Newark®
AN AVNET COMPANY

Harsh Environment Solutions

Start Here

See the newest products and proven solutions for your most challenging applications

Find more online at newark.com

- Connectors
- Solid State Relays
- Thermal Sensors
- Cable Assemblies
- 3-D Printing
- Semiconductors
- Potentiometers
- Ceramic Capacitors
- Inductors
- Industrial Switches

newark.com

Table of Contents

RELAYS, PUSHBUTTONS, INDICATORS & MORE 5
FANS, CONTACTORS, POWER & SWITCHES 6
INDUSTRIAL CONTROLS, TIMERS & ENCLOSURES 7
SENSORS, POTENTIOMETERS & MORE 8
REED SWITCHES, FUSES, POWER & MORE.. 9
INTERCONNECT 10-13
WIRE MANAGEMENT... 14
TOOLS & PRODUCTION SUPPLIES 15-20
TEST EQUIPMENT 21-30
SOLDERING STATIONS & SUPPLIES.. 31
SOLDERING & ESD SUPPLIES.. 32
PASSIVE COMPONENTS.. 33
ANTENNAS, PASSIVES & SEMIS.. 34

Accounting for the Elements

Whether it's extreme heat, blistering winds, or toxic chemicals – electronics are more susceptible to damage when operating in harsh environments.

Engineers must account for environmental factors – choosing products with the proper qualifications and ratings to protect valuable equipment and personnel. Browse this small sample of Newark's broad portfolio of components, devices, and products tailor-made for harsh and challenging applications. See more at newark.com

How may we help you today?

Website
newark.com

Email
order@newark.com
quote@newark.com

Phone
1.800.463.9275
M-F 7:00 AM – 8:00 PM (EST)

Fax
1.888.551.4801

eProcurement Systems

We can link with any eProcurement system and our dedicated e-team will facilitate your implementation.
email: eproc@newark.com

Same-Day Shipping

newark.com/shipping
Domestic: Order M–F by 9:30 PM (EST)
Export: Order M–F by 6:00 PM (EST)
In-stock products normally ship the same day

No Minimum Order Fees

You Can Find Us at...

Printed with inks containing soy and/or vegetable oils

An Avnet Company © 2020 Premier Farnell Limited. All rights reserved. Newark is a trading name of Premier Farnell Limited. This information is of a general nature and is not intended to address the circumstances of any particular individual or entity. No one should act on such information without appropriate professional advice. Please see our website, newark.com, for updated information. The information and pricing contained on our website supersedes the information contained in any printed catalog or other publication. Printed in the U.S.A. WF-2109723

IP RATING OVERVIEW & NEMA RATINGS FOR ENCLOSURES

IP RATING OVERVIEW

IP (Ingress Protection) ratings consist of the letters IP followed by two digits and an optional letter. The first digit refers to the level of protection against hazardous parts and the ingress of solid foreign objects. The second digit refers to the level of protection against the ingress of water. This standard provides engineers with more detailed information regarding the protection status of a product than vague terms like waterproof. Below is a brief table outlining some of the common IP ratings that you'll see across our web site. We do offer products with ratings not listed below.

IP Rating	Water Protection	Dust Protection
IP65	Water at 12.5 liters per minute through 6.3mm nozzle from any direction	Total dust ingress protection
IP66	Water at 100 liters per minute through 12.5mm nozzle from any direction	Total dust ingress protection
IP67	Submersion into water up to 1 meter deep for amount of time specified by manufacturer	Total dust ingress protection
IP68	Permanent submersion beyond 1 meter into water of depth stated by manufacturer	Total dust ingress protection
IP69K	Water at 80-100MPa (megapascal) and 14-16 liters per minute from four angles while the device is rotated at 5RPM	

NEMA RATINGS FOR ENCLOSURES

Indoor Nonhazardous Locations

The National Electrical Manufacturers Association (NEMA) provides a popular standard for protective enclosures. These conditions include ingress of water and foreign objects (e.g. dust or fibers), but go beyond IP code, accounting for corrosive agents and various gases and atmospheres. The table provides a brief description of each level of protection, which NEMA specifies with a NEMA Enclosure Type Number.

Provides a Degree of Protection Against the Following Environmental Conditions	Enclosure NEMA Type									
	1	2	4	4X	5	6	6P	12	12K	13
Access to hazardous parts	x	x	x	x	x	x	x	x	x	x
Ingress of solid foreign objects (Falling dirt)	x	x	x	x	x	x	x	x	x	x
Ingress of water (Dripping and light splashing)		x	x	x	x	x	x	x	x	x
Ingress of solid foreign objects (Circulating dust, lint, fibers, and flyings **)			x	x		x	x	x	x	x
Ingress of solid foreign objects (Settling airborne dust, lint, fibers, and flyings **)			x	x	x	x	x	x	x	x
Ingress of water (Hosedown and splashing water)			x	x		x	x			
Oil or coolant seepage								x	x	x
Oil or coolant spraying and splashing										x
Corrosive agents				x			x			
Ingress of water (Occasional temporary submersion)						x	x			
Ingress of water (Occasional prolonged submersion) protective enclosures.							x			

Outdoor Non-hazardous Locations

Provides a Degree of Protection Against the Following Environmental Conditions	Enclosure NEMA Type									
	3	3X	3R	3RX	3S	3SX	4	4X	6	6P
Access to hazardous parts	x	x	x	x	x	x	x	x	x	x
Ingress of water (Rain, snow, and sleet **)	x	x	x	x	x	x	x	x	x	x
Sleet		x	x	x	x	x	x	x	x	x
Ingress of solid foreign objects (Windblown dust, lint, fibers, and flyings)			x	x		x	x	x	x	x
Ingress of water (Hosedown)			x	x	x	x	x	x	x	x
Corrosive agents			x	x		x	x			
Ingress of water (Occasional temporary submersion)								x	x	x
Ingress of water (Occasional prolonged submersion)										x

OMRON | Your trusted partner in automation

Omron's ruggedized water-, dust- and oil-resistant industrial automation components maximize uptime and guarantee continued productivity and safety.

E3AS
Photoelectric sensor

Distance-settable time of flight (TOF) and background suppression (BGS) photoelectric sensors with exceptionally long sensing range of 50 to 1,500 mm, stable detection for various targets and compact body.

Search 51AH5431 at newark.com

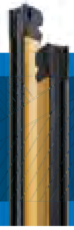
- Reliably detect targets, including those with variable features.
- Allow users to choose between long-range and short-range sensors to fit their sensing needs.
- IO-Link helps with sensor configuration and enables IIoT applications. The E3AS-F family's distance output can be monitored via IO-Link.
- Reduce the frequency of shutdowns. The E3AS sensors are ruggedized for harsh environments thanks to their IP69K washdown resistance, IP67G oil resistance, and Ecolab certification for detergent resistance.
- Improve setup times. The sensors' user-friendly design, single each button, and IO-Link configurability make setup easy.

E2E NEXT
Proximity sensor

The E2E NEXT DC 3-wire weld splatter resistant series of proximity sensors offer latest generation sensing distances that significantly reduce target contact, solve size limited applications with smaller form factor sensors, have oil resistance, and provide real-time condition monitoring with IO-Link in welding applications.

Search 28AH9021 at newark.com

- With high-brightness LED, indicator is visible 360° around.
- Only 10 seconds to replace a sensor with the Quick fix (Mounting Sleeve).
- Cables with enhanced oil resistance have 2-year oil resistance
- IP69K compliant for water resistance and wash resistance
- UL certification (UL60947-5-2) and CSA certification (CSA C22.2 UL60947-5-2-14)
- All PNP models come standard with IO-Link

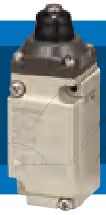


F3SG-SR Series
Safety light curtain

The Omron's new F3SG-SR series safety light curtain has a standardized yet flexible design that allows manufacturers to comply with safety standards and make the most of their flexible production lines while ensuring full protection for equipment operators. Water-proof and resistant to cutting oil.

Search 40AH0354 at newark.com

- Conforms to major international standards
- Environmental resistance and rugged structure for use in
- From finger protection to body protection
- Flexible height model for easy integration into machines and lines
- For diverse applications, from simple protection to data utilization
- IP67, IP67G rated



D4A-N
Limit switch

The limit switch with better seal, shock resistance, and strength. D4A-N provides excellent durability with a wide operating temperature of -40°C/F- 100°C/212°F (standard type).

Search 99F8608 at newark.com

- A double seal on the head, a complete gasket cover, and other features ensure a better seal (meets UL NEMA 3, 4, 4X, 6P, 12, 13).
- Wide standard operating temperature range: 40C to +100C (standard type).
- Models with fluoro-rubber available for greater resistance to chemicals.
- Block mounting method also reduces downtime for maintenance.
- DPDT, double-break models available for complex operations.
- Approved by UL, CSA, and CCC (Chinese standard).
- IP67 rated

Visit Newark online: http://www.newark.com/omron-industrial-automation • email: order@newark.com • 1.800.463.9275

Sensing | Control | Safety | Vision | Motion | Robotics

RELAYS, PUSHBUTTONS, INDICATORS & MORE

Syr-Line Universal Digital Timer

LED screen, multifunction, precise time configuration, optional features: password setting and time limit setting. Programmable without its power supply, wide time range

Search

51AH7696 at **newark.com**

Contactor, 200 A, With Flange, 12 VDC, SPST-NO, 1 Pole

The 586-902 is a 1-pole Contactor with standard bracket, 200A contact current rating, 12VDC coil voltage and flange mount. SPST-NO contact configuration, 21Ω Coil resistance at 25°C temperature

Search

35M1913 at **newark.com**

FL1F Smart Relay

DEC SmartRelay meets your demands from all small-scale applications by offering more powerful hardware, a new display and full communication options via Ethernet

Search

72Y0249 at **newark.com**

Series 45 IP69K Rated Pushbutton

Series 45 pushbuttons combine rugged construction with an attractive design. Featuring IP69K protection, penetration by dust and liquids is prevented, even under the most adverse conditions

Search

98Y4476 at **newark.com**

Series 82 Pushbuttons – New Stainless Steel SUS 316L Version

EAO's new stainless steel version of its ever-popular Series 82 features high-quality stainless steel SUS 316L to reliably protect against corrosion and alkaline cleaning agents

Search

41AH6843 at **newark.com**

PB300 Series Pushbutton Provides Long Travel for Double Action

Momentary function, PCB mount, long travel - 2.0mm, SPST or SPD. Key feature - SPDT double action; mid-travel for actuation at 600 gf; continue pressing for actuation at 1150 gf

Search

49Y5667 at **newark.com**

Square Pushbutton Provides Threaded Mount and IP67 rating.

Square pushbutton with nylon housing, threaded panel mount, IP67 rating for dust and moisture protection, long-life expectancy, 100,000 operating life cycles, 630gf +/- 130 grams

Search

47AC2909 at **newark.com**

Explosive Atmosphere Pushbutton – Green with Boot

XB4BP31GEX – Round industrial pushbutton switch, Harmony XB4 Series, 22.5 mm, SPST-NO, momentary

Search

07AH1242 at **newark.com**

SSA-EB Series Lighted Emergency Stop Push Buttons

Rugged design; easy installation with no assembly or individual wiring required

· Push-to-stop, twist-to-release, or pull-to-release operation per IEC60947-5-5

Search

79AC9712 at **newark.com**

WLS27 LED Strip Light for Harsh Environments

Fully encased in a shatterproof, chemically resistant copolyester housing with a cascading option. Rated IP66, IP67, and IP69K for washdown applications. Color options combine illumination and indication

Search

76AC1136 at **newark.com**

F3SG-SR Series Safety Light Curtain

The New F3SG-SR Series Safety Light Curtain has a standardized yet flexible design that allows manufacturers to comply with safety standards and make the most of their flexible production lines

Search

40AH0367 at **newark.com**

671 Series Panel Mount Indicator

Green sealed 1" LED Panel Indicator with black anodized aluminium housing and raised diffused lens. Sealed to IP67, vibration and vandal-resistant, and suitable for harsh environments

Search

93Y2261 at **newark.com**

Linear Solenoid, Push or Pull

This solenoid provides a long-life and rugged design with linear actuation. It is ideal for high force and short-stroke applications

Search

20M1701 at **newark.com**

STA Tubular Solenoid

The STA Series provides high resistance to shock and vibration to withstand extreme ambient conditions and is also available in magnetic latching versions

Search

40AH1364 at **newark.com**

Low Profile Linear Solenoid

Conical-faced deigns extend the useful range of solenoid to provide higher forces for strokes typically over 0.06-inch. Provides long-life and rugged design. Is ideal for high force and short-stroke applications

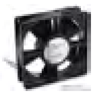
Search

20M1767 at **newark.com**

FANS, CONTACTORS, REED SWITCHES & SWITCHES

IP68 Rated 4300U Series DC Axial Fan

ebmpapst



60x25 mm compact fan, fully encapsulated against water and dust, motor protection against reverse polarity/locking, air exhaust over struts

Search

67H5088 at **newark.com**

IP68 Rated 3300NU Series DC Axial Fan

ebmpapst

92x38 mm compact fan, fully encapsulated against water and dust, motor protection against reverse polarity/locking, air exhaust over struts

Search

41Y1541 at **newark.com**

IP69K Axial Fan - ONLY available from NMB!

NMB

Highest IP Protection available with auto restart/polarity protection and -10°C ~ +70°C allowable operating ambient temperature range

Search

99Y7375 at **newark.com**

124-902 – Contactor, 100 A, With Flange, 12 VDC, SPST-NO, 1 Pole

White-Rodgers

1-pole heavy duty DC Power Contactor, SPST-NO contact configuration, silver alloy contact. 100A continuous and 400A inrush current. 4 isolated terminals. #10-32 UNF-2A thread coil terminals.

Search

35M0121 at **newark.com**

XTSE Safety Contactors Help Protect people and Equipment

EATON

Eaton's XTSE Safety Contactors are SIL, SUVA, UL, CSA, and CE certified with IEC 60947 Safety Standards. Contactors available from 7 to 150 amps

Search

60AC6740 at **newark.com**

XTSE Safety Contactors Help Protect people and Equipment

EATON

XTSE Safety Contactors are SIL, SUVA, UL, CSA, and CE certified with IEC 60947 Safety Standards. Contactors available from 7 to 150 amps

Search

60AC6761 at **newark.com**

DC1 Drives – Energy Savings Motor Control with AC Drives

EATON

DC1 AC Drives provide significant energy and cost savings. The DC1 drives provide speed control and significantly reduce electrical costs. They are available in both Single and Three phase applications

Search

78AC3525 at **newark.com**

FLEX-14 Series 14mm Reed Switch

Littelfuse

A sub-miniature, normally open switch with a 14.00mm long x 2.28mm diameter (0.551" x 0.090") glass envelope and longer than standard, flexible, easily formed leads, capable of switching 200Vdc at 10W

Search

72R4593 at **newark.com**

59170 Series Sub-Miniature Overmolded Reed Switch

Littelfuse

Capable of switching up to 200Vdc at 10W. Well suited for position and limit sensing, security, and door/window alarm systems

Search

89K7545 at **newark.com**

MDSM-10 Series 10.2mm Surface Mount Reed Switch

Littelfuse

Capable of switching 200Vdc at 10W. Ideally suited for reed relay applications, security, metering and limit sensing applications

Search

38X7498 at **newark.com**

Single Pole Double Momentary Sealed Toggle Switch

SAFRAN

Safran sealed toggle switch products are sealed to IP68 and are suited for a wide range of commercial, industrial and military markets

Search

50F1565 at **newark.com**

HS1T Interlock Switches with Solenoid

IDEC

Ideal for use on large doors and large equipment requiring strong locking force. Smallest in the industry with 5000N locking force. Rear unlock mechanical indicator allows the lock status to be identified easily

Search

28AH8534 at **newark.com**

APEM KH Series Sealed Rocker Switches

APEM an IDEC company

Designed for harsh environments, the KH series rocker switches are protected against accidental actuation with a protection guard and sealed to IP69K

Search

67AC6376 at **newark.com**

RGB LED Indicators

APEM an IDEC company

APEM Q series LED Indicators available in new customizable RGB colors and available in 10mm, 14mm, 16mm, 19mm & 22mm bezels

Search

39AH8630 at **newark.com**

Proportional Hall Effect 2-axis Miniature Thumbstick with LEDs

APEM an IDEC company

APEM's TS series thumbsticks feature non-contacting Hall effects, 2-axis miniature controller with multiple actuator & linear output options. Above panel sealing up to IP69K

Search

61AC4027 at **newark.com**

INDUSTRIAL CONTROLS, TIMERS & ENCLOSURES

4FE+2G SFP Managed Ethernet Switch

EKI-7706E-2F supports 4 Fast Ethernet ports, 2 SFP ports, and it is embedded with Advantech's IXM function, which benefits users with fast deployment and can dramatically save engineers time and costs

Search

57AC6297 at **newark.com**

15-ch Digital I/O Module

The ADAM-4051 features seven digital input channels and eight digital output channels. The outputs are open-collector transistor switches that you can control from the host computer

Search

47M1645 at **newark.com**

Basic Line Unmanaged Industrial Ethernet Switch

Unmanaged Plug & Play switches in a robust IP 30 protected aluminium housing. The equipment can be delivered with Fast Ethernet and Gigabit Ethernet ports – an economical solution for industrial Ethernet

Search

44T5720 at **newark.com**

MICRO SWITCH™ Heavy-Duty Limit Switches HDLS Series

NEMA/IP sealing features twin shaft seals for an extra measure of protection. Ideal for applications with demanding indoor and/or outdoor environments, where they may be subjected to shock or vibration

Search

23F4784 at **newark.com**

Severe Duty Limit Switch

Severe duty mill limit switch with rotary head, SPDT-DB snap action contacts, 20 amp rated for applications requiring extra heavy duty contact ratings, or higher operating and reset forces

Search

17B1689 at **newark.com**

MD Enclosed Motor Disconnect Switch

3 P, 30 A, Motor Disconnect Switch with NEMA 4X Enclosure serves as a local on/off switch for a motor when the motor branch circuit protection is in a central enclosure

Search

52T4374 at **newark.com**

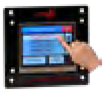
4980 Programmable Repeat Cycle ON - OFF Timer

The model 4980 is a microcontroller based ON - OFF timer with digital display of timing. It controls a set of high current output contacts in accordance with a pre-programmed ON-OFF schedule

Search

88K1414 at **newark.com**

2600A DIP Switch Adjustable ON - OFF Cycling Timer

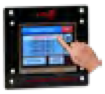


The 2600SA is an ON/OFF timer controlling a set of DPDT relay contacts. The timer is available in both AC and DC voltages, and all models contain two 12 position DIP switches for setting the time delays

Search

88K2126 at **newark.com**

438U Series Universal Time Capsule® Delay-On-Make Timer



From the creator of the Original Universal Time Capsule®. Fully encapsulated US manufactured delay-on-make timer. Over 1M Units sold for Harsh Environments. 10A switching capability, C-UL-US

Search

88K2159 at **newark.com**

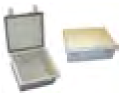
HyShed IP69K Enclosure

Engineered specially to withstand sanitary washdown cleaning procedures. Features 15-degree sloped top which facilitates runoff of water and a FDA-grade silicone gasket helps resist bacteria growth

Search

84AC6178 at **newark.com**

NBF Series NEMA 4x/IP66 Boxes

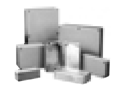


All plastic hinged lid polycarbonate or ABS boxes with clear or opaque covers. Choice of indoor or outdoor version, quick mods are available

Search

73R7991 at **newark.com**

Modern-Style IP68 Polycarbonate Enclosure



Strong die-cast box tested to exceed IP68 requirement so use in wet, underwater or dry environments. Available in natural or black finish

Search

72Y0535 at **newark.com**

AN-A Die Cast Aluminum NEMA 4x/IP68 Box

Hammond's 1557 Series offer IP68 protection and versatility. They can be used on a tabletop or two different wall-mount configurations

Search

39AH9611 at **newark.com**

IP68 / NEMA 4X & 6P Enclosures

Hammond's 1554 Series enclosures are ideally suited for mount PC boards in harsh environments including submersion

Search

98H1103 at **newark.com**

UL Type 4X Stainless Steel Enclosure

Eclipse Junior provides protection for equipment in very wet environments, or in specific applications where corrosion may be a problem

Search

89W2206 at **newark.com**

SENSORS, POTENTIOMETERS & MORE

Q4X Laser Distance Sensor

FDA-grade stainless steel housing rated to IP69K for harsh environments. Superior performance to detect sub-millimeter changes in distance. Reliable detection across a variety of colors, materials, and surfaces"

Search

39Y8666 at **newark.com**

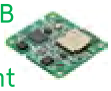
INIR Refrigeration Sensor

Designed with the latest technology, using a microcontroller with an ARM7 core and via software design the necessary techniques have been implemented to increase the reliability of the device

Search

42AH1235 at **newark.com**

2JCIE-BL01-P1 PCB Bluetooth Environment Sensor

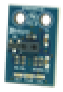


2JCIE series comes in a PCB-type package capable of sensing temperature, humidity, light, barometric pressure, and sound noise, while also calculating a UV index, discomfort index, and heat stroke risk level

Search

72AC8842 at **newark.com**

Reflective Object Sensor



The OPB9001 PCB module takes the versatile and programmable OPB9000 reflective sensor and enhances its capabilities by integrating multiple features into a robust, small form factor for ease of use

Search

38AH5861 at **newark.com**

High Performance Fiber Optic Transmitters

The OPF350A/OPF352A fiber optic transmitters are high performance devices packaged for data communication links. Specifically designed to efficiently launch optical power into fibers

Search

99AC0442 at **newark.com**

IP69K Rated Inductive Proximity Sensor

ICS Series Inductive Proximity Sensor, rated IP69K, M12 in diameter, 2mm sensing range, PNP NO output, 10-36VDC supply, M12 plug connection

Search

91Y1179 at **newark.com**

IP69K Rated Capacitive Proximity Sensor

CA Series feature TRIPLESHIELD PROTECTION, rated IP69K, M30 in diameter, 4-25mm adjustable sensing range, PNP NO+NC output, 10-40VDC supply voltage, 2M PVC cable connection

Search

99Y7880 at **newark.com**

PX633A High Accuracy Submersible Pressure Sensor

PX633 Submersible Level Transmitter is designed for dealing with the most demanding level measurement conditions. The sensor adopts advanced microprocessor assures high precision measurements

Search

32AH7878 at **newark.com**

E3AS time of flight (TOF) Photoelectric Sensor

Distance-settable Time of flight E3AS Series photoelectric sensors with exceptionally long sensing range of 50 to 1,500 mm, stable detection for various targets and compact body

Search

51AH5431 at **newark.com**

PT100 RTD Sensor with M12 Connector

The PR-21 PT100 Class A RTD sensors feature 316L SS construction for vibration, strength and corrosion resistance. Available in a variety of mounting treads, probe diameters and lengths.

Search

31AC5642 at **newark.com**

Rangeable Pressure Transmitter with Display

Industrial Pressure Transmitters feature IP67 rugged enclosure for industrial environments and LCD module to easily re-scale output signals. Offered in gauge & absolute ranges.

Search

28AH0533 at **newark.com**

High Accuracy Submersible Pressure Transmitter

Submersible Level Transmitter with 4-20 mA output for harsh industrial environments features error compensation assuring 0.1% accuracy. Availabe in ranges up to 300 psi.

Search

32AH7876 at **newark.com**

Series RG Two Point Pull Handles

Two-Point or Pull Handle and pocket handle varieties available in phenolic, thermoplastic and thermoplastic overmold materials. Female insert, tapped thread, pocket & plain molded hole options available

Search

12AC6577 at **newark.com**

16mm Rotary Potentiometer

TT Electronics' P160 Series of RoHS compliant rotary potentiometers feature metal shaft/bushing. The series has a 100,000 cycle life and multi-ganged version is available.

Search

63M1595 at **newark.com**

Cermet Trimming Potentiometers

Model 67 series of cermet trimming potentiometers are highly reliable and have a long life. These multiturn, 3/8" square trimmers are sealed to be compatible with the aqueous PCB cleaning process

Search

15M3800 at **newark.com**

REED SWITCHES, FUSES, POWER & MORE

Industrial DIN Rail Power Supplies TIB-EX Series

TRACO POWER

Next generation of 80 / 120 / 240 / 480 watt platforms with 90~95% efficiencies feature -40°C to +60°C full load operating temperature and UL508 / ATEX / UL Hazloc certifications

Search
23AH4389 at **newark.com**

3000-4080W 3-Phase Input, 24V & 48Vdc Output Power Supplies

TDK·Lambda

Suitable for 400/440/480Vac Delta or WYE input, the TPS series is fully featured with voltage and current programming, PMBus communication, current share and warning signals

Search
98Y1786 at **newark.com**

50 to 1500W Long Life, Cost Effective Power Supplies

TDK·Lambda

The RWS-B series of industrial power supplies have a seven year warranty and extended field life due to conservative electrolytic capacitor temperatures

Search
41X4242 at **newark.com**

Ultra-compact EMC/RFI Filter for Three-phase Systems & Drives

SCHAFFNER

Most compact and slim filter design in its class, exceptional attenuation performance. from 150khz tp 30mhz

Search
24W5219 at **newark.com**

Multi-stage EMI Filter With Excellent Attenuation

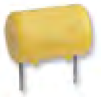
SCHAFFNER

Two stage filter, current rating 1 to 20 A, optional medical versions (B type)

Search
06M3260 at **newark.com**

259 Series Hazardous Area Safe-T-Plus Fuse

Littelfuse



The safe-T-Plus 259 Series offers a range of encapsulated fused designed to enable greater safety for operating electronic equipment within potentially explosive environments

Search
98K4422 at **newark.com**

Compact, High Performance SMD Fuse

SCHURTER

SCHURTER's time-lag fuse, UMT-H is UL approved upto 6.3 A at 277 VAC and up to 30 A at 250 VAC. VDE approval up to 16 A @ 250 VAC

Search
84Y6808 at **newark.com**

DTE06/10 Series 6W, 10W Encapsulated DC/DC Power Supplies

XP Power

The DTE06/10 series comes in chassis or din rail option, single or dual outputs 5.1V to 48VDC and a wide input 4:1 12V, 24V, 48VDC

Search
28AH0886 at **newark.com**

DSR240 Series - 240W Ultra Slim 45MM DIN Rail Power Supply

XP Power

The DSR240 has 150% peak load for 3 sec, full load at 60C, comes in 24V and 48VDC out and has an operating ambient temp of -25C to +70C

Search
65AC5748 at **newark.com**

SCP-X IP67 Extreme Environment Power Supply

EMERSON
SOLAHD

Delivering reliable distributed and remote field power to machine controls. Versatile mounting, quick change connectors. Class 2 listed

Search
83X9949 at **newark.com**

SDU-A DIN Rail AC UPS

EMERSON
SOLAHD

Provides protection from impulses and power interruptions with communications, wide temp range, cold start capability

Search
11AC9462 at **newark.com**

SDN-C Compact DIN Rail Power Supply

EMERSON
SOLAHD

High Efficiency, diagnostic LED's, PFC, Sag Immunity, universal input offers highest performance. In stock and ready to ship today

Search
40M7848 at **newark.com**

UniStar SB Series UPS

STACO ENERGY

Perfect for protecting business critical servers, voice and data networks, and point of sale

Search
13AC7452 at **newark.com**

10C Series POWERSTAT® Variable Transformer

Superior Electric

Rated at 2.25A for constant current loads and 3.0A for constant impedance loads

Search
32M1435 at **newark.com**

Crouzet Power Supply, Smaller Size, Better Performance

CROUZET

Suited for use with all Crouzet 24V DC products, range from 10-100W, wide voltage input ranges (84 to 264V AC), energy efficiency increased up to 90%, low no-load power consumption

Search
23AH8664 at **newark.com**

INTERCONNECT

UPT Connector Series

Based on the 26482 Series I, UPT is a plastic shell interconnect with a metal bayonet coupling system and crimp contacts

Search

99Y7644 at **newark.com**

Micro-Bayonet Connector Series

Micro-B meets the requirements of today's electrical equipment for a connector with a small footprint, light in weight, high density insert patterns, and high reliability

Search

52AC2549 at **newark.com**

Locking Power Cords for Standard AC Inlets

The locking feature is designed to prevent accidental disconnection of any equipment, like medical apparatus, servers,computers. Available also with any International plug

Search

99AC3043 at **newark.com**

FCT Standard-Density Waterproof D-Sub Female Connector

Waterproof FCT D-Sub female connector provides IP67 protection in harsh environments. Machined contacts supply increased current-carrying capacity over stamped contacts. Delivers a 5.0A current rating

Search

33AC8259 at **newark.com**

Squba 1.80mm Pitch, Sealed Wire-to-Wire Receptacle Housing

Squba receptacle housings offer an IP67-seal rating and carry up to 6.0A. With protected seals, the system delivers reliable power in a wide range of space-constrained applications

Search

55AC8186 at **newark.com**

Sealed Industrial USB 3.0 Type A Receptacle and Plug Cordset

Improve performance and reliability in harsh-duty applications with Molex IP67 sealed Industrial USB 3.0 Type A Receptacle to USB Type A dual-ended, 0.8m length with other lengths available

Search

83X6172 at **newark.com**

mPOWER™ 2.00 mm Pitch Ultra Micro Power System

Design flexibility as a two-piece system for power/signal applications. Up to 21 A per power blade. 2 – 5 power blades on a 2.00 mm pitch. 5 mm to 16 mm stack heights

Search

95AC5512 at **newark.com**

Dura-Con™ Hermetic Connectors

Standard connectors with high performance hermetic seals

Search

46AC0123 at **newark.com**

Rugged, High Quality Power Cords

A wide array of domestic and international power cords in stock and ready to ship today

Search

81K8077 at **newark.com**

RJ45 Connectors

A wide range of RJ45 Connectors within multiple Platforms – 1x1, 1xN, 2xN,Side entry, top entry, offset and low profile

Search

60AC3107 at **newark.com**

CTC Series Environmentally Sealed Cable-to-cable Interconnects

High performance, cost effective cable-to cable solution for use in harsh environment applications

Search

48AC9072 at **newark.com**

Universal Range – PUSH IN Wire Connection (A-Series)

Reduces connection times for solid wires and wires with crimped on wire-end ferrules

Search

47AC3958 at **newark.com**

Sealed Connections with New Aquanex® Waterproof Micro USB

As part of an exciting new product line from GCT, the aquanex® waterproof range brings together high performance USB connectors with excellent IP rated sealing

Search

21AH2936 at **newark.com**

3M™ IDC Ribbon Cable Socket

891 Series IDC Ribbon Cable Socket for .100″ × .100″ for .050″ Pitch Cable

Search

92F1490 at **newark.com**

USB 2.0 Combination MagJack® Integrated Connector Modules (ICM's)

An all in one solution, combining a RJ45 Ethernet port with a USB-A 2.0 connectors. This combination allows customers to stack or group one or two USB connectors into one robust, small form factor size

Search

81AC4236 at **newark.com**

INTERCONNECT

Eaton's XB Series - DIN Rail Mount Terminal Blocks

Compact design terminal block with single feed screw connections. Many colors available including accessories for labeling, bridges, ground blocks

Search

47T6251 at **newark.com**

Waterproof USB Type-C Connectors

Ideal for use in harsh environment applications where moisture is present

Search

58AC0291 at **newark.com**

Mil Spec Connector Tools and Accessories

Connector assembly and maintenance tooling for military, aerospace, medical and telecommunication Industries

Search

94Y5377 at **newark.com**

Cost Effective Power & Signal Distribution System

IP67 rated yellow cordsets are a cost effective power a& signal distribution system compatable with other industry standard mating connectors

Search

47AC7636 at **newark.com**

Indoor / Outdoor Plastic or Metal Connectors rated up to IP69

The ecomate® Family of circular, multiway connectors provide an IP65-69k rating range (in mated condition) for indoor/outdoor industrial applications and feature robust, durable plastic or metal designs

Search

73AC8458 at **newark.com**

Integrated Connector, Circuit Breaker and EMC Filter with IP67 Protection

SCHURTER's versatile DG12 series is IEC rated up to 10A/250 VAC. UL/CSA rated up to 15A/125/250 VAC UL/CSA. The EMC filter is rated 1A up to 10A with standard/high inductance

Search

95AC5478 at **newark.com**

IP67 Industrial Ethernet M12 X-code to RJ45 panel feed-through adapter

METZ CONNECT's M12X/RJ45 feed-through adapters provide high performance, 10 GBit Ethernet cabling and 10 GBit device connection in communication cabling and automation and control equipment

Search

37AC4285 at **newark.com**

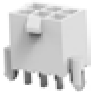
Series 500 ZD Connectors

0.098" (2.5mm) Pitch for 6.25 Gbps/pair. See additional details at newark.com

Search

78AC5793 at **newark.com**

New High Current 13A VAL-U-LOK Connectors



Offer a higher 13A maximum current rating on 4.2mm centerline spacing

Search

23AH8940 at **newark.com**

M Series Circular Connectors

Push-in, IDC, Crimp Type Field Installable. In stock and ready to ship today

Search

21AH2930 at **newark.com**

Triton Grounding Jumper Solutions

UL-certified off-the-shelf Triton Grounding Jumpers enable the safe management of high-power applications and customized versions offer variable lengths and terminations

Search

52AH3559 at **newark.com**

Medium Power Distribution Blocks, 2 & 3 poles

BlockMaster's new HP Series (300V / 50A) Terminal Blocks, available in 2 or 3 poles. Good for transition larger gauge #2-14 to internally distribute #10-14-gauge secondary circuitry (thru .250" Q.C.)

Search

51AH5782 at **newark.com**

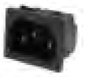
VULCON® M12 Pigtail Connectors

M12 pigtail connector configurations 4 pin, 5 pin, & 8 pin. IP67 Rating

Search

17AH5161 at **newark.com**

AC Receptacle 701W-X2/04



This IEC 60320 C14 receptacle is equipped with snap-in mounting tabs and 0.250" quick disconnect terminals, allowing for very fast installation on the production line

Search

17B6789 at **newark.com**

BKZ Series Locking Power Jacks & Plugs

The new BKZ series from Switchcraft solves one of the largest issues with typical DC power jacks: accidental disconnect

Search

99AC7763 at **newark.com**

INTERCONNECT

Nano-Fit Off-the-Shelf (OTS) Overmolded Cable Assemblies

Nano-Fit Double-Ended, Overmolded Cable Assemblies with strain relief offer off-the-shelf and customized versions with various circuit sizes and lengths.

Search

58AC8104 at **newark.com**

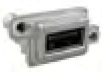
Off-the-Shelf (OTS) Mega-Fit Overmolded Cable Assemblies

Molex delivers off-the-shelf and customized Mega-Fit Overmolded Cable Assemblies in multiple circuit sizes and lengths, combining rugged signal connection with a user friendly interface.

Search

58AC8093 at **newark.com**

Right Angle USB SealJack Connectors



Reliability and functionality are a necessity when Ethernet moves outside the typical office environment. These sealed connectors protect against moisture and other harsh environmental factors

Search

99AC3222 at **newark.com**

Twist-Lock™ Plugs & Receptacles

Hubbell Twist-Lock™ plugs and receptacles are recognized as the industry standard for locking devices because of their long history of durable construction and innovative safety features

Search

38F504 at **newark.com**

Hubbell Insulgrip® Plugs and Connectors

The tough nylon body provides impact and chemical resistance. The durable and powerful offsetting cord grip clamps on individual conductors and outer cord jackets prevent strain on the terminals

Search

32F750 at **newark.com**

Mill-Max Zero Profile Press-Fit Receptacles

Mill-Max now offers even more variety by adding 10 new receptacles capable of accepting a broad range of mating lead diameters to suit a variety of interconnect requirements

Search

95AC5307 at **newark.com**

Entrelec SNK Series Terminal Blocks and Accessories

The innovative SNK series is available in PI-Spring (Push-In and Spring), screw clamp and pluggable technologies with common accessories. Qualified for worldwide applications and severe environments

Search

70AC8773 at **newark.com**

M12 X-Code Right Angle Connectors

Extremely ruggedized M12 connectors for field assembly, provides 10Gb/s data speeds in a right angle connector that safely and reliably supports communication in harsh environments

Search

10AH2653 at **newark.com**

Deutsch 369 Series Connectors

TE DEUTSCH 369 series connectors were developed to provide a range of high reliability, lightweight, compact, and cost-efficient connectors suited to aerospace, and other harsh environment applications

Search

30AH0145 at **newark.com**

Series 3 Circular Connectors with Threaded Joint M16

Wide range of parts, 3–14 poles, with and without 360° shielding. Compatible mating acc. to IEC 61076-2-106 and IEC 60130-9. Easy mounting with solder or crimp technology

Search

23AH4188 at **newark.com**

Cam-Lok™ J-Series E1016 Plugs

Double set screw elastomeric, non-vulcanized male and female plugs

Search

52AC2446 at **newark.com**

97 Series Connectors with Gray ZnNi Plating

Gray Zinc/Nickel plating provides an ideal RoHS compliant solution for harsh, high corrosive environments

Search

54AC6859 at **newark.com**

MTMM Series 2.00 mm Variable Post Height Terminal Strips

Industry's largest variety of low profile pin counts, terminal lengths and options up to four rows and 200 total pins

Search

20W4379 at **newark.com**

MIL-DTL-24308 D-Sub Connectors

Qualified to MIL-DTL-24308, Amphenol's D-Sub Connectors are subminiature rack & panel type connectors with polarized shells

Search

56W1085 at **newark.com**

New IP67 Cat5e/6 Dual-Use Waterproof Ethernet Cables

The innovative design of our new IP67 waterproof cables allows them to be used with IP rated receptacles for a watertight seal or they can be used with standard RJ45 jacks

Search

60AC7086 at **newark.com**

Field Installable N Type Connector

TCan be terminated tool-free with no advanced skill and is ideal for a wide variety of applications including antennas, base stations, instrumentation and broadcast solutions

Search

72AC9932 at **newark.com**

2.2/5 Coaxial Straight Jack for RG405, 0.085” Semi Rigid

The 2.2/5 series is lightweight and can accommodate thick, low loss cables up to a half inch. The robust design makes these connectors ideal for both indoor and outdoor applications

Search

33AH9857 at **newark.com**

N-Type Straight Plug to N-Type Bulkhead Jack on LMR 400

Amphenol RF’s line of ruggedized cable assemblies are engineered for superior performance in harsh environments. These assemblies are fully submersible and designed to withstand corrosion

Search

02AH5745 at **newark.com**

SMPM Socket D38999 Contact (Size 12) for .085 Cable

SV Microwave offers DC to 40 GHz high frequency size 8, 12 and 16 coaxial contacts for the D38999 Series III housing and standard inserts

Search

43AC7536 at **newark.com**

2.92mm Female to Female Bulkhead Hermetic Adapter

SV offers a wide range of IP67 and IP68 waterproof interconnects designed to withstand harsh elements such as high pressure, vacuum applications and the prevention of liquid or gas leakage

Search

84AC4141 at **newark.com**

SMPM Male to SMA Female Bulkhead Sealed Adapter, FD

SV offers a wide range of IP67 and IP68 waterproof interconnects designed to withstand harsh elements such as high pressure, vacuum applications and the prevention of liquid or gas leakage

Search

84AC4142 at **newark.com**

2.92mm Male to 2.92mm Male 12” Cable Assembly for .047 Cable

SV offers a complete line of fixed length, high frequency cable assemblies utilizing SMA, 2.92mm, 2.4mm, SMP, SMPM & SMPS connectors on flexible Ø.047 and Ø.085 cable types

Search

41AC9234 at **newark.com**

2.92mm Female Solderless LiteTouch PCB Connector, 2 Hole

Meets the industry need for high performing, highly reliable solderless connectors for precision thin substrate mounting. Current configurations include 2.92 mm, 2.4 mm, and SMA versions

Search

58AC8075 at **newark.com**

1.85mm Connectors – 67 GHz with VSWR Performance to 1.20:1

Delivers superior signal integrity in the most demanding environments. Easy to assemble and dis-assemble to a PCB, can be connected with solder or solderless, and adjustable to varying board thicknesses

Search

60AC6729 at **newark.com**

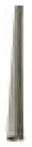
2.4mm Coax Connectors

Max frequency of 50GHz, available in end launch and three mounting flange configurations

Search

81F4452 at **newark.com**

EMI/RFI Shielded Heat Shrink - ShrinkMate™



A cost effective heat shrink solution that protects wire from signal interference

Search

85AC0871 at **newark.com**

Adhesive Mount Adjustable Cable Clamp

Adjustable clamp that allows user to ratchet down on cable. Adhesive mount for easy application

Search

28AH1144 at **newark.com**

Adhesive Mount Cable Tie Holder

Holds 18 Lb cable ties in any 4 directions. Adhesive mount for easy application

Search

28AH1171 at **newark.com**

Locking Snap In Circuit Board Support

Both ends easily snap into pre-drilled holes by hand. Strong, dependable grip

Search

28AH1214 at **newark.com**

Nylon Snap Rivet

Easily pushed into place by hand. See more nylon hardware at newark.com

Search

69AC6573 at **newark.com**

WIRE MANAGEMENT

WAGO 221 Lever-Nut

WAGO's new superstars for electrical installations allow solid, stranded and fine-stranded wires to be connected faster, more reliably, while minimizing the amount of space in junction boxes. They are 40% smaller than the 222 series lever connectors. The transparent housing allows visual inspection for correct wiring. There are also test ports at the front and rear of the connector. Ideal for Industrial, Communications & Networking, Lighting, Security, Signalling, HVAC applications

Search
71Y8326 at **newark.com**

Pan Steel® Self Lock Stainless Steel Cable Tie

Withstands harsh environments. Excellent ultraviolet resistance and chemical resistance. -80 to 538°C operating temperature rang. Non-flammable flammability

Search
94F2792 at **newark.com**

3M Secure Grip Wire Connectors

Will electrically connect and insulate copper conductors in a pigtail application. The connector has a live spring for strong reliable connections

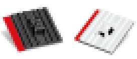
Search
01AH2291 at **newark.com**

Metal Screening Braid

Premium performance grade. Provides exceptional protection for wire and cable harnesses from electromagnetic, electrostatic and radio frequency interference

Search
94AC7775 at **newark.com**

FlexTack Adhesive Cable Tie Mounts



Deliver excellent mounting performance on flat, curved and moderately angled surfaces. Excellent performance in extreme environmental conditions for a wide range of indoor and outdoor applications

Search
151-01527 at **newark.com**

SCT Flame-Retardant, Adhesive-Lined, Semirigid Polyolefin Tubing

Thick adhesive liner forms an effective barrier against fluids and moisture. Performs well at an extended temperature range in under-the-hood auto environments

Search
72J5088 at **newark.com**

Raychem Rayseal Repair Sleeves

Large gauge cable repair sleeve is a high performance side-entry repair product for large gauge and power feeder cables with chafed or cracked insulation

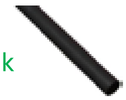
Search
18AC0925 at **newark.com**

TMS-SCE Military Grade Heat Shrink Tubing

Lightweight for aerospace applications; Military spec material & print performance, CSA Certified

Search
41M0784 at **newark.com**

BATTU TUBING Dual Wall Heat Shrink Tubing



Designed for power cable to terminal applications in harsh environments. Moisture-resistant seal withstands common automotive fluids. Offers mechanical protection for increased product reliability

Search
40AH0881 at **newark.com**

P-Clamp - Enabling Next Generation Assembly

Quick install, flexible design, ergonomic. The new "tool-free" standard in wire and cable management. P-Clamp provides a light, fast, and efficient solution to mounting cable harnesses

Search
40AH2025 at **newark.com**

CM-SCE-TP Military Grade Cable Markers

Thermal transfer printable and highly flame resistant - excellent resistance to burning (Oxygen Index 35%)

Search
17M9922 at **newark.com**

ZEROS MOGTLKIT1N - Fume Extractor, 190 m^3/h,120 V, 120,Zero Smog TL Series

Fume extraction unit for up to 2 workplace. Includes Zero Smog® TL fume extraction unit, H13 particle filter and gas filter

Search

01AC4444 at **newark.com**

WE1010NA - Soldering Station, WE Series, 120 V, 450 °C, 70 W

The digital 70 W WE soldering station is 40% more powerful than the WES / WESD station. This allows the iron to heat up faster and to provide a faster recovery time

Search

45AC9886 at **newark.com**

WXR3001N - Rework Station, Multifunctional, 450 °C, 120 V

The WXR3001 is a Rework Station Set with WDH10 safety rests. Up to three 200W high performance tools can be operated simultaneously

Search

40Y7488 at **newark.com**

WXR3002N - Rework Station, Multifunctional, 450 °C, 120 V

The WXR3002 is a multifunctional Rework Station used for soldering and desoldering of both large and small SMT components. LCD display simultaneously monitors all parameters

Search

40Y7489 at **newark.com**

WXR3003N - Rework Station, Multifunctional, 450 °C, 120 V

The WXR3003 is a multifunctional Rework Station used for soldering and desoldering of both large and small SMT components. LCD display simultaneously monitors all parameters

Search

40Y7490 at **newark.com**

WXD2020N - Rework Station, 120 V, US

Soldering and desoldering station, 2 channels 200 W (255 W), including desoldering iron WXDP 120, PDN desoldering nozzle plier and WDH 70 safety rest with brass tool

Search

28W3381 at **newark.com**

WX2021N - Soldering Station, 120 V, 850 ° F, 240 W, LCD Display, ESD Safe

Fine, thin WXMP soldering pencil is suited for work under a microscope. Large graphic LCD display can be viewed from all angles

Search

39T0805 at **newark.com**

MX-500S - Rework Station, Dual Port, 240 V

The MX-500S is a Soldering and Rework System that has been reimagined, adding features and a new look to a bench top icon

Search

23X5007 at **newark.com**

CV-5210 - Soldering Station Set, 240v, 125w, +55 °C Max Temperature

The CV-5210 from Metcal is a CV-5200 series connection validation digital soldering station. Delivers the right amount of power based on the requirements of the solder joint

Search

13AC7485 at **newark.com**

BVX-201-KIT - Filter Unit, Kit, Extraction System, with 2 Flexible Arms, 1.2m

The BVX-201-KIT is a two operator, PRE-HEPA-GAS volume extraction system with two BVX-ARML designed to be used adjacent to the workbenches

Search

29M6877 at **newark.com**

MX-PS5200 - Soldering Station Power Supply, For Metcal MX-5200 Series Systems

The MX-PS5200 is a soldering station Power Supply for use with MX-5200 series dual simultaneous soldering, desoldering and rework systems

Search

48W5010 at **newark.com**

MX-5210 - Rework Station, Dual Port, 100-240VAC

The MX-5210 is a dual-port highly effective simultaneous Soldering and Rework System. Highly effective for soldering applications including lead-free, high mass components or boards

Search

48W5011 at **newark.com**

MX-5241 - Rework Station, with TipSaver™ Workstand, 240 V

The MX-5241 is a dual-port simultaneous Soldering and Rework System with both the Advanced™ handpiece and the precision tweezers. Users get maximum application flexibility for soldering and reworking

Search

48W5014 at **newark.com**

PCT-100-11 - Hot Plate, Convection, 115 V, 450 W

The PCT-100-11 is a 115V Focus Preheater targets heat for improved speed and efficiency for high thermal demand applications, including lead-free

Search

51M4853 at **newark.com**

HCT2-200-11 - Rework Station, HCT2-200 Series, 450 °C Max Temperature, 200 W, 110 V

The HCT2-200 was developed for very small surface mount component and package sizes (1206's and smaller) and low board densities

Search

42AC9657 at **newark.com**

TOOLS & PRODUCTION SUPPLIES

170MN - Cable Cutter, Diagonal Shear, Flush Jaw, General Purpose, 5”Length

The 170M from Xcelite is a diagonal flush cutter of 5” length. Flush cuts soft wire up to 20 AWG (0.8mm)

Search

50F172 at **newark.com**

CW8400 - Solder Flux, Rosin, Soldering, Pen Applicator, 9 g

A pen for applying lead-free flux with precision and control. Applies a noncorrosive, halide free, no clean flux for high temperature, lead-free application

Search

29K6229 at **newark.com**

CW2200STP - Coating, Conductive, Chemical, Grey, Pen Applicator, 8.5g

The CW2200STP is a 8.5g CircuitWorks® Conductive Pen make instant highly conductive silver traces on circuit boards and are used in prototype, rework and repair of circuit boards

Search

00Z1497 at **newark.com**

24-6040-0027 - Solder Wire, 60/40, 0.031” Diameter, 190°C, 1lb

The 24-6040-0027 is a Solder Wire, Sn60+Pb40 Alloy. Rosin 44® is a high activity RA core flux designed for excellent instant wetting action, even on Nickel surfaces

Search

34C5648 at **newark.com**

609961 - Solder Wire, Crystal 400, 0.028” Diameter, 188°C, 8.818 oz

The 609961 is a no clean clear residue cored Solder Wire manufactured with a range of flux contents. Also applicable to repair operations carried out after a cleaning process

Search

15J8017 at **newark.com**

35622 - Straight Probe, Single Ended, Nylon Finish, ESD Safe, 6”

The 35622 is a 6-inch Point Blade Probe commonly known as a “black stick” nylon tool used in electronic repair and assembly. Ideal for opening plastic cases

Search

90H0265 at **newark.com**

44531 - Tweezer, ESD, Straight, Pointed, Stainless Steel, 120 mm

Static Dissipative, Esd safe hypo allergenic tweezers made from Vommaloy. Special stainless steel, anti-magnetic and acid resistant

Search

28C1858 at **newark.com**

M4 4V Cordless Li-Ion Screwdriver Kit

Charger included – featuring 44 in-lbs of peak torque and a 21-position clutch with auto shut-off

Search

86T1091 at **newark.com**

2031-1 - TechClean Brushes with 1/8inch x 3/16inch Horse Hair

Metal brush handle to ensure that the bristles remain intact during the most rigorous applications. Bristles made from horse hair

Search

68K7332 at **newark.com**

497AJN - Vacuum Cleaner Set, 120V, 6A, ESD Safe, Type 2 Filter, Detachable Power Cord

The 497AJN is a 120V SCS Electronics Vacuum for high efficiency cleanup of most business equipment, including removing toner and dust. Backed with a one HP, 6A motor

Search

18M9349 at **newark.com**

SV-MPF2 - Vacuum Filter, Type 2, Toner/Dust

The SV-MPF2 is a SCS Type 2 Filter for Toner/Dust, is used in a wide variety of applications including removing toner from laser printers and copy machines.

Search

50F949 at **newark.com**

91-GUARDD-US-01 - Ionizing Blower, Overhead, 120 V, Aerostat Guardian, 42.75 “ x 4 “ x 6.75 “

Simco-Ion’s Aerostat Guardian Overhead Ionizing Blower provides superior static charge decay over an entire work surface area. Equipped with task lighting and an integrated heate

Search

07AH2007 at **newark.com**

4005105-01 - Ionizer, Air Gun, 120V,164mm, 15V Ion Balance

The 4005105 is a high-performance Ionizing Air Gun designed for a wide variety of electronic manufacturing and assembly applications.

Search

08H0346 at **newark.com**

4003367 - Ionizer, Air, Benchtop, 120VAC, 70CFM, 35 cu.ft/min, 5 sq.ft Coverage

The 4003367 is a 120VAC single-fan bench top Ionizing Air Blower with polyester epoxy finished aluminum enclosure and stainless steel emitter points

Search

08H0344 at **newark.com**

V830SHC - Task Stool, ESD, on Casters with Footring, Conductive Fabric, Plastic Base

The V830SHC is an ESD Task Stool on casters with footring. Static-dissipative with a grounding brass drag chain. Pneumatic height adjustment 21” to 28.5”

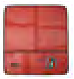
Search

73P9738 at **newark.com**

TOOLS & PRODUCTION SUPPLIES

8507 - ESD Field Service Kit, Portable, Dual Conductor Wrist Strap, Ground Cord, Monitor

SCS



The 8507 is a Portable Field Service Kit with a SCS wrist strap monitor 725 bundles together 2-static control product to gives a field technician the same working environment as a worker in a facility

Search

90B4103 at **newark.com**

ASK-32370 - Dissipative Mat, 2 Layer, Statfree B2 Series, Vinyl, Blue, 24" W x 30ft L

DESCO

Static Protection Mat with non-skid foam nitrile butadiene rubber tray liner. Roll Mat designed to provide a path to ground and eliminate static charge generation

Search

71Y6180 at **newark.com**

09183 - Wrist Strap, Anti-Static, Elastic, MagSnap, Jewel Series

DESCO

Jewel® MagSnap adjustable wrist strap. Magnetic connection between wrist band and coil cord

Search

20T7239 at **newark.com**

19246 - ESD Tester, Workstation Monitor for 2 Operator and 2 Work Surface

DESCO

Dual operator workstation continuous monitor with satellites. Dual station continuous monitor for 2 operators and 2 work surfaces

Search

71T8256 at **newark.com**

BMP21-PLUS - Label Printer, Thermal Transfer, Alphabetical Keyboard, 203 dpi Resolution

BRADY

The BMP21-PLUS is a portable Label Printer, all-in-one labeler for voice/datacom, electrical and general industrial teams. With label materials designed specifically for harsh environment

Search

55X1824 at **newark.com**

3273/10 - Gloves, Disposable, Powder Free, Nitrile, Large, 100 Pack

MAJESTIC

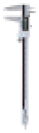
Disposable Nitrile Gloves Large - 100 Pack. Textured for added grip

Search

45M6244 at **newark.com**

500-754-20 - Digital Caliper, IP67, 12"/300mm, 0.01mm Resolution

Mitutoyo



This IP67 ABSOLUTE digimatic caliper allows reliable measurements in a wide range of situations. Can be used in workshop conditions exposed to copolant, water, dust or oil

Search

06P1062 at **newark.com**

26501-LED-8D - Magnifier, LED, 3X, Magnification, 45 ", Arm Length

AVEN

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

Search

28Y7449 at **newark.com**

FPM-50 - Fiber Optic Tester, MADE FOR LIFE ®, Fibre Optic, Indium Gallium Arsenide

JONARD TOOLS

An intelligent fiber optic power meter designed to measure wavelengths with high precision. It is used for absolute and relative power measurements.

Search

45AC7136 at **newark.com**

TCMB100/ST - Tool Kit, Polyethylene Storage Case, 86 Piece

Weller

The TCMB100/ST is a 86-piece Professional Tool Kit for technicians, servicemen and field engineers. The TCMB series tool case is super-tough, black polyethylene with black anodized aluminium hardware

Search

50F1839 at **newark.com**

576TX - Cutter, Tapered and Relieved, 4.25 ", Super Full Flush, 0.012 "

Weller

The 576TX is a tungsten-carbide diagonal tapered/relieved Tip Cutter for use with stainless steel wires, catheters, coiled wires. This is the narrowest head shape

Search

83F4089 at **newark.com**

020440 - Torque, Adjustable, 183mm Length

moody

The 020440 is a 1/4-inch female hex externally adjustable Torque Limiting Screwdriver offers different setting options for applications that require more than torque value

Search

49M1951 at **newark.com**

11063W - Wire Stripper 22-8 AWG / 0.34-6mm² Capacity, 6.6"

KLEIN TOOLS

Klein Tools' popular Katapult® tool is now a stripper and cutter, too. Use the built-in cutting hole to cleanly cut 8-20 AWG solid and 10-22 AWG stranded wire

Search

04X3908 at **newark.com**

C-PD914DD - Wipe, Sorbent, 14.5 " x 9.25 ", 25 Pack

3M

High capacity sorbent pads have a low profile design allowing them to be placed in tight areas. Great for cleaning up spills or wiping down contaminated areas

Search

08X5456 at **newark.com**

1900-Storage Cabinet, Fire Safe, Reinforced, Self Closing, 17.5 " x 18 " x 17.25 "

EAGLE

This bench top safety storage cabinet is ideal for storing your flammable liquids and supplies. Adjustable galvanized steel shelves hold 350 lbs. to meet all your needs

Search

61T4162 at **newark.com**

TOOLS & PRODUCTION SUPPLIES

D5S-6 - Contact Cleaner, 5 oz

CAIG

Contact Cleaner is rejuvenator unique contact cleaner, conductivity enhancer and lubricant. Chemically improves metal-to-metal connections and contacts

Search
08H0311 at **newark.com**

RSF-R80-2 - Solder Flux Jar, 56g

CAIG

Rosin Soldering Flux for electrical and electronic soldering applications. The mildly-activated rosin flux is considerably more active than water-white rosin.

Search
77M8009 at **newark.com**

DeoxIT® L260 Grease Spray

CAIG

For mechanical and electrical devices and equipment that require precise lubrication. A lithium grease with unique additives to enable it to adhere and stay on the surfaces it is applied to

Search
95Y3828 at **newark.com**

Konform® SR 10oz

Chemtronics

Silicone conformal coating. Konform® SR provides maximum flexibility for extreme temperatures. Ideal protection for both rigid and flexible printed circuit boards

Search
00Z1201 at **newark.com**

Chemtronics ES820L IPA Isopropyl Alcohol 8 fl oz

Chemtronics

ES820L IPA Isopropyl Alcohol is a highly effective general use cleaning solvent used to clean a variety of substrates and remove a variety of soils. Safe on plastics

Search
00Z1420 at **newark.com**

Electro-Wash PX Degreaser

Chemtronics

Electro-Wash® PX is a fast drying, one step precision cleaning and degreasing agent safe for most plastics. Removes oils and hydraulic fluids from mechanical assemblies

Search
00Z1138 at **newark.com**

Pre-Saturated Isopropyl Alcohol Wipes

TECHSPRAY

Low-linting wipes are pre-saturated with 70% pure IPA. Made of non-woven polyester. It is ideal for surface cleaning, stencil and tool cleaning and PCB cleaning

Search
20T7267 at **newark.com**

G3 Blue Shower Cleaner/ Degreaser

TECHSPRAY

Non-flammable & powerful cleaner. Non-flammable. Non-ozone depleting. Safe on electronics. Rapid evaporation

Search
81C8423 at **newark.com**

G3 Flux Remover

TECHSPRAY

G3 has a powerful spray and strong solvent that blasts off residues and cleans areas under components that a brush cannot touch

Search
81C8424 at **newark.com**

RTV 108 RTV Silicone Adhesive Sealant

MOMENTIVE

One-component, ready-to-use adhesive sealant that cures to a tough, durable, resilient silicone rubber on exposure to atmospheric moisture at room temperature

Search
00Z660 at **newark.com**

Non-corrosive Silicone Adhesive Sealant

MOMENTIVE

Thixotropic paste consistency and excellent corrosion-free adhesion to metals, including copper, plastics, ceramics, glass without the use of primers.

Search
50B9935 at **newark.com**

TSE397-C 100G Adhesive Sealant Tube

MOMENTIVE

Excellent for thin section potting, filling small surface voids, self leveling and protective coating,Non-corrosive (MIL-A-46146A) to electronic metals, including copper and brass.

Search
21J9764 at **newark.com**

One-component, Ready-to-use High Strength Silicone Rubber Adhesive Sealant

MOMENTIVE

RTV159 silicone rubber adhesive sealants generally help our customers in the aerospace and aviation industries ensure the integrity of their airframes and cabins.

Search
00Z650 at **newark.com**

3M NOVEC™ Flux Remover, 12 oz

3M

Novec™ Flux Remover uses advanced 3M solvent technology to remove a wide variety of solder fluxes used in electronics manufacturing and repair. Evaporates quickly and leaves no residue

Search
47Y8491 at **newark.com**

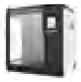
262™ Threadlocker Medium-to-high-strength Adhesive

LOCTITE

Industrial, maintenance & repair where medium to high strength thread-locking is needed

Search
00Z1034 at **newark.com**

Flashforge Creator 3 Professional Independent Dual Extruder 3d Printer



Flashforge Creator 3 3D printer is capable of printing complex engineering-grade 3D prints. Creator 3 is the advanced version of the popular Creator Pro geared towards professionals

Search

29AH0895 at **newark.com**

Flashforge Creator Pro Dual Extruder 3d Printer

Dual extrusion 3D printer, a heated build plate, and a fully enclosed build chamber allow for multi-material printing of temperature-sensitive materials.

Search

29AH0917 at **newark.com**

FlashForge Inventor II 3D Printer

The Inventor II 3D Printer features Fused Filament Fabrication (FFF) printing technology, a build volume of 5.9 x 5.5 x 5.5”, and a layer resolution of 50-400 microns. Equipped with a single extruder nozzle

Search

29AH1053 at **newark.com**

Flashforge Guider 2s Professional 3d Printer With New High-Temperature Extruder

Guider 2S industrial grade 3D printer features built-in HD camera for remote monitoring, a massive build volume with the top level of FFF technology, designed to provide the maximum stability & ruggedness

Search

29AH1005 at **newark.com**

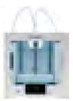
Ultimaker S5 Dual Extrusion 3D Printer

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 3D printing solution

Search

58AC0293 at **newark.com**

Ultimaker S3 Dual Extrusion 3D Printer



S3 dual-extrusion 3D printer delivers high-quality, composites-capable performance in a smaller printer format. Ultimaker S3 brings all the great features of the Ultimaker S5

Search

39AH1033 at **newark.com**

M3-ID 3D Printer with Dual Extruders

With industrial-grade precision and reliability in a machine compact enough to sit on your desk, the M3-ID is built for prototyping & production of precision parts

Search

62AC0403 at **newark.com**

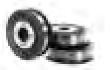
Ultimaker Green PLA 3mm Filame

Ultimaker 3mm Green PLA Filament Ensure the best possible prints by using the highest quality filament from Ultimaker

Search

84Y8311 at **newark.com**

Ultimaker Transparent CPE 3mm Filament



CPE (co-polyester) materials are chemical resistant, tough, and demonstrate good dimensional stability. It is a preferred choice for both functional prototypes and mechanical parts

Search

84Y8321 at **newark.com**

Ultimaker White ABS 3mm Filament

Ultimaker 3mm White ABS Filament Ensure the best possible prints by using the highest quality filament from Ultimaker

Search

84Y8327 at **newark.com**

PVA 3D Printer Filament 750g

PVA (polyvinyl alcohol) is a water soluble support material for multiextrusion 3D printing. Ultimaker PVA is ideal for printing complex models that require supports for large overhangs

Search

31AC4946 at **newark.com**

3D Printer Filament, 1.75mm, PLA, Blue

PLA (Polylactic Acid) filament for use with 3D printers, degradable bioplastic derived from plants. The 55252 from Verbatim is a blue colour, 1.75mm diameter PLA 3D filament.

Search

44AC4192 at **newark.com**

3D Printer Filament, 1.75mm, ABS, Black

ABS (acrylonitrile butadiene styrene), copolymer blend of styrene, acryl and butadiene. The 55000 from Verbatim is a black colour, 1.75mm diameter ABS 3D filament

Search

44AC4181 at **newark.com**

3D Printer Filament, PLA, Wood Effect, 1.75 mm Diameter

Wood / PLA blended Filament 1.75 mm diameter, Wood effectt, 185°C to 230°C (365°F-464°F) Compatible with all fused-filament 3D printers models

Search

54AC6204 at **newark.com**

Premium 3D Printer Filament – PLA

The optimal choice for use in homes, schools, and hobbyists. A heated print bed is not required and when properly utilized, faster print speeds and lower layer heights can be achieved

Search

07AH4513 at **newark.com**

TOOLS & PRODUCTION SUPPLIES

multicomp PRO

5-In-1 Multi-Tool Cutter /Stripper

Cuts and strips 10-22 AWG wire, crimps both insulated and non-insulated terminals, shears bolts

Search

33AH6360 at **newark.com**

multicomp PRO

Heavy Duty Stripper/Crimper

Precision machined heavy-duty 8-22 AWG stripper, cutter and crimper

Search

33AH6217 at **newark.com**

multicomp PRO

Solid and Stranded Wire Stripper

Strips and cuts 10 - 20 AWG Solid and Stranded wire.

Search

33AH6218 at **newark.com**

multicomp PRO

Solid and Stranded Wire Stripper

Strips and cuts 32 - 22 AWG Solid and Stranded wire.

Search

33AH6219 at **newark.com**

multicomp PRO

Compact Wire Stripper / Cutter

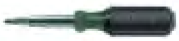
Strips and cuts 10 - 20 AWG Solid and Stranded wire.

Search

33AH6220 at **newark.com**

multicomp PRO

11-in-1 Multi-bit Screwdriver



Screwdriver includes the 8 bits and 3 nut drivers.

Search

34AH5383 at **newark.com**

multicomp PRO

10-in-1 Multi-bit Screwdriver

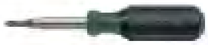
Screwdriver includes the 8 bits and 2 nut drivers.

Search

34AH5384 at **newark.com**

multicomp PRO

6-in-1 Multi-bit Screwdriver



Screwdriver includes the 4 bits and 2 nut drivers.

Search

34AH5385 at **newark.com**

multicomp PRO

5-in-1 Multi-bit Screwdriver

Screwdriver includes the 4 bits and 1 nut drivers.

Search

34AH5386 at **newark.com**

multicomp PRO

32PC Bit Block Multi driver - STANDARD BITS

Magnetic Tip Multi-bit screwdriver with 32PC bit block

Search

34AH5387 at **newark.com**

multicomp PRO

32PC Bit Block Multi driver - TAMPER BITS

Magnetic Tip Multi-bit screwdriver with Tamper proof bit block

Search

34AH5388 at **newark.com**

multicomp PRO

12-in-1 Precision Screwdriver

Features: Philips #00, #0, #1, Slotted 2mm, 3mm, 3.5mm, TORX® T5, T6, T7, T8, T10, T15

Search

34AH5389 at **newark.com**

DURATOOL

42-Piece Tool Kit

Perfect for small jobs at home or working on a small work project.

Search

25AC4952 at **newark.com**

DURATOOL

18” Black Weatherproof Case

Features 3-PC Foam with customizable center layer

Search

76X0326 at **newark.com**

DURATOOL

10.5” Yellow Weatherproof Case

Features 3-PC Foam with customizable center layer

Search

83X6732 at **newark.com**

DAQ973 Data Acquisition System

- 3-slot mainframe with built-in 6½ digit DMM
- Basic 0.003% DCV accuracy
- Nine different switch, RF and control plug-in modules, including a new 4-channel simultaneous sampling digitizer available
- Up to 450 channel/s scan rate
- Up to 120 channels per system
- Up to one million points scanning memory
- Measures and converts 12 different input signals: Temperature with thermocouple, RTDs and thermistor; AC/DC volts and current; 2- and 4-wire resistance; frequency and period; Capacitance
- LAN, USB and GPIB connectivity
- Code compatible with the 34970A/34972A
- USB flash drive support to copy/log data in standalon applications
- BenchVue™ DAQ with enhanced time/frequency domain measurement included

Search

52AH3548 at **newark.com**

DAQ970A Data Acquisition System

3-Slot mainframe DAQ provides all of the same features as the DAQ973 above, excluding GPIB connectivity

Search

72AC4094 at **newark.com**

DAQ397A 4CH Simultaneous Sampling Digitizer

Digitizer module is capable of providing four simultaneously sampled channels which may be configured as a differential or a single-ended input. Each provides 4mA to power external IEPE transducers

Search

52AH3548 at **newark.com**

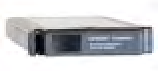
DAQM909A 20CH Solid State Multiplexer Module

This module is divided into two banks of 10 two-wire channels. All 20 channels switch both HI and LO inputs, thus providing fully isolated inputs to the internal DMM or an external instrument

Search

72AC4091 at **newark.com**

DAQM901A 20CH Armature Multiplexer Module



Versatile multiplexer for general purpose scanning combines dense, multifunction switching with 80-channel/second scan rates to address a broad spectrum of data acquisition applications

Search

72AC4092 at **newark.com**

DAQM903A 20CH Actuator/ General Purpose Module

General purpose switch module has 20 independent SPDT relays. Use to cycle power to products under test, control indicator and status lights, or to actuate external power relays and solenoids

Search

74AC7828 at **newark.com**

DAQM907A Multifunction Digital + Analog Module

Module combines two 8-bit ports of digital I/O, 100KHz gated totalizer, and two ±12V or ±24mA analog outputs - all on a single earth-referenced module

Search

74AC7831 at **newark.com**

TEST EQUIPMENT

RTB Series 4CH 300MHz MSO/MDO Oscilloscope

300MHz 4CH Scope includes the 16CH MSO upgrade, Arbitrary waveform generator, I2C, SPI, UART/RS-232/RS-422/RS-485, CAN/LIN serial triggering and decode, Bode plot frequency response analysis

Search
08AC3745 at **newark.com**

FPC Series Bench 3GHz Spectrum Analyzer

This unit includes the following factory installed options: FPC-B22 Preamplifier, FPC-K7 Modulation analysis, FPC-K43 Receiver mode, FPC-K55 Advanced measurements

Search
99AC0287 at **newark.com**

FPC Series Bench 3GHz Spectrum Analyzer

This unit includes the following factory installed options: FPC-B22 Preamplifier, FPC-K7 Modulation analysis, FPC-K42 Vector reflection measurement, FPC-K43 Receiver mode, FPC-K55 Advanced measurements

Search
99AC0288 at **newark.com**

HMC8015 Two Channel Power Analyzer

AC/DC load and standby current characterization tester that enables measurements without additional tools such as a computer or remote infrastructure

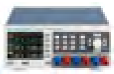
Search
99AC0303 at **newark.com**

HMP4040 Four Channel 384W Power Supply

Isolated floating outputs feature overload and short-circuit protection and can be connected in series or parallel to obtain higher voltages or currents. Maximum voltage 128V, maximum current 40A

Search
50AC9964 at **newark.com**

NGE100 Series Three Channel Power Supply



Complete package includes NGE103B Supply, NGE-K101 Ethernet Remote Control, NGE-K102 Wireless LAN Remote Control, NGE-K103 Digital Trigger I/O

Search
99AC0426 at **newark.com**

NGL200 Series Two Channel Power Supply

The NGL202 delivers 60W per channel. Floating galvanically isolated outputs offer two-quadrant architecture allows it to function both as a source and a sink to simulate batteries and loads

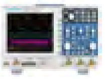
Search
99AC0427 at **newark.com**

RTA Series Four Channel 1GHz MSO/MDO Oscilloscope

1GHz oscilloscope includes the following factory installed options; RTA-B1 mixed signal option, RTA-B6 ARB Generator, RTA-PK1US Application Bundle

Search
99AC0518 at **newark.com**

RTC Series Two Channel 300MHz MSO/MDO Oscilloscope



300MHz oscilloscope includes the following factory installed options: RTC-B1 mixed signal, RTC-K1, 2 and 3 (I2C/SPI, UART/RS232 and CAN/LIN trigger and decode and RTB-B6 ARB generator

Search
99AC0519 at **newark.com**

RTH Series Four Channel 500MHz Handheld Oscilloscope

Handheld oscilloscope includes RTH-B1 Mixed-Signal Option, RTH-K1 I2C/SPI, RTH-K2 UART/RS232, RTH-K3 CAN/LIN, RTH-K9 CAN-FD and RTH-K10 SENT trigger and decode options, RTH-K18 spectrum analysis

Search
99AC0520 at **newark.com**

RTM Series Four Channel 1GHz MSO/MDO Oscilloscope

Oscilloscope includes 16CH MSO upgrade, Arbitrary waveform generator, serial triggering and decode, Power analysis, Bode plot frequency response analysis, History and segmented memory upgrade

Search
99AC0521 at **newark.com**

FPH Series 1GHz Spectrum Analyzer

4GHz spectrum analyzer features numerous options including FPH-B22 Preamplifier, FPH-K15 Interference Analysis, FPH-K16 Signal Strength Mapping Measurement, FPH-K7 Modulation Analysis

Search
40AH2356 at **newark.com**

NGM Series Two Channel Power Supply

Powerful compact bench supply includes the following options: NGM-K102 wireless LAN remote control, NGM-K103 digital trigger I/O, NGM-K104 digital voltmeter functionality, NGM-K106 battery simulation

Search
40AH2473 at **newark.com**

RTE Series Four Channel 2GHz MSO/MDO Oscilloscope

Powerful benchtop instrument includes the following options: RTE-B1 Mixed Signal 400MHz, 16 channels, RTE-TDBNDL trigger and decode bundle, RTE-K18 multi-channel spectrum analysis

Search
40AH2479 at **newark.com**

SMC Series 3.2GHz Signal Generator

Compact and powerful signal generator covers 9KHz to 3.2GHz with +17dBm or better (typical) output power. AM, FM, M and pulse modulation are built in. Also includes SMC-B1 reference oscillator option

Search
13AC0776 at **newark.com**

MDO32 3-BW-1000 Oscilloscope

Tektronix

Two FlexChannel inputs, large 11.6″ color touchscreen display with very small footprint.

Search

02AH4124 at **newark.com**

MDO34 3-BW-500 Oscilloscope

Tektronix

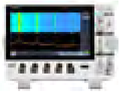
Four FlexChannel inputs, large 11.6″ color touchscreen display with very small footprint.

Search

02AH4132 at **newark.com**

MDO34 3-BW-1000 Oscilloscope

Tektronix



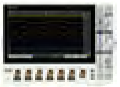
Four FlexChannel inputs, large 11.6″ color touchscreen display with very small footprint.

Search

02AH4129 at **newark.com**

MSO44 4-BW-1000 Oscilloscope

Tektronix



Four FlexChannel inputs, large 13.3″ color touchscreen display, bandwidth upgradable to 1.5GHz

Search

02AH4133 at **newark.com**

MSO46 4-BW-500 Oscilloscope

Tektronix

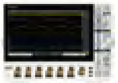
Six FlexChannel inputs, large 13.3″ color touchscreen display, bandwidth upgradable to 1.5GHz

Search

02AH4142 at **newark.com**

MSO46 4-BW-100 Oscilloscope

Tektronix



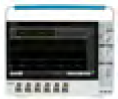
Six FlexChannel inputs, large 13.3″ color touchscreen display, bandwidth upgradable to 1.5GHz

Search

02AH4138 at **newark.com**

MSO56 5-BW-1000 Oscilloscope

Tektronix



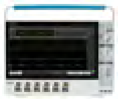
Six FlexChannel inputs, large 15.6″ color touchscreen display, bandwidth upgradable to 2GHz

Search

17AC9289 at **newark.com**

MSO56 5-BW-2000 Oscilloscope

Tektronix



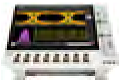
Six FlexChannel inputs, large 15.6″ color touchscreen display, bandwidth upgradable to 2GHz

Search

17AC9290 at **newark.com**

MSO58 5-BW-1000 Oscilloscope

Tektronix



Eight FlexChannel inputs, large 15.6″ color touchscreen display, bandwidth upgradable to 2GHz

Search

17AC9297 at **newark.com**

MSO58 5-BW-2000 Oscilloscope

Tektronix

Eight FlexChannel inputs, large 15.6″ color touchscreen display.

Search

17AC9298 at **newark.com**

MSO58LP 1GHz PC / USB Oscilloscope

Tektronix

Low profile mixed signal oscilloscope features eight FlexChannel inputs. DisplayPort and DVI-D video outputs support HD (1920 x 1080) resolution

Search

56AC3039 at **newark.com**

MSO64 6-BW-1000 Four Channel 1GHz MSO/ MDO Oscilloscope

Tektronix

Four FlexChannel inputs, large 15.6″ color touchscreen display, bandwidth upgradable to 8GHz

Search

67AC9624 at **newark.com**

MSO64 6-BW-2500 Four Channel 2.5GHz MSO/MDO Oscilloscope

Tektronix

Four FlexChannel inputs, large 15.6″ color touchscreen display, bandwidth upgradable to 8GHz

Search

67AC9625 at **newark.com**

MSO64 6-BW-4000 Four Channel 4GHz MSO/MDO Oscilloscope

Tektronix

Four FlexChannel inputs, large 15.6″ color touchscreen display, bandwidth upgradable to 8GHz

Search

67AC9626 at **newark.com**

MSO64 6-BW-6000 Four Channel 6GHz MSO/MDO Oscilloscope

Tektronix

Four FlexChannel inputs, large 15.6″ color touchscreen display, bandwidth upgradable to 8GHz

Search

67AC9627 at **newark.com**

TEST EQUIPMENT

2470 Source Meter

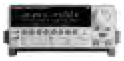
KEITHLEY
A Tektronix Company

The 2470 High Voltage SourceMeter® Source Measure Unit (SMU) instrument makes testing intuitive with minimized learning curve. Wide coverage up to 1100VDC/1A, 20W max, 10 fA measure resolution

Search
02AH4148 at **newark.com**

2602B Source Meter

KEITHLEY
A Tektronix Company



Series 2600B SourceMeter SMU Instruments – 2602B combines a power supply, true current source, 6½-digit DMM, arbitrary waveform generator, pulse generator & electronic load, in a single unit.

Search
44W8034 at **newark.com**

2450 Source Meter

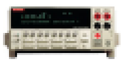
KEITHLEY
A Tektronix Company

Model 2450 features an innovative graphical user interface (GUI) and advanced, capacitive touchscreen for intuitive use and minimized learning curve. It is well-suited for characterizing semiconductors & more

Search
88W3815 at **newark.com**

2410 Source Meter

KEITHLEY
A Tektronix Company



Designed for test applications demanding tightly coupled sourcing and measurement. Provides voltage and current sourcing as well as measurement capabilities. 1,100V, 1A, 20W.

Search
19K4451 at **newark.com**

2401 Source Meter

KEITHLEY
A Tektronix Company

Designed for test applications demanding tightly coupled sourcing and measurement. Provides voltage and current sourcing as well as measurement capabilities. 20V, 1A, 20W.

Search
64T2777 at **newark.com**

2400 Source Meter

KEITHLEY
A Tektronix Company

Designed for test applications demanding tightly coupled sourcing and measurement. Provides voltage and current sourcing as well as measurement capabilities. 200V, 1A, 20W.

Search
41J2103 at **newark.com**

DMM7510 Digital Bench Multimeter

KEITHLEY
A Tektronix Company

Combines the benefits of a precision DMM, a graphical touchscreen display, and high resolution digitizer to create a graphical sampling multimeter. The digitizer provides unprecedented signal analysis.

Search
29Y2096 at **newark.com**

DMM6500 Digital Bench Multimeter

KEITHLEY
A Tektronix Company

Large 5 capacitive touch screen provides "pinch and zoom" simplicity. 15 measurement functions include capacitance, temperature, and digitizing. Expanded measurement ranges and stores up to 7M readings

Search
51AC7032 at **newark.com**

DAQ6510 Data Acquisition Unit

KEITHLEY
A Tektronix Company

Precision data acquisition and logging system creates a new level of simplicity compared with the often complicated configuration and control found in many stand-alone solutions. 12 different control modules

Search
51AC7225 at **newark.com**

RS232 Interace for DAQ6510

KEITHLEY
A Tektronix Company

RS232 option provides serial control of unit as well as datalogging

Search
56AC3032 at **newark.com**

GPIB Interface for DAQ6510

KEITHLEY
A Tektronix Company

Standard GPIB bus interface provides external control of unit as well as datalogging

Search
56AC3031 at **newark.com**

2601B System Source Meter

KEITHLEY
A Tektronix Company

Tightly integrated, 4-quadrant voltage/current source and measure instruments offer best in class performance with 6½-digit resolution. Dual Channel 3A DC. 10A pulse

Search
44W8033 at **newark.com**

2604B System Source Meter

KEITHLEY
A Tektronix Company

Tightly integrated, 4-quadrant voltage/current source and measure instruments offer best in class performance with 6½-digit resolution. Dual Channel 3A DC. 10A pulse

Search
44W8035 at **newark.com**

2611B System Source Meter

KEITHLEY
A Tektronix Company

Tightly integrated, 4-quadrant voltage/current source and measure instruments offer best in class performance with 6½-digit resolution. Single Channel 200V, 10A pulse

Search
44W8036 at **newark.com**

2612B System Source Meter

KEITHLEY
A Tektronix Company

Tightly integrated, 4-quadrant voltage/current source and measure instruments offer best in class performance with 6½-digit resolution. Dual Channel 200V. 10A pulse

Search
44W8037 at **newark.com**

TG267 Thermal Camera

FLIR

Handheld thermal camera reduces diagnostic time while simplifying reporting & long-term monitoring of equipment & systems throughout a facility. 160x120 IR pixel imager, -25° to +380°F temperature range

Search

40AH1830 at **newark.com**

TG297 Thermal Camera

FLIR

Handheld thermal camera combines accurate measurement with the ability to image temperatures as high as 1030°C (1886°F). 160x120 IR pixel imager, 30:1 distance to spot ratio

Search

40AH1831 at **newark.com**

ETS320 Stationary Thermal Inspection Camera

FLIR

Engineered specifically for lab electronics testing, unit is battery-powered and hands-free. USB connectivity allows immediate analysis and sharing of thermal data. 320 x 240 IR resolution, 45° x 34° field of view

Search

14AC2256 at **newark.com**

Flir One Pro LT Pro Smartphone IR Camera

FLIR

IR Camera Attachment for IOS Smartphones - 80 x 60 IR Resolution

Search

82AC9755 at **newark.com**

Flir One Pro LT Pro Smartphone IR Camera

FLIR

IR Camera Attachment for Smartphones with Micro USB - 80 x 60 IR Resolution

Search

82AC9756 at **newark.com**

Flir One Pro LT Pro Smartphone IR Camera

FLIR

IR Camera Attachment for Smartphones with USB-C - 80 x 60 IR Resolution

Search

82AC9757 at **newark.com**

C2 Pocket Thermal Imaging Camera

FLIR

Pocket Thermal Imager with 80 x 60 IR Resolution

Search

41Y9214 at **newark.com**

E95-24 Thermal Imaging Camera

FLIR

Handheld IR Camera with 464 x 348 IR Resolution and 17mm Lens

Search

12AC7159 at **newark.com**

E8-XT WIFI Thermal Imaging Camera

FLIR

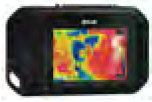
Handheld IR Camera with 320 x 240 IR Resolution and WiFi Connectivity

Search

99AC7471 at **newark.com**

Powerful Pocket-sized Thermal Camera

FLIR



Features a 3” touchscreen display, 80 x 60 resolution, 41° x 31° field of view and WiFi connectivity. In stock at Newark

Search

11AC9780 at **newark.com**

TiX501 Thermal Imaging Camera

FLUKE

Handheld Thermal Imager with 640 x 480 Resolution, WiFi, and 5.7” Touchscreen Display

Search

01AH3577 at **newark.com**

TI-401 Pro Thermal Imaging Camera

FLUKE

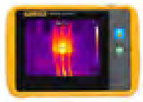
Handheld Thermal Imager with 640 x 480 Resolution, WiFi, and 3.5” Touchscreen Display

Search

01AH3578 at **newark.com**

PTi120 Pocket Thermal Imaging Camera

FLUKE



Pocket Thermal Imager with 120 x 90 IR Resolution

Search

01AH3576 at **newark.com**

FLK-TiS60+ 30Hz Thermal Imager

FLUKE

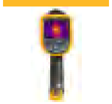
Provides 320 x 240 resolution with 34° x 26° field of view. IR-Fusion™ technology allows you to see things that are otherwise invisible to reveal problems that are otherwise undetectable

Search

42AH0127 at **newark.com**

FLK-TiS20+ 9Hz Thermal Imager

FLUKE



Compact thermal imager provides 120 x 90 resolution with 50° x 38° field of view. IP54 rated, 2M drop tested, longest battery life of all Fluke Thermal Imagers

Search

42AH0126 at **newark.com**

TEST EQUIPMENT

MDA-550 Four Channel Motor Drive Analyzer

FLUKE

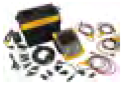
Locate and troubleshoot typical problems on inverter type motor-drive systems. Measure key motor-drive parameters including voltage, current, DC Bus voltage level and AC ripple, voltage and more

Search

73AC9474 at **newark.com**

435-II 3-Phase Power Quality and Energy

FLUKE



Locate and troubleshoot power quality problems in single and three-phase power distribution systems. Measure and quantify energy losses due to harmonics and unbalance issues

Search

76T4892 at **newark.com**

VR1710 Voltage Quality Recorder

FLUKE

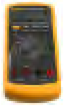
Single-phase recorder is an easy-to-use solution for detecting and recording voltage quality problems. Parameters including RMS average, transients, flicker, and harmonics are recorded

Search

71M3716 at **newark.com**

87V Industrial Digital Multimeter

FLUKE



The gold standard in handheld digital instrumentation, the Fluke 87V troubleshoots issues on motor drives, in plant automation, power distribution, and electromechanical equipment

Search

96H6287 at **newark.com**

87V-E2 Industrial Digital Multimeter Kit

FLUKE

Kit includes the Fluke 87V meter, TL75 test leads, AC72 alligator clips, temperature probe, heat resistant test leads, removable test probes, long reach alligator clips, magnetic holder, carrying case

Search

12M6081 at **newark.com**

87V-MAX Heavy Duty Industrial Digital Multimeter

FLUKE

New ruggedized version of the popular Fluke 87V, this meter provides extended operating temperature range, IP67 rating and is drop tested to four meters

Search

40AH0535 at **newark.com**

Model 289 Industrial True-RMS Multimeter

FLUKE

Datalogging meter solves complex problems in plant automation, power distribution, and electronics. Log data and review graphically on-screen to quickly solve problems and minimize downtime

Search

42M9905 at **newark.com**

Model 179-ESFP Digital Multimeter

FLUKE

True RMS Digital Multimeter is the preferred solution for professional technicians around the world. Measure AC/DC voltage and current, capacitance, frequency, resistance and temperature

Search

25C4804 at **newark.com**

Model 179-EDA2 Electronics Combo Multimeter Kit

FLUKE

Kit includes the Fluke 179 multimeter, TL910 electronic test probes, 80BK-A integrated temperature probe, TPAK magnetic hanger, AC280 SureGrip hook clips, TL224 SureGrip insulated test leads & case

Search

31M7868 at **newark.com**

Model 117 Digital Multimeter

FLUKE

The ideal meter for demanding settings like commercial buildings, hospitals and schools. True-RMS meter measures AC/DC volts and amps, resistance, frequency and capacitance. CAT III 600 V safety rated

Search

83K1721 at **newark.com**

Model 115 Digital Multimeter

FLUKE

True RMS digital multimeter is the answer for general purpose electrical and electronic test requirements. Measure AC/DC current and voltage, capacitance, frequency and resistance plus continuity & diode check

Search

83K1718 at **newark.com**

Model 175-ESFP Digital Multimeter

FLUKE

True-RMS digital multimeter provides baseline features needed for troubleshooting and repairing electrical and electronic systems. Delivers accurate true-RMS AC current and voltage and more

Search

25C4796 at **newark.com**

5674C Deluxe Electronic Test Probe Set

Pomona Electronics

Perfect for any DMM, this complete kit includes six test leads, two test probes, two alligator clips, one test clip, four probe adapters and carry pouch

Search

73K9941 at **newark.com**

5325A DMM Test Probe Kit

Pomona Electronics

Perfect for any DMM, this kit includes the 5309A test probe set, 6262 slide-on extended tip set and 6264 alligator adapter set

Search

94F1526 at **newark.com**

6730 Four-Wire Kelvin Test Lead Set

Pomona Electronics

Test lead set is designed for use with any device equipped with four-wire Kelvin test lead inputs. Overall length is 46″ with wide jaw alligator clips that open to 0.8″

Search

66H6600 at **newark.com**

TEST EQUIPMENT

2206B Two Channel 50Mhz USB Oscilloscope

Powerful and compact PC based 50MHz two-channel oscilloscope also functions as a spectrum analyzer, function generator, arbitrary waveform generator, serial bus analyzer and logic analyzer

Search

81Y4874 at **newark.com**

3406D Four Channel 200MHz USB Oscilloscope

Powerful USB 3.0 based scope features four channels, 200MHz bandwidth 1 GS/s real-time sampling rate, fast waveform updates and built-in arbitrary waveform generator

Search

39Y8658 at **newark.com**

3406D Four Channel 200MHz USB MSO Oscilloscope

Powerful USB 3.0 based scope features four analog and 16 digital channels, 200MHz bandwidth 1 GS/s real-time sampling rate, fast waveform updates and built-in arbitrary waveform generator

Search

85X3586 at **newark.com**

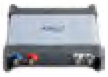
4824 Eight Channel USB Oscilloscope

USB based 20MHz oscilloscope features eight analog channels allowing you to easily analyze audio, vibration, power, and timing of complex systems, and perform a wide range of precision measurements

Search

38X6261 at **newark.com**

5244D Two Channel 200MHz USB Oscilloscope

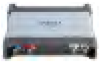


Two channel 200MHz USB oscilloscope features FlexRes® 8 to 16 bit hardware resolution. Perfect for design, research, education and service. Also features up to 512MS capture memory, 130,000 wfps

Search

65AC5474 at **newark.com**

5244D MSO Two Channel 200MHz USB Oscilloscope



Two channel 200MHz USB oscilloscope provides all of the features of the Model 5244D, plus 16 digital channels

Search

67AC4738 at **newark.com**

5444D Four Channel 200MHz USB Oscilloscope

Four channel 200MHz USB oscilloscope features FlexRes® 8 to 16 bit hardware resolution. Perfect for design, research, education and service. Also features up to 512MS capture memory, 130,000 wfps

Search

67AC4742 at **newark.com**

5444D MSO Four Channel 200MHz USB Oscilloscope

Four channel 200MHz USB oscilloscope provides all of the features of the Model 5444D, plus 16 digital channels

Search

67AC4743 at **newark.com**

6404D Four Channel 500MHz USB Oscilloscope

500MHz bandwidth plus real-time sampling rate of 5GS/s allow display of single-shot pulses with 200ps resolution. 50 GS/s sampling rate allows timing resolution for repetitive signals

Search

08X2009 at **newark.com**

TA041

25MHz differential probe allows safe and accurate method of making high-voltage differential measurements. Differential voltage range (100:1): ±700 V (DC + peak AC) or 700 V RMS

Search

02M0836 at **newark.com**

TA167

Clamp probe enables current measurements up to 2000A, Bandwidth is DC to 20KHz

Search

18X2928 at **newark.com**

TA044

70MHz differential probe allows safe and accurate method of making high-voltage differential measurements. Differential voltage range (1000:1): ±7KV (DC + peak AC) or 700 V RMS

Search

95M7351 at **newark.com**

TA058

50MHz differential probe allows safe and accurate method of making high-voltage differential measurements. Differential voltage range (100:1): ±700 V (DC + peak AC) or 700 V RMS

Search

33P8250 at **newark.com**

TC-08 Thermocouple Data Logger

USB powered data logger, a cost-effective temperature measurement solution. With eight direct thermocouple inputs, the USB TC-08 can take accurate, rapid readings. Records temperatures −270 °C to +1820 °C

Search

02M0855 at **newark.com**

TC-08 Terminal Board

For use with the TC-08 logger, converts inputs to screw terminal type, allowing logger to be used to record a wide range of signals, ±5VDC, and 4~20mA

Search

05AC0237 at **newark.com**

TEST EQUIPMENT

MDO-2102A 100MHz 2CH Oscilloscope

GW INSTEK

100MHz mixed domain oscilloscope features a 2GSa/s Max sampling rate and memory depth of 20M/CH. It's also a dual-domain test platform that includes a spectrum analyzer measurement mode

Search

51AH5131 at **newark.com**

MDO-2202A 200MHz 2CH Oscilloscope

GW INSTEK

200MHz mixed domain oscilloscope features a 2GSa/s Max sampling rate and memory depth of 20M/CH. It's also a dual-domain test platform that includes a spectrum analyzer measurement mode

Search

51AH5133 at **newark.com**

MDO-2302A 300MHz 2CH Oscilloscope

GW INSTEK

300MHz mixed domain oscilloscope features a 2GSa/s Max sampling rate and memory depth of 20M/CH. It's also a dual-domain test platform that includes a spectrum analyzer measurement mode

Search

51AH5135 at **newark.com**

MDO-2102AG 100MHz 2CH Oscilloscope with Function Generator

GW INSTEK

100MHz mixed domain oscilloscope features a 2GSa/s Max sampling rate and memory depth of 20M/CH. It's also a dual-domain test platform that includes a spectrum analyzer measurement mode

Search

51AH5132 at **newark.com**

MDO-2202AG 200MHz 2CH Oscilloscope with Function Generator

GW INSTEK

200MHz mixed domain oscilloscope features a 2GSa/s Max sampling rate and memory depth of 20M/CH. It's also a dual-domain test platform that includes a spectrum analyzer measurement mode

Search

51AH5134 at **newark.com**

MDO-2302AG 300MHz 2CH Oscilloscope with Function Generator

GW INSTEK

300MHz mixed domain oscilloscope features a 2GSa/s Max sampling rate and memory depth of 20M/CH. It's also a dual-domain test platform that includes a spectrum analyzer measurement mode

Search

51AH5136 at **newark.com**

PEL-3021H DC Electronic Load - 175W

GW INSTEK

Single channel high speed programmable load for testing large scale computer and server power supplies. Up to five units may be cascaded for increased capacity - half rack mount

Search

28AH0423 at **newark.com**

4062B 40MHz Dual Channel Function/ARB Waveform Generator

BK PRECISION

Capable of producing precise sine, square, triangle, pulse, and arbitrary waveforms. Dual architecture design allow toggling between DDS and true point-by-point arbitrary modes

Search

51AH4560 at **newark.com**

4063B 80MHz Dual Channel Function/ARB Waveform Generator

BK PRECISION

Capable of producing precise sine, square, triangle, pulse, and arbitrary waveforms. Dual architecture design allow toggling between DDS and true point-by-point arbitrary modes

Search

51AH4561 at **newark.com**

4064B 120MHz Dual Channel Function/ARB Waveform

BK PRECISION

Capable of producing precise sine, square, triangle, pulse, and arbitrary waveforms. Dual architecture design allow toggling between DDS and true point-by-point arbitrary modes

Search

51AH4562 at **newark.com**

8514B 1,500W DC Electronic Load

BK PRECISION

Versatile tool is ideal for evaluating DC power supplies, DC-DC converters, batteries, battery chargers, and photovoltaic arrays

Search

40AH1291 at **newark.com**

8542B 150W DC Electronic Load

BK PRECISION

Versatile tool is ideal for evaluating DC power supplies, DC-DC converters, batteries, battery chargers, and photovoltaic arrays

Search

07AH3449 at **newark.com**

8510B 600W DC Electronic Load

BK PRECISION

Versatile tool is ideal for evaluating DC power supplies, DC-DC converters, batteries, battery chargers, and photovoltaic arrays

Search

07AH3448 at **newark.com**

8502B 300W DC Electronic Load

BK PRECISION

Versatile tool is ideal for evaluating DC power supplies, DC-DC converters, batteries, battery chargers, and photovoltaic arrays

Search

07AH3447 at **newark.com**

8500B 300W DC Electronic Load

BK PRECISION

Versatile tool is ideal for evaluating DC power supplies, DC-DC converters, batteries, battery chargers, and photovoltaic arrays

Search

07AH3446 at **newark.com**

TEST EQUIPMENT

Handheld DSO, 20MHZ

20MHz, 8bit handheld digital storage oscilloscope with digital multimeter

Search
10AH2397 at **newark.com**

Handheld DSO, 60MHZ

60MHz, 8bit handheld digital storage oscilloscope with digital multimeter

Search
10AH2398 at **newark.com**

Pc Oscilloscope, 25mhz, 2ch

2 channel, 25MHz, 8bit PC-based oscilloscope. Featuring 5K record lengths, friendly UI, multi-trigger options

Search
10AH2399 at **newark.com**

Pc Oscilloscope, 25mhz, 2ch

2 channel, 25MHz, 8bit PC-based oscilloscope with USB 2.0 isolation

Search
10AH2400 at **newark.com**

Pc Oscilloscope, 60mhz, 2ch

2 channel, 60MHz, 8bit PC-based oscilloscope. Featuring 10M record lengths, friendly UI, multi-trigger options

Search
10AH2401 at **newark.com**

Pc Oscilloscope, 100mhz, 2ch

2 channel, 100MHz, 8bit PC-based oscilloscope. Featuring 10M record lengths, friendly UI, multi-trigger options

Search
10AH2402 at **newark.com**

Mixed Signal Oscilloscope, 100MHZ

2-in-1, 8bit, 100MHz mixed signal oscilloscope with logic analyser

Search
10AH2396 at **newark.com**

Digital Storage Oscilloscope, 20mhz

2 channel, 20MHz, 8bit, digital oscilloscope. 7″ display

Search
10AH2392 at **newark.com**

Digital Storage Oscilloscope, 50mhz

2 channel, 50MHz, 8bit, digital oscilloscope. 7″ display

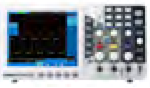
Search
10AH2393 at **newark.com**

Digital Storage Oscilloscope, 100mhz

2 channel, 100MHz, 8bit, digital oscilloscope. 7″ display

Search
10AH2394 at **newark.com**

Digital Storage Oscilloscope, 100mhz



2 channel (1 external), 100MHz, 8bit, digital storage oscilloscope. 8″ display

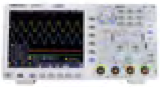
Search
10AH2395 at **newark.com**

Digital Storage Oscilloscope, 100mhz

2 Channel 100MHz, 12bit, digital oscilloscope, 8″ display

Search
10AH2403 at **newark.com**

Digital Storage Oscilloscope, 100mhz



4 Channel 100MHz, 8bit, digital oscilloscope, 8″ display

Search
10AH2404 at **newark.com**

Spectrum Analyser, 1.5ghz

Frequency range from 9KHz up to 1.5GHz, 9KHz up to 3.6GHz

Search
10AH2390 at **newark.com**

Spectrum Analyser, 3.6ghz

Frequency range from 9KHz up to 3.6GHz

Search
10AH2391 at **newark.com**

TEST EQUIPMENT

multicomp PRO

Handheld DMM With Bluetooth

5/6 bit resolution handheld digital multimeter. with data logger

Search
10AH2405 at **newark.com**

multicomp PRO

Bench Digital Multimeter

4.5 digit bench-type digital multimeter. 4” Display

Search
10AH2406 at **newark.com**

multicomp PRO

Bench Digital Multimeter

5.5 digit bench-type digital multimeter. 4” Display

Search
10AH2407 at **newark.com**

multicomp PRO

Bench Top emote Programmable Linear Mode Power Supply

Linear Mode Power Supply, 0.1V-18V DC, 0-6A, 3 Outputl

Search
42AH0476 at **newark.com**

multicomp PRO

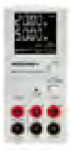
Bench Top Remote Programmable Linear Mode Power Supply

Linear Mode Power Supply, 0.1V - 32V DC, 0-3.5A, 3 Output

Search
42AH0477 at **newark.com**

multicomp PRO

Switching Mode Power Supply



1-20V, 5A, 3 Output

Search
42AH0478 at **newark.com**

multicomp PRO

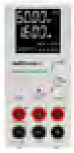
Switching Mode Power Supply

1-36V 3A, 3 Output

Search
42AH0479 at **newark.com**

multicomp PRO

Switching Mode Power Supply

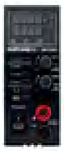


1-60V, 1.6A, 3 Output

Search
42AH0480 at **newark.com**

multicomp PRO

Auto-Ranging Power Supply



0.5-36V, 5A, 1 Output

Search
42AH0481 at **newark.com**

multicomp PRO

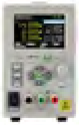
Auto-Ranging Power Supply

0.5-36V, 5A (80W) 1 Output

Search
42AH0482 at **newark.com**

multicomp PRO

DC Linear Power Supplies



150W, 0-30V, 0-5A Single-channel, linear

Search
42AH0482 at **newark.com**

multicomp PRO

DC Linear Power Supplies

180W, 0-60V, 0-3A Single-channel, linear

Search
42AH0484 at **newark.com**

multicomp PRO

Wide Range Programmable Power Supply

0-30V, 0-30A, 300W, wide range voltage with a single channel

Search
42AH2836 at **newark.com**

multicomp PRO

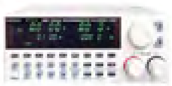
Wide Range Programmable Power Supply

0-60V, 0-15A, 300W, wide range voltage with a single channel

Search
42AH2837 at **newark.com**

multicomp PRO

DC Electric Load



300W, 0-120V, 0-30A, Single Channel

Search
52AH6649 at **newark.com**

SOLDERING STATIONS & SUPPLIES

TENMA

60W Soldering Station

ESD safe thermo-control anti-static digital soldering station with LCD display

Search

56T2208 at **newark.com**

TENMA

Fume Extractor

ESD safe solder fume extractor

Search

37J0035 at **newark.com**

multicomp PRO

4-IN-1 Rework Station

4-in-1 rework station, including functionality for soldering, hot air, desoldering and electronic tweezers

Search

72AC8885 at **newark.com**

multicomp PRO

60W Soldering Station

Digital Soldering Station, 60W, ESD Safe

Search

39AH0163 at **newark.com**

multicomp PRO

80W Soldering Station

Digital Soldering Station, 80W, ESD Safe

Search

39AH0164 at **newark.com**

multicomp PRO

100W Soldering Station

Digital soldering station, 100W, ESD SAFE

Search

39AH0165 at **newark.com**

multicomp PRO

Temperature Controlled Soldering Iron

50W Adjustable & Constant Temperature Soldering Iron & Stand (ESD Safe)

Search

39AH0166 at **newark.com**

multicomp PRO

USB Soldering Iron

USB Soldering Iron especially for precision soldering.

Search

39AH0167 at **newark.com**

multicomp PRO

Soldering Iron,80W

Portable, temperature-adjustable, high-temperature control soldering iron

Search

39AH0168 at **newark.com**

multicomp PRO

Soldering Iron,150W

Portable, temperature-adjustable, high-temperature control soldering iron

Search

39AH0169 at **newark.com**

multicomp PRO

Fume Extractor

Desktop-type ESD Safe Fume & Solder Smoke Absorber

Search

39AH0171 at **newark.com**

multicomp PRO

Soldering Iron, 80W

80W portable, temperature-adjustable, high-temperature control soldering iron.

Search

39AH0172 at **newark.com**

multicomp PRO

Soldering Iron, 150W

150W portable, temperature-adjustable, high-temperature control soldering iron.

Search

39AH0173 at **newark.com**

multicomp PRO

Multi-Functional Soldering System, 150W

150W Single Soldering Rework Stations

Search

39AH0174 at **newark.com**

multicomp PRO

Multi-Functional Soldering System, 200W

200W Dual Channel Soldering Rework Stations

Search

39AH0175 at **newark.com**

SOLDERING & ESD SUPPLIES

DURATOOL

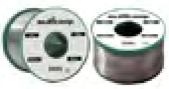
Tip Tinner

Tip Tinner, Lead Free, 0.5oz

Search
10N694 at **newark.com**

multicomp

Solder wire



96.1/2.6/0.3 Solder Wire, 1lb

Search
35M4394 at **newark.com**

DURATOOL

Solder wire

60/40 Solder wire with rosin activated (RA) flux, 1lb

Search
20M4920 at **newark.com**

multicomp

Silicone Thermal Dielectric Grease

Translucent, water repelling (hydrophobic), non-melting, and lubricating dielectric grease, 85 ml

Search
71AC4521 at **newark.com**

multicomp

Carbon Conductive Grease

Electrically conductive silicone grease for improving electrical connections

Search
71AC4520 at **newark.com**

multicomp

Breadboard

Solderless ABS Prototyping Board

Search
99W1760 at **newark.com**

multicomp

AirDuster

Air duster with compressed gas for energized equipments Non-flammable, non-ozone depleting

Search
78H4044 at **newark.com**

multicomp

Freeze Spray

10oz Diagnostic Freeze Spray

Search
78H4045 at **newark.com**

multicomp

Dissipative Mat

Dissipative Mat, 2 Layer, Rubber, Blue, 2ft W x 3ft L

Search
27T3780 at **newark.com**

DURATOOL

ESD Heel Grounder

Heel Grounder with conductive grounding tab

Search
14N9048 at **newark.com**

multicomp

Anti Static Wrist Strap

Wrist strap set with wristband and grounding cord

Search
74M5598 at **newark.com**

DURATOOL

ESD Field Service Kit

24″ x 24″ ESD Mat, Ground Snap & Cord, Wrist Band & Coiled Ground Cord

Search
14N9060 at **newark.com**

DURATOOL

ESD Snap Mounting Kit,

Universal Snap Kit with threaded backing washer

Search
02P9686 at **newark.com**

DURATOOL

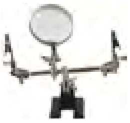
ESD Vacuum Cleaner Set

Static-controlled Vacuum Cleaner with conductive construction to prevent damage to sensitive electronic components

Search
18M9991 at **newark.com**

DURATOOL

Magnifier Clamp Tool



Helping Hands Magnifier with a 4X magnification

Search
47T9913 at **newark.com**

PASSIVE COMPONENTS

NRC-AS Series Sulfur-resistant AEC-Q200 Chip Resistors

Ideal for for Harsh Environments. Suitable for high-reliability applications in challenging applications. Available in standard and high power ratings

Search

52AH2728 at **newark.com**

NTR Series Thin Film Resistors

Precise tolerance and temperature coefficient, eia standard case sizes (0201 ~ 2512) low noise, thin film (NiCr) construction, reflow solderable (Pb free termination finish)

Search

16AH3769 at **newark.com**

NPIS_LS Series Ultralow Profile Power Inductor, High Current & High Inductance

Resin shielded power inductor high current (up to 10.35 amps) and high inductance for use in DC/DC converters. Ultra-small (down to 2mm)

Search

41AH9080 at **newark.com**

Surface Mount MELF Resistor

Surface Mount MELF Resistor, 56 kohm, SMA-A Series, 350 V, Metal Film, 1 W, ± 1%

Search

73AC2516 at **newark.com**

SMD Chip Resistor

SMD Chip Resistor, 2512 [6432 Metric], 270 ohm, 3522 Series, 250 V, Thick Film, 3 W

Search

84Y5134 at **newark.com**

Panel Mount Resistor

Resistor, Solder Lug, 47 ohm, HSC Series, 150 W, ± 5%, Solder Lug, 2.5 kV

Search

51R8242 at **newark.com**

High Current SMD Jumpers

JR series of high current jumpers offers handling up to 100 amps (2512 size) with resistance values below 0.2 milli-ohms

Search

07AH3442 at **newark.com**

2000 Watt Planar Resistor

The TAP2000 is ideal for variable speed drives, power supplies, control devices, robotics, motor control and other power designs

Search

99AC8567 at **newark.com**

Resistive Force Sensor for Industrial Use

Typical force-sensing resistors are characterized for Human- Machine Interface (HMI) or Machine-Machine Interface (MMI) applications with a sensing range from circa 20g to 5Kg

Search

02AH9092 at **newark.com**

CRCW-HP Pulse Proof, High Power Thick Film Resistor

The CRCW-HP Thick Film Chip Resistors combine high power and pulse proof with double-sided resistive element, automotive qualified, 0402-2512 sizes, 1% and 5% tolerance, from 1Ω thru 1MΩ and 0Ω jumper

Search

68R2985 at **newark.com**

TNPW High Stability Thin Film Chip Resistor

The TNPW thin film resistor is an excellent choice where precision and long term stability is required, offering superior moisture resistance, automotive qualified, sulfur resistant, 0402-1210 sizes

Search

26R4218 at **newark.com**

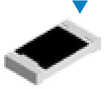
MM_ series Thin Film MELF Resistors

The cylindrical construction of MMU0102, MMA0204 & MMB0207 MELF resistors offer reliability, stability & precision with more resistive area, optimal pulse performance, automotive qualified & sulfur resistant

Search

64K1889 at **newark.com**

AEC-Q200 Qualified CRCW-HP Thick-Film Chip Resistor



Offers engineers up to three times the rated power of standard thick film devices in the same package size, while providing outstanding pulse handling capability

Search

68R2980 at **newark.com**

Green High Voltage Chip Resistors

Completely free of Pb and its compounds, RoHS compliant without exemption featuring anti-sulphur construction with continuous voltages up to 3kV

Search

09AH9488 at **newark.com**

Green Thick-Film Chip Arrays

GBCN is the latest addition to our range of green thick-film resistor products. It is essentially a variant of BCN, designed using green thick film materials which are completely free of Pb (lead) and its compounds

Search

49AH7297 at **newark.com**

ANTENNAS, PASSIVES & SEMIS

UHF RFID Reader Antenna (ISM, LPWA)

Covers the 902 ~ 928 MHz frequency range for RFID, ISM and LPWA applications; Includes MMCX-JW RF connector for easy installation; Suitable for industrial automation and asset management designs

Search

65AC5591 at **newark.com**

External WiFi Antenna for Portable and Network

Covers the 2.4 GHz frequency range for WiFi and ISM applications; Compact size is ideal for flexibility in space-constrained designs; Whip type with connector mount for easy installation

Search

65AC5575 at **newark.com**

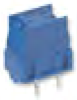
AMPM/AMJM Series MEMS for IIoT Designs

Optimized for low power consumption, including ultra-low power standby capability; Offers wide operating temperature range and shock/vibration resistance to enhance durability

Search

67AC9577 at **newark.com**

B82721K Series Radial Leaded Common Mode Chokes



High resonance frequency featuring a special winding technique. Ideal for suppression of common-mode interference and switch-mode power applications

Search

19M9137 at **newark.com**

Sealed Panel Control Rotary Potentiometers - 3310 Series

A rugged potentiometer in a compact package that saves board and panel space. Withstands typical industrial washing processes

Search

33M2801 at **newark.com**

Browse our large portfolio of 0402 to 2220 size MLCCs

Downsizing might be right for some applications, but others require larger sizes of MLCCs to keep the required electrical performance, volumetric capacitance and DC bias behavior

Search

15AC9339 at **newark.com**

ZMOD4410 Gas Sensor Module for TVOC & Indoor Air Quality

Provides the measurement of total organic compounds (TVOC) concentrations and indoor air quality (IAQ). The module algorithm also estimates carbon dioxide level (eCO2)

Search

26AH6361 at **newark.com**

175˚C Rated Multilayer Varistor

Offer a small, SMT, TVS solution, requiring zero derating of transient current, power, or energy at high temperatures. They can replace large and derated TVS diodes being used in high temp applications

Search

98AC5707 at **newark.com**

High Reliability Supercapacitor

AVX High Reliability SCM series offer extended life of supercapacitors exposed to elevated temperatures and moisture levels

Search

56AC6442 at **newark.com**

COTS+ Tantalum Polymer

AVX TCS series of multianode Tantalum polymers are low ESR and high CV, but offer additional enhanced reliability for applications with long lifetimes

Search

12AC2511 at **newark.com**

High Temperature Tantalum Chip Capacitor with Extension to 200’C

AVX THJ series of 175’C and 200’C Tantalum chip capacitors offer extremely reliable, low ESR, and high CV capacitor solutions ideal for down hole and under hood applications

Search

01X0123 at **newark.com**

TMBS® Rectifiers in SMP Package

3 A rating is the industry’s highest for the SMP package. Low forward voltage drops reduce power losses and improve efficiency. Available in eSMP® series low profile SMP (DO-220AA) packages

Search

75R3245 at **newark.com**

4.5 V to 18 V Input, 20 A microBRICK™ DC/DC Regulator Module

Delivering power density for POL converters, microBRICK SiC931 is the smallest 20 A buck converter module on the market. 4.5 V to 18 V input voltage range & industry-low 1 µA supply current at shutdown

Search

29AH7320 at **newark.com**

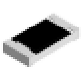
Go thin to win with Vishay IHLP(R) low-profile inductors

Delivers high performance in low-profile cases. Used for energy storage in DC/DC converters and high current filtering. For designs with minimal headroom

Search

80R9889 at **newark.com**

AEC-Q200 qualified CRCW-HP thick film chip resistor



offers engineers up to three times the rated power of standard thick film devices in the same package size, while providing outstanding pulse handling capability

Search

68R2980 at **newark.com**

Your Toughest Challenges
Simply Solved ›

As a leading provider of integrated electronic solutions, our business has always been about solving your toughest challenges. By applying a multi-dimensional approach to product design, development and manufacturing, we help bring your vision to life. No matter your industry — from data communications and consumer electronics to industrial, automotive, commercial vehicle and medical — when you work with Molex you know your challenges will simply be solved.

www.molex.com/simplysolved

molex

Newark
AN AVNET COMPANY

See Our Expanded Line of Switches

Newark carries a wide range of switches — shop our selection from industry-leading manufacturers like Apem, Honeywell, IDEC, Eaton, Omron, ITW Switch, Schneider Electric, Crouzet Switch, and NKK Switches.

See our entire portfolio at newark.com/switches

Anti Vandal Pushbutton Switches

61T7792

Designed for security and reliability in a variety of panel mount industrial and building applications. Our Anti-Vandal switches are available in panel sizes of 16, 19, 22 and 25 mm, and with various pushbutton symbols including Spot, Ring, and Power Logo. Switches are sealed to IP67 and available in single and double pole configurations.

Rocker Switches

15N9114

Rocker switches are commonly used to directly power a device. They're used in surge protectors, display monitors, computer power supplies, and more. With independent circuitry, they can have a light activated on their face in both the on and/or off positions, which allows the switch to be found easily in the dark.

Limit Switches

17C9878

Limit switches are operated by the motion of a machine part or presence of an object. They are used for controlling machinery as part of a control system, as a safety interlocks, or to count objects passing a point in an assembly line or manufacturing process.

Snap Action Switches

73K2467

An electric switch that is actuated by very little physical force, through the use of a tipping-point mechanism. The Switches are designed for accuracy, repeatability and enhanced product life. They are small size and light weight and combined with ample electrical capacity, precision operation, and extended life.

Joysticks

84R1055

An input device consisting of a stick that pivots on a base and reports its angle or direction to the device it is controlling. The input device is mostly used for gaming applications and sometimes in graphics applications. A joystick also can be helpful as an input device for people with movement disabilities.

Toggle Switches

11M1830

Toggle switches are either lever-type or rocker-type electrical switches with two or three switch positions. A 2-way switch has on-off positions and a 3-way switch has on-off-on positions. Newark also stocks a variety of toggle switch covers and enclosures for protection & security.

Our switch selection is tough to beat!

- Anti Vandal Switches
- DIP Switches & SIP Switches
- Electronic Switches
- Emergency Stop Switches / E Stop
- Joystick Switches
- Key - Keylock Operated Switches
- Keypads
- Limit Switches & Detector Switches
- Microswitch Snap Action Switches
- Navigation Switches
- Pushbutton Switches
- Reed Switches & Magnetic Switches
- Rocker Switches
- Rotary Switches
- Safety Interlock Switches
- Slide Switches
- Switch Accessories & Switch Assortment
- Switch Components
- Switch Development Kits
- Tactile Switches
- Thumbwheel Switches
- Toggle Switches
- Touch Buttons
- Wireless Command

See Our Expanded Line of Relays

We also stock a large variety of relays and related components including those for use in computer, automotive, telecommunication, military and aerospace, medical, instrumentation, industrial, alternative energy and consumer market segments.

See our entire portfolio at newark.com/relays

General Purpose

17M0190

General purpose relays are applied mainly in industrial and power automation systems, in signaling and protection systems, and in other control and electric drive systems. They are also suitable for more common controlling applications like building automation or HVAC systems.

MOSFET Relays

29Y9191

MOSFET relay offers superior performance to an electromechanical relay in many applications. It is a solid-state device that replaces a coil-activated mechanical switch with an optically isolated input stage driving a MOSFET.

Solid State Relays

17M6663

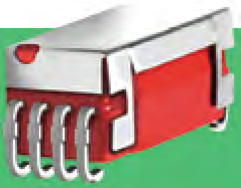
Solid State Relays are semiconductor equivalents of the electromechanical relay and can be used to control electrical loads without the use of moving parts. They may be designed to switch either AC or DC to the load.

Contactors

92F5940

A contactor is an electrically-controlled switch used for switching an electrical power circuit. A contactoris typically controlled by a circuit which has a much lower power level than the switched circuit, such as a 24-volt coil electromagnet controlling a 230-volt motor switch.

Reed Relays



46M4523

A reed relay uses an electromagnet to control one or more reed switches. The contacts are of magnetic material and the electromagnet acts directly on them without requiring an armature to move them. Sealed in a long, narrow glass tube, the contacts are protected from corrosion.

Time Delay Relay

48F5942

Their purpose is to control an event based on time. The difference between relays and time delay relays is when the output contacts open & close: on a control relay, it happens when voltage is applied and removed from the coil; on time delay relays, the contacts can open or close before or after some time delay.

Our relay portfolio is second to none!

- Automotive Relays
- Current Monitoring Relays
- Ground Fault Monitoring Relays
- Mercury Displacement Relays
- Multi Voltage Relays
- Phase Monitoring Relays
- Power Relays
- Reed Relays
- Relay Accessories
- Relay Kits
- Safety Relays
- Signal Relays
- Solid State Relays & Contactors
- Time Delay Relays - Electromechanical
- Voltage Monitoring Relays

Best-Sellers, New Products, Top Suppliers!

Infineon

Infineon Technologies AG is a world leader in semiconductor solutions with a focus on Energy Efficiency, Mobility, Security and IoT & Big Data.

RENESAS

Renesas Electronics Corporation delivers trusted embedded design innovation with complete semiconductor solutions for a broad range of Automotive, Industrial, Home Electronics, Office Automation and Information Communication Technology applications.

POWER INTEGRATIONS

Power Integrations, Inc. is a leading innovator in semiconductor technologies for high-voltage power conversion. The company's products are key building blocks in the clean-power ecosystem.

ON Semiconductor® ON

ON Semiconductor is a leading supplier of semiconductor-based solutions to unique design challenges in automotive, communications, computing, consumer, industrial, medical, aerospace and defense applications.

ST life.augmented

Offering one of the industry's broadest product portfolios, ST serves customers across the spectrum of electronics applications with innovative semiconductor solutions for Smart Driving and the Internet of Things.

NXP

NXP enables secure connections and infrastructure for a smarter world, advancing solutions that make lives easier, better and safer. As the world leader in secure connectivity solutions for embedded applications, NXP is the ideal choice for your newest designs.

maxim integrated™

Maxim Integrated develops innovative analog and mixed-signal products and technologies to make systems smaller and smarter, with enhanced security and increased energy efficiency.

NORDIC® SEMICONDUCTOR

The future of electronics is wireless and portable due to an almost insatiable consumer demand for ever greater levels of freedom and flexibility. Nordic Semiconductor is playing a key role in the realization of that future.

SILICON LABS

Silicon Labs is the leader in silicon, software and solutions for a smarter, more connected world. Explore the devices, software and tools that provide comprehensive solutions to develop products that transform industries and improve lives.

FTDI Chip

Offering a wide range of products including modules, cables, and integrated circuits for USB connectivity, super bridging MCUs and display systems. FTDI Chip strives to bridge multiple technologies and supports this strategy with feature-rich products that include technical documentation, application/software examples, and royalty free drivers.

MICROCHIP

Leading provider of Semiconductor products servicing thousands of diverse customer applications worldwide. Key products include: microcontrollers, Serial EEPROM devices, Serial SRAM devices, embedded security devices, radio frequency (RF) devices, thermal, power and battery management analog devices, as well as linear, interface and wireless solutions.

CYPRESS EMBEDDED IN TOMORROW™

Cypress targets markets that are growing faster than the overall semiconductor industry, including innovative segments in the automotive, industrial, home automation and appliances, medical products and consumer electronics businesses.

XILINX.

Global leader providing all-programmable devices suitable for a wide variety of applications and markets ranging from Machine Learning, 5G Wireless, Cloud Computing, Industrial IoT, Aerospace & Defense, Automotive and Consumer Electronics.

Adesto

Flagship memory solutions optimized for the energy, data and security demands of IoT devices designed for the industrial, consumer, medical and communications markets.

DELKIN DEVICES

World class industrial storage solutions for the aerospace, military, telecommunications, industrial, medical, gaming and automotive industries, as well as diverse OEM embedded systems applications.

Air movement experts.

Delivering optimal and reliable performance in the harshest conditions.

ebm-papst's IP68 rated fans range in size from 60 mm to 190 mm and are ideal for applications with extreme environmental challenges. Complete encapsulation of the motor blocks any particles of water or dust from penetrating the electronics while also protecting the user from potentially harmful contact. Additional protection classes for other voltages and sizes are available upon request:

sales@us.ebmpapst.com
See more ebm-papst fans at **newark.com/ebm-papst**

ebmpapst

the engineer's choice

HAMMOND
MANUFACTURING®

HUNDREDS OF INDUSTRIES
THOUSANDS OF MODELS IN STOCK
UNLIMITED
APPLICATIONS

www.newark.com/hammond