to peripheral devices like sensors, actuators, and vision system cameras that operate at speeds up to 1Gb/s.

Order Code 62AJ3553

USB TYPE C 240 W POWER DELIVERY



Avoid the frustration of product to failure with GCT's range of high reliability USB Type-C connectors rated at 20,000* cycles which is twice the industry standard.



Order Code 86AH2022







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