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Find thousands of in-stock connectors,  
wire, cable, components & test equipment  
in stock at [newark.com](http://newark.com)

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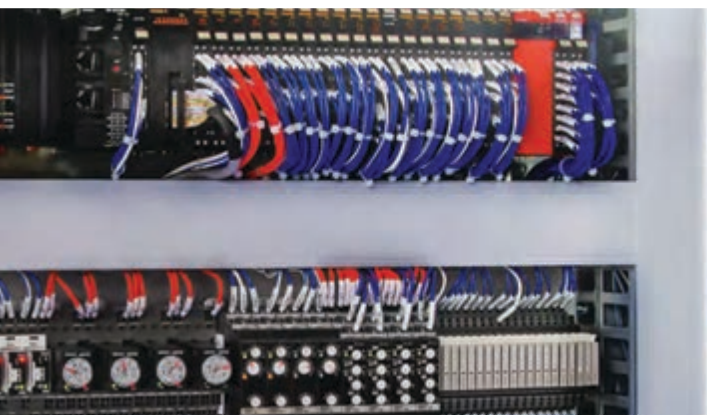


## How much is unplanned downtime costing you per year?

Wouldn't it be great if your equipment could tell you when it needs maintenance or warn you of an upcoming failure before it happens? Since aging equipment and worn components are a leading cause of premature failure and unplanned downtime, having the right predictive

maintenance solutions in place helps companies like yours detect and act upon potential equipment failures before they result in major expenses.

Contact us today >



### Learn how predictive maintenance solution from Omron can help you:

- Maintain regular operations and avoid disruptions caused by equipment failure
- Reduce operating expense by providing maintenance only when needed with condition monitoring and analysis
- Reduce added expenses and impact associated with skilled labor shortage



## Eaton Power Supplies



### SL-PS Series Power Source



### Low cost 15W-320W AC-DC power supplies



Eaton's PSL Low Profile Power Supply line is robust - ranging from 10 Watt to 100 Watt Class 2 Power Supply.



DIN rail mounted DC power source for industrial control systems offering short-circuit, over-load and over-voltage protection.



Compact, enclosed, wide input 85-305VAC power supplies for embedded applications requiring power options from 15-100W and with PFC 150-320W



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### TMW Series 24 & 36 Watt Medical/Industrial AC-DC Power Supplies



### TXLN Series AC/DC Industrial Power Supplies from 18-960 Watts



### SolaHD SVL Three-phase series DIN Rail Power Supply



Compact 2.1" x 2.1" footprint with chassis mount or PCB mount encapsulated packages and IP68 rated. Designed for medical, industrial & building automation with 62368-1 and 60601-1 safety approvals



Metal enclosed power supplies in 12 power levels with screw terminal connections, designed for a wide range of cost critical industrial and general-purpose applications requiring IEC/EN/UL 62368-1 safety approvals



Perfect for high volume, controlled environment applications where essential features are the only requirement. The DIN rail mounting capability provides quicker and easier installation while allowing for design flexibility.



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### 750W 3.3 - 18V 45A Non-isolated Stepdown DC-DC Converters



### 24V 20A DIN-rail mount buffer module



### Junction Box Power Supply



The i7A24045A-003V accepts a 24V input and provides a 45A 3.3-18V output. With efficiencies up to 98.5%, they measure just 34x36.8x11.5mm (1/16th Brick Footprint)



DIN rail mount buffer module has space saving 49mm width and inhibit function for safe operation. The DBM20 provides an extended 250ms hold-up.



Ideal for hard wiring essential stationary equipment or devices. Power configuration: 12Vdc/1.5A or 24Vdc/0.75A. UL; CSA/ Class II; FCC; Over voltage and circuit protection



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## OMRON Power Supplies



### PSU-93 Plug-in Power Supply, Unregulated 16-23 Vdc Output Power



### 3PN Series Variable Transformer



The S8VK-G offers a wide product range (from 15W up to 480W), in a very compact size. It is 13% smaller than comparable power supplies and the smallest on the market of its type.



PSU-93 plug-in power supply provides an unregulated 16 to 23V supply for electronic equipment.



Cased plug-in model features a ventilated steel case, input line cord and plug, fused NEMA rated output receptacle and illuminated on/off switch.



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## CliQ DIN RailPowerSupply



### OmniSmart LCD 120V 50/60Hz 1500VA 810W Line-Interactive UPS Tower



### SmartPro 120V 1.5kVA 1.35kW Line-Interactive Sine Wave UPS, 2U



Rugged and compact design, universal AC input voltage without power de-rating. Industrial and ITE safety approvals



Tripp Lite's OMNI1500LCDT offers voltage regulation, surge suppression and long-lasting battery support for personal computers, network workstations, home entertainment systems and media centers.



Protects connected mission-critical equipment against damage, downtime and data loss due to blackouts, brownouts, power surges and line noise. Ideal solution for data centers, VoIP systems and network closets.



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# — Internationally Certified Power Supplies with **Wide AC Input** for Global Applications

The **LCW series** wide input (85-305VAC) enclosed AC-DC power supplies with power levels of **15W to 320W**, provide an extremely competitive solution for industrial electronics & technology applications.

## Features

- Input voltage 85 to 305VAC or 100 to 430VDC
- 15W to 200W convection cooled, 320W fan cooled
- 150W / 200W / 320W models with active PFC
- Up to 90% efficiency, low stand-by power consumption
- 4kVAC input to output isolation
- Short circuit, overvoltage & overload protection
- Industrial & ITE approvals UL/EN62368-1
- Household EN60335 from 35W to 150W
- Transformer safety EN61558 from 35W to 150W
- Class B conducted & radiated emissions
- Output voltages from 3V3 to 48VDC
- Power 'ON' LED indicator
- Integrated connector terminal cover
- -30°C to +70°C operating temperature

## Applications

- Industrial control
- Signage
- Lighting systems
- Smart home & office
- HVAC control
- Test & measurement
- Instrumentation
- Security & PA systems
- Vending & ticketing
- 2D & 3D printing
- EV charging station control systems
- Auxiliary power sources
- Factory automation
- Audio visual



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## Series PTS847 Small, Reliable Switches

Get smaller and reliable switches for designs that has limited PCB space. Applications: Sports watch, hearing aids, IoT portable devices



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## Serie ILS LED Tactile Switch

New range of illuminated tactile switch with different height and integrated LED in THT soldering leads.



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## N3030 Toggle Switch Boot

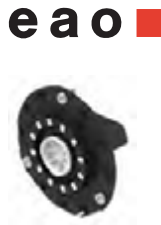
Provides complete and reliable cost effective long term protection



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## EAO Series 56 Universal Switch – Sealed with large actuation surface

Series 56 Universal Switch provides sealing, both front and back, to IP larses. With a large actuation surface and LED illumination, the Series 56 Universal Switch can be located quickly.



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## EAO Smart Box, a plug & play solution for operator devices

EAO Smart Box is a simple and customisable plug & play solution for operator devices for emergency stop functions in Industrial and factory automation applications.



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## 2CCP Series Cable Pull Switches

Provides an easily accessible emergency stop function for conveyors, featuring dual actuation reducing units per installation..



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## 20A 28VDC Environmentally Sealed Toggle Switch

SPST environmentally sealed MIL-DTL-3950 toggle switch. ON-NONE-OFF circuit. screw terminals. UL recognized and CSA certified.



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## 20A 28VDC Environmentally Sealed Toggle Switch

SPDT environmentally sealed toggle switch. MOMENTARY ON-OFF-MOMENTARY ON circuit. spade terminals. UL recognized and CSA certified.



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## 450 Serie4s Heavy-duty Power Relay

large Base with DIN Rail and Panel Mount Option with 10,000,000 Cycles Mechanical and 100,000 Cycles Electrical



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## AC Over-Current Monitoring Relay with a 12mm Through Hole

The 2-20AAC DIA53S72420A Current Monitoring Relay is self-powered and provides an output when the adjustable setpoint is exceeded. It snaps onto DIN rail and provides a 100mA transistor output.



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## Three Phase Monitoring Relay to Protect Machinery and Equipment

The 208-480VAC DPA01CM44 3-Phase Monitoring Relay protects your machinery and equipment from phase loss or phase reversal. It also provides a SPDT 8A contact output if the voltage is fine.



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## RV8 Interface Relays

IDEC interface relays for general purpose relay requirements. The RV8 series interface relays are ideal for PLC's, industrial automation, and panel builders applications.



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## High power, low-heat generation power relay

480 VAC/100 A high current switching capable, low initial contact resistance ≤5 mΩ, high impulse withstand voltage 10 kV, ambient temperature 85°C



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## PCB power relay for inrush current prevention

Achieves 500 VDC 10 A switching capacity used with 2 pole series wiring, 3.0 mm contact gap, and offers high insulation



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## Solid State Relay 20A 660VAC

Mini Puck, Panel Mount, 20A for space demanding applications



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## ENA36TL Absolute Rotary Encoders with IO-Link

**PEPPERL+FUCHS**

ENA36TL Absolute Rotary Encoders provide advanced flexibility using IO-Link interface which allows parameter customization and condition monitoring. Available in recessed hollow or solid shaft, and 36mm housing.



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## ENA Absolute encoders with IO-Link

**PEPPERL+FUCHS**

ENA Absolute encoders with IO Link are high precision encoders with internal magnetic sampling. The integrated IO Link interface offers an optimal adaption to different applications through parameterization.



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## UC500 & 1000 Ultrasonic Sensors with IO-Link

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UC series ultrasonic sensors combine versatility with compact housing and IO-Link for programming and diagnostics. Precise interference suppression and adjustable sound beam width provide flexible application.



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## 84.02 SmarTIMER

**flinder**  
SWITCH TO THE FUTURE

Quick and flexible programming right from your smartphone. With NFC technology and "Finder Toolbox NFC" for Android and iOS. "Two in one" - two totally independent programmable channels in a single product.



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## Honeywell Micro Force FMA Series

**Honeywell**

The FMA Series are fully calibrated and temperature compensated, piezoresistive-based force sensors offering a digital output for reading force over the specified full scale force span and temperature range.



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**ELCOP**  
SENSING

Proven and robust silicon MEMS vibrating ring gyro and dual-axis accelerometer



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## HANI Clamp Mount Temperature Sensor

**OMEGA**

Omega's innovative clamp-on design makes sensor installation easy. HANI™ Clamp Sensors mounts to the outside of a metal pipe and measures the temperature of the process media inside the pipe.



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## HT3P Safety Commander

**IDEC**

Enable industrial tablets to provide operation safety. With Safety Command™, a tablet can be used in both vertical and horizontal orientation, thanks to a rotating holder.



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## MIPS Series Media Isolated Pressure Sensors

**Honeywell**

Media isolated. Amplified. As low as  $\pm 0.75$  %FSS TEB. Absolute, sealed gage. Stainless steel. 1 bar to 60 bar - 15 psi to 870 psi



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**OPTO 22**

Revolutionizes remote I/O by offering over 200,000 unique, software-configurable I/O combinations in a single, compact, PoE-powered industrial package with web-based configuration, commissioning, and flow logic software built in.



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## Sure Cross™ DXM100-B1 Wireless Controller

**BANNER**

The DXM100-B1 is an industrial wireless controller that facilitates Industrial Internet of Things (IIoT) applications. As a communications gateway, it interfaces local serial ports, local I/O ports, and local ISM radio devices.



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## 2 Port RS232 PoE Ethernet to Serial Adapter

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Simple instantly networked RS232 serial ports with PoE. Data transfer up to 1 MegaBaud delivers uncompromising performance. large or user-defined Baud rates. IEEE 802.3af compatible with any PoE switch.



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## Industrial Gigabit 5 Port Ethernet Switch

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## UNO-430-E1A Waterproof Outdoor Data Gateway

**ADANTECH**  
Enabling an Intelligent Future

Designed for operation in harsh outdoor/industrial environments, UNO-430-E1A features all-around IP69K/68-rated ingress protection and cable gland I/O connectors to provide a watertight solution that can withstand demanding applications.



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## EKI1511 Gateway Server

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The EKI-1511 Series focus on the entry level device server market, providing an economic solution that is designed to connect RS-232 or RS-422/485 serial devices such as PLC, meters, and barcode readers to an IP-based Ethernet LAN.



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## SX5E Series 5- and 8-Port Unmanaged Industrial Ethernet Switch

The SX5E series of 8-port unmanaged switch supports the IGMP snooping function and QoS function, which automatically prioritizes EtherNet/IP packets



## PoE Unmanaged Ethernet Switch

4FE PoE and 1FE Unmanaged Ethernet Switch, IEEE802.3af, 24~48VDC. Supports 10/100 Mbps Auto Negotiation & Ethernet ESD protection. Slim size, DIN-rail/Wall mount with IP30 metal housing.



## Industrial Raspberry Pi 4 HAT Gateway Kit with POE

Industrial-grade gateway kit provides Raspberry Pi-ready solutions for rapid prototyping and the integrated PoE function allows users to power Raspberry Pi4 via an Ethernet cable.



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## Toroidal Power Transformer, 120VA, Dual Primary / Dual Secondary

Hammond 1182 series toroidal powder transformers offer a lower profile, lighter weight, better efficiency, and lower leakage compared to other traditional designs.



## 19" Rack Mount Aluminum Chassis with Great Flexibility

The Rack Mount Chassis Series of aluminum chassis. Fits large 19-inch racks. Side panel perforated for mounting of components. Fully adjustable rear panel. The front panel features "Surface Shield" protection for laying out punching positions.



## PN-A Plastic Box rated IP68 NEMA 6P

The PN-A Series of IP68 and NEMA 6P boxes protect against harsh environments. The boxes meet NEMA 1, 2, 4, 4x, 6, 6P, 12, and 13 specifications. The boxes are made of UV stabilized polycarbonate plastic.



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## Ventilators for Aria Enclosures

Set of two white ventilation grids for a 1.4" hole.



## C-300 Series Solid Bearing Slides

18" cabinet mount (37" extended) non-pivot slide made of cold rolled steel. Coated with Poxylube® dry film lubricant and is designed to lock-out in the extended position.



## Data Access Port

The Data Access Port provides data port and electrical outlet access to equipment without the safety hazards of opening the panel.



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## Universal power meter for single, split and 3-phase applications

Panel-mounted power meter for single-, split- and 3-phase applications measuring Active (W), Reactive (Var) and Apparent (VA) power simultaneously. Includes MODBUS RTU communications. User programmable scale and alarms.



## PLATINUM® Series Universal Input Digital Panel Meter, 4 digit display

DP8PT microprocessor-based digital panel meter offers unparalleled flexibility in process measurement. This economical panel meter has a 4 digit single display unit.



## PLATINUM® Series Universal Input Digital Panel Meter

DP8EPT microprocessor-based digital panel meter offers unparalleled flexibility in process measurement. This Panel meter has a 5.5 digit single display unit which provides for a higher resolution and more precise data points.



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## WLS15 Low Profile Low Power LED Strip Light

A low-profile strip light with a sleek design used to enhance visibility in a broad range of applications for workspaces and machines



## WLS15 Low Profile, Low Power LED Strip Light

The WLS15 is a low-profile strip light with a sleek design used to enhance visibility in a broad range of applications for workspaces, electrical panels, or machines.



## LED Enclosure Light

LED light kit ideal for remote and darkened enclosure applications. Easily mounted with magnets. 900 Lumens, 100-240 VAC. Power supply cables sold separately



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## S15WL In-Line Illuminator with 360 degree illumination



S15WL features 360-degree white light for better machine visibility. These are compact illuminators with double-ended connections for mounting in-line with cordsets and other products.

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## DM1 and DC1 Compact Drives

Eaton's DM1 and DC1 AC Drive family is a low cost, high performance VFD is ideal for panel builders and industrial end users

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## Power Defense Circuit Breakers



The latest circuit breaker technology, which is built into Power Defense MCCBs, delivers predictive diagnostics that help you better uncover, diagnose and stop power outages before they happen.

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## Power Fuses - Voltage Ratings Up to 800V



Power fuses with voltage ratings up to 800V, offer optimal protection against overload and short-circuit events in high power AC/DC circuits. Typical applications include Solar, air conditioning units, telecommunications, Electric Vehicles.

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## 20kA DC Block RF Surge Protector



L-com DC Block RF lightning arrester provides reliable performance between 125MHz to 1GHz for 375W applications protection

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## AK25489 Series Axial Fan



High speed axial fan with 2-ball bearing and wire leaded power connection. High quality aluminum die casting frame flatted with black paint and black PBT plastic with glass fiber impeller.

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## DC Axial Fan 105.94 CFM



Harsh environment fan rated to IP69K with Auto Restart/Polarity Protection. Ambient Temperature Range: -10°C ~ +70°C (Operating) -40°C ~ +70°C (Storage). 24 V, Square, 92 mm, 32 mm, Ball Bearing

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## DC Axial Fan 91.82 CFM



Harsh environment fan rated to IP69K with Auto Restart/Polarity Protection. Ambient Temperature Range: -10°C ~ +60°C (Operating) -40°C ~ +70°C (Storage). 24 V, Square, 80 mm, 38 mm, Ball Bearing

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## NMB Expands PWM Offering - In Stock for Immediate Delivery!



NMB expands its large PWM offering w 3-wire PWM w Tach!

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## NMB Expands PWM Offering - In Stock for Immediate Delivery!



NMB expands its large PWM offering w 3-wire PWM w Tach!

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## Heavy Duty Power Distribution Strip w/ IEC Connectors, 230V, 10A



Hammond's 1581 Series PDU's are rated for 100-240VAC and include IEC inlets and outlets and has a rugged all-metal housing. UL listed and TUV certified.

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## Rack-mount Power Distribution Strip



Rack mounted PDUs provide convenient and reliable power to equipment mounted in cabinets or racks. 10 outlets, 20amp, 120VAC, with 2000-joule surge protection.

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## Thin Plate Pure Lead Technology



EnerSys Cyclon® lead acid batteries deliver the greatest high-rate power density for your energy dollar.

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## Genesis NP Series Lead Acid Battery



Features high energy density, leak proof construction, excellent performance, and long service life making it the most reliable and versatile maintenance free rechargeable sealed lead acid battery

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## Datasafe NPX Batteries



Features valve regulated lead acid (VRLA) technology. Delivers exceptional power density. Designed for high-rate discharge applications. Offer a superior value for a range of uninterruptible power supply (UPS) applications.

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A man and a woman are looking at a tablet together. The man is on the left, looking towards the camera with a slight smile. The woman is on the right, looking down at the tablet with a focused expression. The background is a soft-focus indoor setting.

*creating connections for life*

---

Molex believes in the transformative power of creating connections. As a leading global provider of connector solutions, Molex brings engineering excellence, trusted relationships and an unparalleled commitment to quality and reliability to help customers across industries improve lives. Trusted for more than 80 years, Molex offers world-class design, manufacturing and a portfolio of 100,000+ innovative products. We're doing more than developing solutions, we're *Creating Connections for Life*.

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**molex**

*creating connections for life*

## Spring Clamp Terminal Blocks Reduce Wiring Time



The ASP025 terminal block, with METZ CONNECT's patented cage clamp design, is delivered wire ready with an open terminal chamber, and provides a gas-proof connection at the terminal point



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## Cam-Lok(tm) J-Series E1016 Receptacles



J-Series elastomeric 1-1/8" and 3/4" threaded stud insulated receptacles. Double cam principle provides a positive, vibration-proof connection. Watertight elastomeric body is colorfast and color-coded for easy phase identification.



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## 134 Series Power Distribution Blocks



Provides panel builders an open style listed Power Distribution Block that complies to the latest feeder circuit requirements for amp ranges 175-510A.



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## Sealed Amplimite D-Sub Connectors



IP67 rated connectors with grommet, interfacial seal, and internal connector sealant. Tested to 1 m depth and are designed to meet MIL-DTL-24308. Uses AS39029 QPL contacts, intermateable with large D-Subminiature connectors.



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## The Intercontec 923 series Circular Connectors



With options of 6, 8, 9 and 10 poles it offers classic power supply but even possibilities for hybrid applications like communicating hyperface protocols.



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## Cliffcon® series High-Power Connectors



Incorporating a tough, durable construction with gold plated touch proof contacts to IEC65, IEC348 and IEC1010-1, easy locking/unlocking mechanism and integral cable clamp, Cliffcon® is the ideal connector for many different applications.



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## Water and environment resistive UL certified connectors and cable assemblies



Compact connectors and cable assemblies meet IP67 requirements and ensure a 94V-0 fire retardant rating. A wide array of connectors makes a wiring system more modular, simplifies maintenance, and reduces downtime.



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## PCB Insulated Terminal Block



Suitable for today's requirements of high current and high voltages (1,000 volts) on PCBs.



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## Quicklock Circular Connector



Circular power connectors with Quicklock mechanism Size 20 for signal and load currents up to 20 A.



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## D-Subminiature Backshells, Contacts & Accessories



Large, High-Density, Combo-D, IP67 Waterproof, Stacked and hermetic connectors available.



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## High Power Panel Mount Barrier Terminal Blocks



BlockMaster's HP Series Power Distribution Blocks. Available from 115A to 380A at 600 Volts. These industry standard 3-pole blocks are available with or without safety covers.



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## ODU MINI-SNAP L Series



Self-locking circular connector with a robust metal housing, wide range of sizes and environmentally sealed IP50 & IP68.



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## Off-the-Shelf Mega-Fit Single-Row Cable Assemblies



Off-the-Shelf Mega-Fit Single-Row Cable Assemblies deliver a 25.0A current rating and offer a variety of cable lengths with a compact connector to support both prototyping and global production.



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## e-Power Lite Connector System



Rectangular, Plastic, Press fit, Touch-Proof, Environmental, Power Connector



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## Turret Solder / Press Mount Terminals



A wide range of Turret Solder / Press Mount Terminals in stock from Cambion



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## DBL Power Distribution Blocks

The exclusive compact and modular design of our power distribution blocks allows easy installation combined with a great flexibility of use.



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## 2600 Series PCB Terminal Blocks

Feature Push-In CAGE CLAMP™ connection technology allow for increased pin spacing and double pinning to allow for expanded current capacities while maximizing voltage ratings.



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## ecomate™ RSSM (Rugged Superior Seal Metal) Circular Connectors

The ecomate™ RSSM (Rugged Superior Seal Metal) Series of circular, metal connectors provides an IP69K rating (in mated condition) for industrial applications all in a silicone sealed connector system.



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## Amphenol

## CSA and UL Approved North American Power Cords

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## HiPer-D® (M24308 Style) Connectors

The Glenair Series 28 HiPer-D® connector is intermateable and intermountable with large M24308 type D-Subs, but meets the need for improved performance in rugged environments.



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## A Series Female Premium XLR Connector

The original A Series premium XLR connector with adjustable dual pressure plate cable clamp, flexible strain relief, and removable pin insert.



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## powerCON TRUE 1 TOP Series

A locking 16 A true mains connector for outdoor applications. This heavy-duty sealed power connector have (CBC) breaking capacity where it can be connected or disconnected under load or live. Ideal in demanding environments.



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## powerCON TRUE 1 TOP Series

A locking 16 A true mains connector for outdoor applications. This heavy-duty sealed power connector have (CBC) breaking capacity where it can be connected or disconnected under load or live. Ideal in demanding environments.



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## Dante™ Interface

NA2-IO-DPRO is a 2IN, 2OUT breakout box designed to connect legacy audio equipment with the Dante™ network.



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## POWERLATCH™ Cable Connectors

Specialized AC power connectors for AVL equipment with a heavy duty locking mechanism. Used in tandem with Powerlatch™ chassis connectors. UL Recognized and Approved Components



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## POWERLATCH™ to Edison Cable

Constructed using 14/3 SJTW wire with stranded copper conductors fitted with a NEMA 5-15P on one side and a IO-PRC3FA on the other. This construction allows the cable to achieve a high current rating of 15A @ 125V AC.



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## 60A Pin & Sleeve Connectors

Male plugs mate with female connectors, panel-mounted receptacles, and switched-socket outlets. Male inlets mate with female connectors.



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## 20A Pin & Sleeve Connectors

Male plugs mate with female connectors, panel-mounted receptacles, and switched-socket outlets. Male inlets mate with female connectors.



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## 100A Pin & Sleeve Connectors

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## 60A Pin & Sleeve Connectors

Male plugs mate with female connectors, panel-mounted receptacles, and switched-socket outlets. Male inlets mate with female connectors.



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### DataTuff® Industrial Ethernet Ruggedized Plug Kit



### REVConnect 10GX Shielded Coupler, CAT6A



### USB A 2.0 Cable Plug Connector



DATATUFF® INDUSTRIAL ETHERNET RUGGEDIZED RJ45 T568B PLUG CAT6A UTP/STP (FIELD KIT) SUITABLE FOR USE IN IP20 INSTALLATION



Belden's CAT6A 10GX key building block of 10GX Systems, deliver unmatched Beyond 10G™ performance exceeding all parameters specified in the CAT 6A large.



Create large and custom USB 2.0 cable assemblies with the Keystone Type A Plug Kit includes USB 2.0, Contacts, Insulator and Shell



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### AMC to SMA Cable Assembly **Amphenol**

### SMA Jack to BNC Jack 50 Ohm Adapter

### **Amphenol**

### Ganged 2 & 4 Port SMP N-Type Straight Crimp Plug

### **Amphenol**

IP67 AMC right angle plug to SMA straight bulkhead jack on 1.13mm micro cable featuring a low profile. Ideal for portable devices, instrumentation and remote measuring equipment.



Ruggedized IP67 SMA jack to BNC bulkhead Jack adapter for harsh environments. Ideal for low power applications including amplifiers, and test and measurement equipment including audio and signal generators and oscilloscopes.



Durable, weatherproof RF connector balances frequency and power, supporting up to 11 GHz and provides high power handling. Ideal for low and high power broadcast and communication equipment.



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### Johnson Type-N Coax Connectors



### Johnson 1.0mm Coax Connectors, up to 110GHz



### Ganged 2- & 4-Port SMP Connectors



Type N connectors are designed to satisfy the need for a durable weatherproof, medium-size RF connector with consistent performance through 18 GHz with semi-rigid cable and 11 GHz with flexible cable.



End launch/Panel end launch screw-on style connectors, sparkplugs and adapters.



Board-to-Board Solutions



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### N Type RF Interface, Jack, RF Connector Mated Outer Diameter



### RF Connector; SMA Straight Edge Mount Jack



### BNC Male to SMA Female Adapter



- RF Connectors
- N Type RF Interface
- Jack RF Connector Style
- RF Connector Mated Outer Diameter (Approximate) .75 in [19.05 mm]
- Impedance 50 Ω
- 11GHz Operating Frequency



The BU-1420701841 is an RF/Coax connector. It is an SMA edge mount straight Jack with a rating of 50 ohms.



The BU-P4289 is a BNC male to SMA female adapter typically used in radio frequency applications. The SMA end of the adapter uses a 1/4-36 UNS-2A thread.



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### SMA Female to Female Flange Mount Adapter, 2 Hole, with Screws **Amphenol**

### SMPM Female Termination (1/2 Watt)

### **Amphenol**

### In-Line Mini-Com TX6A Series



A new line of 2-hole flange mount SMA adapters. These rugged, passivated adapters come with two screws for easy installation.



SV's subminiature RF/coaxial terminations are installed at the end of a bus or transmission line to prevent signals from reflecting back. These devices are used to prevent electrical interference and are available in 1/2 watt power handling.



The Mini-Com® Cat 6A UTP RJ45 Coupler Module is designed and 100% factory tested to allow for up to one coupler to be used and meet channel performance requirements.



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## SENSORS, WIRE & CABLE

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A system control module receives this temperature reading and uses a control loop to control the system temperature. This could be engine temperature, heater temperature, industrial supply temperature, etc.

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### AAS-LDS-UNO Evaluation Board Kit

Includes the evaluation board, temperature & humidity sensor and CO2 sensor module. Used to evaluate Telaire air quality sensors including laser dust sensor, temperature & humidity sensors, CO2 sensor and more.

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### Amphenol



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### ThermoThin High Temp Hook Up Wire Blue, 20AWG, 1000ft

"Alpha Wire's updated version of the popular ThermoThin line combines maximum performance in an exceptionally small and lightweight construction. ThermoThin is most suited for use in oil and gas, semiconductor, industrial and military industries."

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Alpha Wire's new cables combine physical toughness and continuous flex performance in one cable to ensure your customer's peace of mind.

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### 10GXW Category 6A Cable Grey, Unshielded, 23AWG, 1000ft

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### 10GXW Category 6A Cable White, Unshielded, 23AWG, 1000ft

Belden's newest cable, 10GXW, is the industry's smallest-diameter Category 6A cable designed for smart building and multi-gigabit applications with performance optimized for in-building wireless networks.

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### 1000V UL VFD Flexible Motor Supply Cable 12AWG, 100ft

4-cond. (3)stranded tinned copper circuit conductors plus (1)ground wire with PVC insulation, XLPE insulation, Overall Duofoil® (100% coverage) plus a tinned copper braid shield (85% coverage), tinned copper drain wire, Sun- & oil-resistant PVC jacket.

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### 1000V UL VFD Flexible Motor Supply Cable 10AWG, 100ft

4-cond. (3)stranded tinned copper circuit conductors plus (1)ground wire with PVC insulation, XLPE insulation, Overall Duofoil® (100% coverage) plus a tinned copper braid shield (85% coverage), tinned copper drain wire, Sun- & oil-resistant PVC jacket.

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### Belden Industrial Protocol Data Bus RS-485 Direct Burial Cable 22AWG, 1000ft

Belden RS-485 120ohm 1pr cable is suitable for direct burial, serial communication (RS-485 large) comprising of PLCs, VFDs, HMI's, motors, RTU, SCADA, etc. within noisy environments over long distance, outdoor such as solar, lighting, etc.

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### ETHERLINE™ Cat6a Continuous Flex Networking Cable

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### ETHERLINE™ Cat7 TRAY Stationary 1000'

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## Adhesive Lined Heat Shrink Tubing, Medium Wall



Withstands mechanical abuse for increased product reliability. Resistant to impact, abrasion, chemicals and moisture. Adhesive-lined version provides a complete moisture-proof seal preventing corrosion of underlying components.

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## Adhesive Lined Heat Shrink Tubing, Dual Wall

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## Adhesive Lined Heat Shrink Tubing, Flame Retardant

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## Panduit Raceway Duct Cover

The C1.5LG6 PVC Duct Cover with Protective Film features a temporary protection film that protects duct covers from damage during the installation process. The cover features a non-slip, liner to prevent cover slide.

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## Panduit Narrow Slot Wiring Duct

The F1.5X3LG6 Panduit Lead-Free PVC Narrow Slot Wiring Duct features a narrow slot/finger design that closely matches the spacing of high-density components.

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## VeriSafe Voltage Tester



The VS-AVT-C08-L10 VeriSafe Absence of Voltage Tester is the first-of-its-kind voltage tester that determines the absence of voltage with just a push of a button.

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## BMP21 Plus Series Multi-Purpose Nylon Labels

High adhesion and high pliability are the hallmarks of Brady's nylon cloth (B-499) label material designed to meet a broad array of identification requirements from control panels to liquid nitrogen environments.

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## 3" Core Self-Laminating Vinyl Wire and Cable Labels

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Essentra beaded ties securely bundle cables, hoses and signs. Available in multiple colors and lengths from 2.5" to 12.75"

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## Essentra P Clamps

Essentra P clamps securely bundle cables and hoses. Available in sizes to bundle .063" to 2"

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## Twist Locks



Essentra twist ties are easily installed and removed by hand. They bundle cables or hoses from .11" to 2"

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## Three Conductor Cordsets with the EN60320 C13

Black jacket with CE color code. Other colors, color codes and lengths available. UL/CSA certified

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## L-com 125V Mains Power Cord

L-com NEMA 5-15P cable assembly is IEC 60320 C13 compliant and provides superior performance for 15A, 125V applications requiring 4.57m length

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## TOOLS & PRODUCTION SUPPLIES

### 91-6832-01 large Benchtop Blower, 240VAC



The Simco-Ion Model 6832 provides reliable, fast static charge control for benchtop work areas or mounted in confined spaces, allowing optimal electrostatics management that minimizes cost and maximizes protection for ESD-sensitive areas.

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Provides complete mini-environment ionization protection. The PC2 offers outstanding charge neutralization for targeted mini environments and has sufficient air velocity to provide static control up to 4 feet (1.2m) across a bench-top work surface

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Provides complete wide area ionization protection. The XC2 offers outstanding coverage for larger areas with <12 second discharge times at 6 feet (1.8m) distance from the face of the blower.

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Jewel® MagSnap adjustable wrist strap with magnetic connection between wrist band and coil cord

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This product meets ANSI/ESD S20.20 and is designed to be used in an ESD protected area.

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This indoor/outdoor Label Cartridge features a black ribbon on white tape, made of vinyl film with permanent acrylic adhesive and matte finish. Suitable for use with BMP21 series (BMP21-PLUS & BMP21-LAB), ID PAL & LabPal printers.

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The PCS-6 is a lock-in PCB Support made of natural colour nylon 6/6

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**575-4 Banana Test  
Connector, Jack, Through  
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Test Plugs & Test Jacks NON-INSUL JACK .218" BRASS NICKEL PLTD

**KEYSTONE**



**9774070982R - Spacer,  
Swage Round, Steel, 4.5mm  
Int. Dia, 8.2mm Ext. Dia,  
7mm Length**

SMT Spacers from Würth Elektronik significantly optimize the assembly process of electromechanical units.

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The 2602 is a 6-32 female Round Standoff made of ceramic. The ideal insulator, steatite exhibits exceptional strength in compression and tension

**ABBATRON** HHSmith



**1107-4-SS Spacer,  
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The 1107-4-SS is a 1/8-inch Round Spacer made of stainless steel. It is used for printed circuit board mounting and other applications requiring close control of dimensions.

**RAF Electronic Hardware**



**500-197-30 Digital Caliper,  
Digimatic, Absolute, 8",  
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The 500-197-30 is an AOS Digimatic Caliper with exclusive ABSOLUTE encode technology. The patented advanced onsite sensor (AOS) offers improved measurement dependability by increasing resistance to harsh workshop conditions

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**26505-ESL-XL5 Magnifier,  
Lamp, ESD, 5 Dioptre,  
Magnification, 36 ", Arm  
Length**

The 26505-ESL-XL5 from Aven is a Mighty Vue Pro dioptre ESD safe magnifying lamp with colour temperature control. It features adjustable colour temperature (3500K-6500K) and brightness control (maximum 1100lm).

**AVEN**



**8331 Silver Conductive  
Epoxy Adhesive**

A silver-filled two-part epoxy adhesive. Allows for quick, cold-soldering repairs. It can also be used as a solder replacement for bonding heat-sensitive electronic components, or for making conductive connections where soldering is not an option.

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Transparent coating provides ideal protection for both rigid and flexible printed circuit boards

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A unique, rejuvenator contact cleaner, conductivity enhancer and lubricant. Dissolves oxidation and corrosion on metal surfaces, fills in microscopic gaps and reseals surface for better contact to enhance flow of electricity.

**CAIG**



**Techspray 1630-16S -  
Cleaner, G3 Blue Shower,  
Aerosol, 16oz (US)**

The 1630-16S is a G3 blue Shower Cleaner/Degreaser, patented non-flammable cleaner formulated to be powerful, yet economical

**TECHSPRAY**



**HFFR - Hexane-Free Flux  
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HFFR is a fast-drying, n-hexane free solvent cleaner specially formulated for the quick and efficient removal of flux residues present after soldering. Designed to eliminate the use of ozone depleting solvents.

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WE Soldering Station is the most powerful station in its class, now in a new design.

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**ESD Safe 900W Hot Air  
Station with Iron**

The WTHA1 Hot Air Station featuring a built-in, high performance hot air pencil.

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**Weller SP40NKUS Soldering  
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40 Watt ergonomic Solder Iron with three built in LEDs, Kit with Tips & Solder.

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## Metcal MX-5211 - Rework Station, with 2x TipSaver™ Workstands, 120 V, US



A Soldering and Rework System for soldering applications including lead-free, high mass components or boards, thermally sensitive components requiring low operating temperature, high volume production soldering and touch-up soldering.

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## HCT2-200-11 Rework Station

This digital handheld convection tool is ideally suited for light rework applications, which use smaller components and integrated circuits.

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## Metcal MX-500 Soldering and Rework System



The MX-500 has been reimagined, adding features and a new look to a bench top icon. The system utilizes SmartHeat® Technology, wherein each cartridge is equipped with a self-regulating heater which 'senses' its own temperature.

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## GT120 - GT Series Soldering System



Metcal GT120 Adjustable Temperature Soldering System with Adjustable temperature ranges from 200 to 450 °C (392 to 842 °F). Wide variety of cartridge and tip options, Patented Chip-in-Cartridge technology

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## Kester Solder Wire, 60/40, 0.031" Diameter, 190°C, 1lb

No-clean cored Solder Wire for lead-free and leaded alloys.

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## Solder Wire, Lead Free 0.02" Diameter, 217°C, 8.818 oz

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## 426-LF Desoldering Braid



400-LF series Lead Free Super Wick are high quality, precision cleaned desoldering braids that were produced with up-to-date and environmentally friendly processes and technology

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## 951SX CAL Soldering Station

Complete Station with power supply, SR298 soldering iron, LT375 tip , iron-holding pod, tip tray and sponge.

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## Weller ZEROSMOGELKIT1-Fume Extractor, Zero Smog EL Series



With a high quality, long-life, brushless turbine, the Zero Smog® EL has a blower capacity of 220 m3/h and a high level of extraction power of 2,500 Pa, an ideal filtration solution for light duty volume extraction applications.

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## Ultimaker S5 Dual Extrusion 3D Printer



Discover the easy-to-use desktop 3D printer with a large build volume that delivers accurate, industrial-grade parts. simple setup with reliable dual extrusion, Ultimaker S5 is the complete professional 3D printing solution.

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## LULZBOT TAZ 3D PRINTER WORKHORSE EDITION



TAZ Workhorse edition boasts a 14% bigger build volume than the TAZ 6. Getting faster, better quality prints is easier than ever with a belt-driven Z-axis and a lightweight tool head design.

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Unmanaged switch enclosed in a compact IP30 metal housing and operates in temperature ranges from -40 to +167° F (-40 to +75° C).

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## KV62 2H KVM Switch

2 Port, Dual Monitor, HDMI, 4K, USB 3 Hub Audio KVM Switch

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## RTO6 Series 600MHz Oscilloscope

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## RTO6 Series 1GHz Oscilloscope

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## RTO6 Series 2GHz Oscilloscope

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Performance series features 15.6" touchscreen, state of the art user interface, deep large memory and zone trigger that supports time and frequency domain.



Performance series features 15.6" touchscreen, state of the art user interface, deep large memory and zone trigger that supports time and frequency domain.



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Performance series features 15.6" touchscreen, state of the art user interface, deep large memory and zone trigger that supports time and frequency domain.



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## EXR Series Scope Promotion



## EXR Series Scope Promotion



Purchase this performance series 8CH, 500MHz DSO Oscilloscope and receive a DSOX4034 DSO Scope a no additional charge.



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## MSO64B 1GHz, 4CH MSO Oscilloscope



## MSO64B 2.5GHz, 4CH MSO Oscilloscope



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Now expandable to 10GHz bandwidth with up to eight FlexChannels™, the new MSO6B series offers unparalleled performance and value.



Now expandable to 10GHz bandwidth with up to eight FlexChannels™, the new MSO6B series offers unparalleled performance and value.



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## MSO66B 1GHz, 6CH MSO Oscilloscope



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Now expandable to 10GHz bandwidth with up to eight FlexChannels™, the new MSO6B series offers unparalleled performance and value.



Now expandable to 10GHz bandwidth with up to eight FlexChannels™, the new MSO6B series offers unparalleled performance and value.



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Benchtop supply provides 0~84VDC output at 0~10A. Remote USB control.



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Benchtop supply provides 0~80VDC output at 0~45A. Remote Ethernet, Analog and USB control.



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1kV and 20A output, USB RS232, GPIB and LXI compliant LAN interfaces, LabView drivers included



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600W DC Load Module****BK PRECISION**

Dual channel module sinks up to 300W to either channel, 300W total. Rated to 80V, 45A



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400W DC Load Module****BK PRECISION**

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**MDL4U600 Single Channel  
600W DC Load Module****BK PRECISION**

Module sinks up to 600W, rated to 80V, 120A



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200W single channel supply features autoranging technology that provides the highest current available at all output voltages. It is fully SCPI programmable.



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Four isolated outputs provide 0~35V, 03A each. Shared power mode provides double power from a single output.



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**MX100QP 4CH 420W  
Programmable Power  
Supply****TTTech**

QP configuration provides all the features of the Q model, plus full remote control and read back using USB, RS-232, GPIB or LAN (compliant with LXI).



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**CPX400DP 2CH 840W  
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Mixed-mode regulation provides higher current at low voltage settings. Each channel provides variable 0~60VDC output with 0~20A current limiting (840W max).



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## FPC-COM1 3GHz Spectrum Analyzer

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More than just a test



Specially priced bundle includes 3GHz bandwidth plus the following factory installed options: FPC-B22 Preamplifier, FPC-K7 Modulation analysis, FPC-K43 Receiver mode, FPC-K55 Advanced measurements.

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## FPL1007-P6P06 7.5GHz Spectrum Analyzer

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Programmable power supply features four galvanically isolated channels providing up to 384W total output. USB and LAN interfaces large.

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Specially priced bundle includes RTB-B1 mixed signal option, RTB-B6 ARB generator - SPI, RS232 and CAN/LIN trigger and decode, RTB-K15 History & segment memory and RTB-K36 Bode Plot analysis options.

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## RTC1K-COM2 Two Channel 300MHz Oscilloscope

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## RTH-COM4US Four Channel 500MHz Portable Oscilloscope

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## RTM-54PKUS Four Channel 500MHz Oscilloscope

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## MP710086 US Linear, Programmable, DC Power Supply, Single Channel, 30V, 5A

multicomp<sup>PRO</sup>



150W power supply with a 3.7" TFT LCD display and single channel output of 0-30V / 5A. Supports RS232, USB, SCPI and 5 groups of storage data. High resolution (1mV/1mA), low ripple/noise and over voltage/current protection.

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## MP710087 US Linear, Programmable, DC Power Supply, 60V, 3A

multicomp<sup>PRO</sup>



180W power supply with a 3.7" TFT LCD display and single channel output of 0-60V / 3A. Supports RS232, USB, SCPI and 5 groups of storage data. High resolution (1mV/1mA), low ripple/noise and over voltage/current protection.

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## MP710078 US Linear, Programmable DC Power Supply, 3 Channel, 32V, 3.5A

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112W power supply, LED Display & three outputs: 1. variable 01-32V, 0-3.5A, 2. 5V / 3.3V selectable and 3. 12VDC. SCPI command syntax, USB. Overload, short circuit by constant current, output tracking over voltage & over temp. protections.

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## 72-13095 Portable Switch Mode Power Supply, 30V, 10A

TENMA



300W power supply with Tri-mode operation which includes large power supply output via banana jacks, battery-charge mode and USB power/charge modes; variable voltage up to 30VDC, with adjustable current limiting to 10A.

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## MP710258 US DC Electronic Load, Programmable, 120V, 30A

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150W single channel DC electronic load with battery test, automatic test, OPP test & OCP test functions, dynamic mode up to 10KHz, CV/DD/CR/CW working modes, short circuit & current monitoring functions, 100 sets of storage, USB, RS232, & LAN interfaces.

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## MP710259 US DC Electronic Load, Programmable, 120V, 30A

multicomp<sup>PRO</sup>



300W single channel DC electronic load with battery test, automatic test, OPP test & OCP test functions, dynamic mode up to 10KHz, CV/DD/CR/CW working modes, short circuit & current monitoring functions, 100 sets of storage, USB, RS232, & LAN interfaces.

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## MP760608 6000 Count AC/DC Digital Clamp Meter

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Measures both AC and DC current up to 600A, AC and DC voltages up to 600V, and includes resistance, capacitance, temperature and frequency measurements. Jaw opening is 28mm.

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## MP760607 4000 Count AC/DC Digital Clamp Meter

multicomp<sup>PRO</sup>



Measures both AC and DC current up to 400A, AC and DC voltages up to 600V, and includes resistance, capacitance, temperature and frequency measurements. Jaw opening is 28mm.

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## MP780050 1999 Count AC Digital Clamp Meter

multicomp<sup>PRO</sup>



Measures AC current from 200mA to 200A with a 3.5 digit LCD with white LED backlight

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## 72-3105 True RMS Insulation Meter with Full Function DMM

TENMA



Analog/Digital Megaohmmeter with insulation resistance from 0.01ohm to 20Gohm, up to 1kV and 6000 count display

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## MP00005 Loop Calibrator, 30V, 24mA

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## MP700151 5-in-1 Cutter, Crimper, Stripper

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Cuts and strips wire, crimps both insulated and non-insulated terminals, shears bolts. Narrow pliers nose for pulling and twisting wire, bending loops, working with small nuts, etc. Wire sizes 22 to 10 AWG (0.75 to 6mm). Threaded bolt shears clean.

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## MP700136 Heavy Duty Cutter, Crimper, Stripper

multicomp<sup>PRO</sup>



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## MP700395 Heavy Duty Electronics Cutter

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## MP700397 Micro Electronics Cutter

multicomp<sup>PRO</sup>



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## 3-Phase AC Film Capacitors

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These capacitors are for use on AC/DC power converters and inverters (drives) that are commonly used today in the field of power electronics. Example applications include traction drives, wind power converters and solar inverters.



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## Thick Film Power Mount Power Resistors

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## DC Link Film Capacitors

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## GW-85016 Halogen-Free Power Cord, 1 meter

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Low smoke zero halogen IEC cord, 10A, 125V, 1m, 3 conductor, 18AWG. This great value range ensures people and equipment safety is maintained when of crucial importance



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## GW-85018 Halogen-Free Power Cord, 3 meter

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## GW-85026 Halogen-Free Power Cord, 2 meter

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## GW-85027 Halogen-Free Power Cord, 3 meter

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## MC001532 High Power IEC Power Connector Jack

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IEC cable mount power receptacle rated 10A at 250VAC, 3 conductor. Housing is made of nylon #66



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## MP006844 High Power IEC Power Connector Jack

**multicomp<sup>PRO</sup>**

IEC panel mount power receptacle rated 10A at 250VAC, 3 conductor. Housing is made of thermoplastic 94V-2-0



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## BMC5AG Battery Modular Connector Contact

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A 50A Battery Modular Connector Contact made of copper with silver plated finish. It accepts 10AWG to 12AWG wire and is rated at 50A for 10AWG and 35A for 12AWG.



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## BMC5AG Battery Modular Connector Contact

**multicomp<sup>PRO</sup>**

A 15A Battery Modular Connector Contact made of copper with silver plated finish. It accepts 16AWG to 20AWG wire and is rated at 15A for 16AWG Wire.



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## BMC2S-BLACK BMC Connector Series Black Housing

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BMC Series Housing is a 2-way plug and socket Connector Housing for use with 50A modular power connectors. It is rated at 600V, 11.18mm Maximum wire insulation diameter, 50lbs Contact retention force, 15lbs Average connect/disconnect.



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## BMC2S-RED BMC Connector Series Red Housing

**multicomp<sup>PRO</sup>**

BMC Series Housing is a 2-way plug and socket Connector Housing for use with 50A modular power connectors. It is rated at 600V, 11.18mm Maximum wire insulation diameter, 50lbs Contact retention force, 15lbs Average connect/disconnect.



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### EZP-Q Series Metallized Polypropylene Film Capacitors

High Q chip inductors that provide design flexibility in many RF wireless applications.



Rated for 85/85 and tested for 1000 hours. Combined with Panasonic's Fuse Function technology, the EZP-Q Series is an excellent choice for extreme, long-term outdoor applications.

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## High Power Thin film resistor



1W for 1206 size, +/-0.5% tolerance and +/-25ppm TCR, Superb reliability and stability



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## 4 terminal Current sensing chip resistor



### High Quality Precision Multi-turn Hybrid Potentiometer

3m ohm, 1W for 1206 size, +/-1% tolerance, +/-35ppm TCR, Separated voltage terminal for precise measurement of voltage.



Contact ETI Systems for high reliability and precision hybrid element multi-turn potentiometers for your power needs. Additional turns options and custom designs available.



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## TT Electronics' Surface Mount Sense Resistors



### WFM High Power and Wide Resistance Range Current Sense Resistor

OAR & OAR-XP resistors give designers stable and accurate sensing of AC and DC currents in a compact SMD format, whilst elevating the hotspot off the PCB.



Automotive Grade Power Metal Plate™ featuring 2W and 3W power rating in 2010 and 2512 case sizes for resistance value range of 5 mΩ to 500 mΩ.



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## Automotive Grade AC Line Rated Safety Capacitor



### Type ALH, AC Filter Capacitors for Harsh Environments

AY2 Series is AEC-Q200 Qualified Ceramic Disc Capacitor for Class X1 / Y1 Applications in accordance with IEC-60384-14.4.



Designed for harsh environments, the ALH series of AC-rated filter capacitors offer 50% greater life than competitive 85/85 THB-rated film capacitors.



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## Type DSF D Supercapacitors- Power on Demand



### Antenna, Wi-Fi, Adhesive, Cable Assembly, MHF

Supercapacitors can be used for either main power, back-up power or pulse power, depending on the required discharge time and serve as a key technology for both environmental and cost reasons.



- Triple band 2.4 GHz, 5GHz and 6GHz
- Adhesive mount
- Mating connectors: MHF
- Cable Length 200 mm [7.874 in]"

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### Antenna, Wi-Fi, Adhesive, Cable Assembly, MHF4



- Triple band 2.4 GHz, 5GHz and 6GHz
- Adhesive mount
- Mating connectors: MHF
- Cable Length 200 mm [7.874 in]"

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### Type BLH, DC Link Capacitors for Harsh Environments

DC Link Capacitors for Harsh Environments. Type BLH exceeds industry larges for humidity testing, and is AEC-Q200 qualified.



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## Tight Tolerance Precision Current Sense Resistors



Tolerance down to 0.5% and TCR values down to 100ppm. Sizes range from 0201 up to 1206.

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## Metal Element Current Sense Chip



Precision alloy element provides low inductance, low tolerance, and ideal TCR values for current sense applications.

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## Chassis Mountable Power Resistor for Motor Control



Aluminum housed resistors are suited to withstand industrial applications that may include vibration, shock, and harsh environmental conditions.

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## Chassis Mountable Dual Stage, Single Phase Filter



This range of double stage filters give superior performance when used in applications with low impedance loads and continuous and intermittent interference noise.

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## Low-Cost, Low-Height Wavesolderable Heat Sink



9.5 x 13.2 x 19.1mm board level heat sink is made of aluminum with black anodized finish. Features vertical/horizontal mount orientation and is suitable for use with TO-220 devices.

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## WE-WPCC Charging Coils



Qi large compliant. Litzwire used - highest Q-value available on market

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## LST Series Metal Oxide Varistors



SPD Thermally Protected Varistor. The built-in thermal disconnecting function and electric arc shield provides additional protection to prevent catastrophic failure and fire hazard even under the extreme circumstances

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## Overcurrent & Overtemperature Protection for Mobile Applications



Littelfuse zeptoSMDC Series PPTC is developed for overcurrent and overtemperature protection in mobile applications. It works as a 'fail-safe' to protect battery management ICs and fuel gauges.

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## 407 Series SMD Time-Lag Fuse



Designed specifically to provide overcurrent protection to circuits that operate under high working ambient temperatures up to 150° C and high in-rush currents.

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## Internal Wifi Antenna



2400~2483.5MHz/4900~5825MHz., Dual band Frequency, Customizable cable length and type, Rigid PCB Type, RoHS compliant.

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## Wi-Fi 6/6E Triple Band Embedded Antenna



Supports triple bands, including the 6GHz band. TE's antenna solutions and integration expertise unleash the power of the extensive additional spectrum from Wi-Fi 6E. This additional spectrum enables new applications & greater network flexibility.

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## TCB Conductive Polymer - COTS-Plus



Conductive polymer series designed for use in demanding industrial applications requiring very low ESR with stable, high-frequency CAP retention & longer life performance, such as high power DC/DC converters in telecom, industrial & avionics.

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## R52 Miniature Class X2 Film Cap



The R52 Series is ideal for harsh environmental conditions and meets the demanding Automotive Electronics Council's AEC-Q200 qualification requirements.

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## SAW/FBAR Filters



TAIYO YUDEN SAW and FBAR RF filters allow for improved signal quality through lower insertion loss for decreased power consumption and high attenuation in 1.8 x 1.4mm footprint.

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## WE-WPCC Charging Coils



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## MAX17701/2/3 Charger Controller



High efficiency, high voltage charger controllers for SuperCap, Li-Ion, and Lead-acid batteries.



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## MAX16162 Supervisory IC



Industry's first single-channel, glitch-free supervisor IC with ultra-low current.



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## MAX77655: Industry's Smallest Quad-Output SIMO PMIC



Delivering a 70 percent reduction in solution size with 700 mA across four buck-boost channels with only one inductor required. Achieves 85% higher power density.



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## 3A Buck Charger with ModelGauge m5 Fuel Gauge and USB BC1.2 Detection



A fully integrated, single chip battery management solution for 1-Cell USB applications.



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## TMC2300: Setting the Standard for IoT & Portable Devices

The TMC2300 is the answer to battery-powered stepper motors that need to be invisible to the senses



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## MASTERGAN: High Power Density Half-Bridge High Voltage Driver



World's first solution to integrate Si driver and GaN power transistors in one package. Enabling chargers and adapters 80% smaller and 70% lighter, while charging 3 times faster compared to ordinary silicon-based solutions.

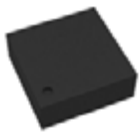


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## MP6540H: 50V, 5A, Three-Phase Power Stage with PWM and Enable Inputs



These devices integrate three half-bridges consisting of six N-channel power MOSFETs, pre-drivers, gate drive power supplies, and current-sense amplifiers.



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## MPM82504: 16V, Quad 25A, Scalable DC/DC Power Module with PMBus

The MPM82504 offers a complete power solution that achieves up to 25A per output channel. Ready to ship today!



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## RAA2230xx Universal Input AC/DC Switching Buck Regulator



700V buck regulator family delivers up to 8W from the AC line with high efficiency and no audible noise.



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## EiceDRIVER™ Isolated Gate Driver X3 Compact Family



Single channel isolated gate driver for use with 600 V/650 V/1200 V IGBTs, Si and SiC MOSFETs. Up to 14.0 A typical peak output current.



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## XC9276: Ultra Low IQ Buck DC/DC Converter with VSET



The XC9276 Series is a 150mA step-down synchronous rectification DC/DC converter which has an output voltage switchover function with an ultra-low power consumption circuit and a PFM control.



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## LinkSwitch-TNZ: Energy Efficient Off-line Switcher IC



Features best-in-class light load Efficiency and lossless AC zero-cross detection. Saves 60% of standby power in smart home products.



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## SCALE-iDriver Family of gate driver ICs



Optimized for driving IGBTs traditional MOSFETs and SiC MOSFETs. Reinforced galvanic isolation is delivered using Power Integrations' innovative solid insulator FluxLink™ technology.



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## BD9P Series: Optimized for ADAS Sensors, Cameras, and Radars

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## Primary Side Regulated Switching Mode Power Supply Controller

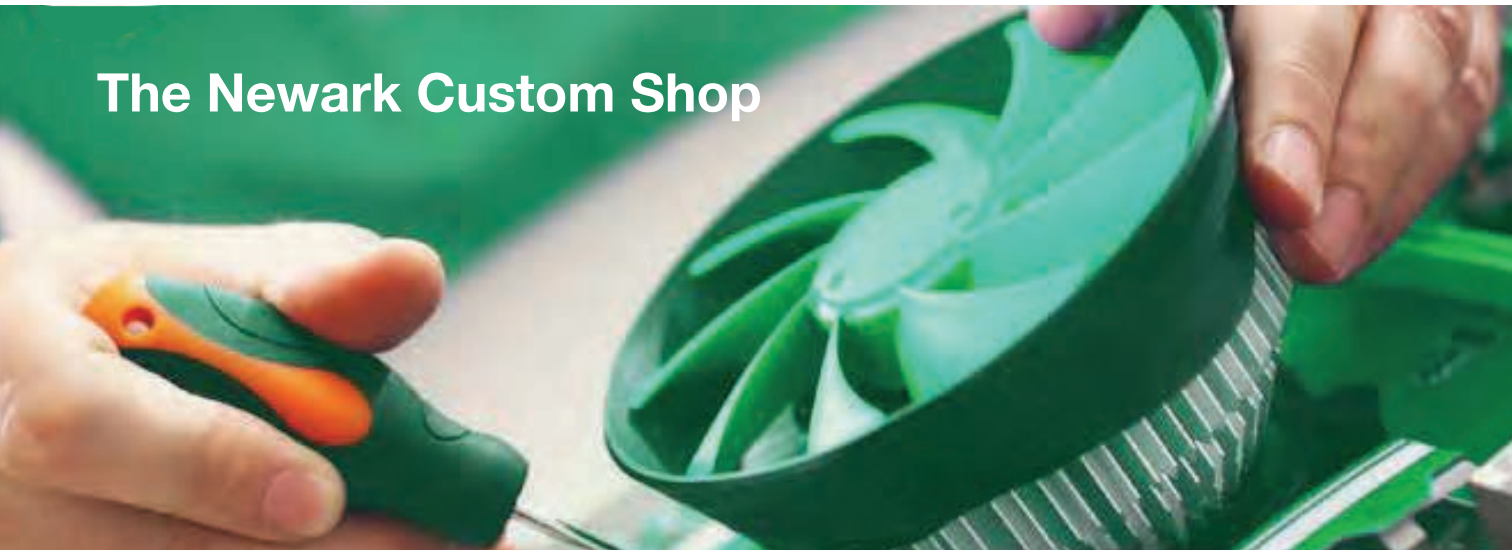


The AP3781 is a high-performance AC/DC power supply controller for battery charger and adapter applications. In stock and ready to ship today



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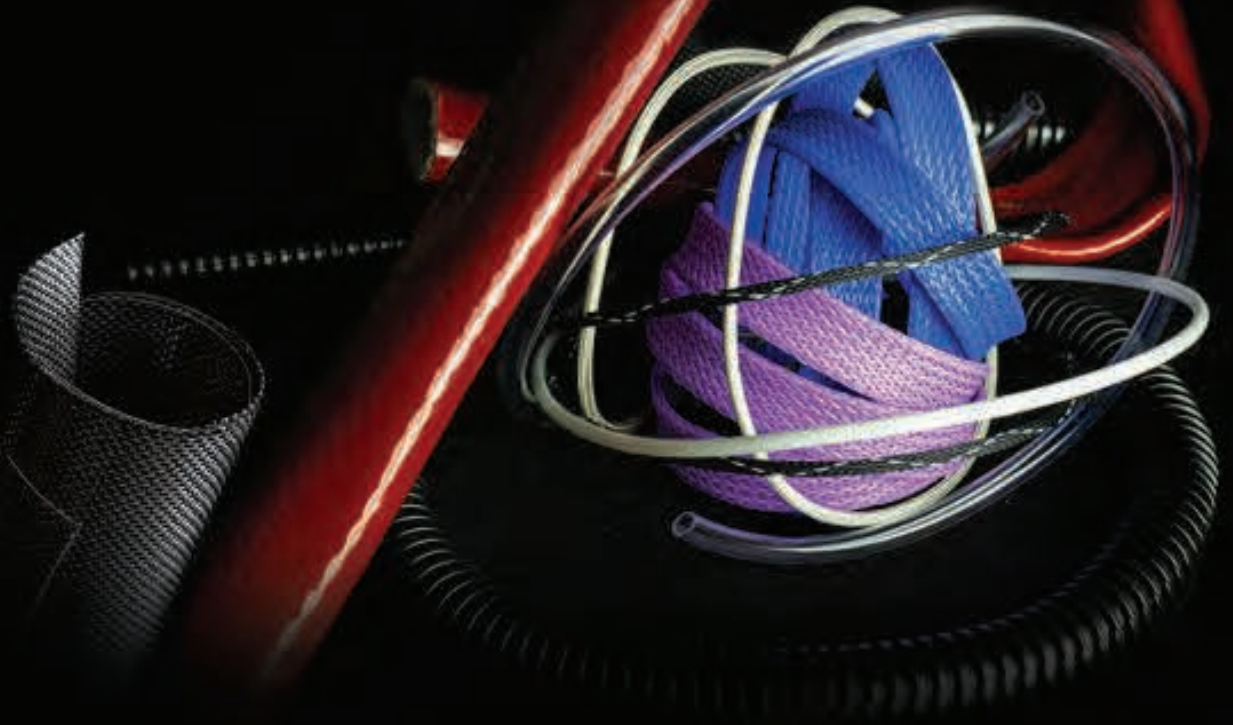


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