

# RS PRO – The Smart Choice For All Your Industrial & Electronics Requirements



[www.rsonline.co.za](http://www.rsonline.co.za) / [www.rsonline.africa](http://www.rsonline.africa)

RS keeps expanding its own range, bringing you more choice in great value, quality products.



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### Join the conversation



### Terms & Conditions

To view our latest prices, charges and full terms see RS Conditions of Sale as set out online at [www.rsonline.co.za](http://www.rsonline.co.za) / [www.rsonline.africa](http://www.rsonline.africa).

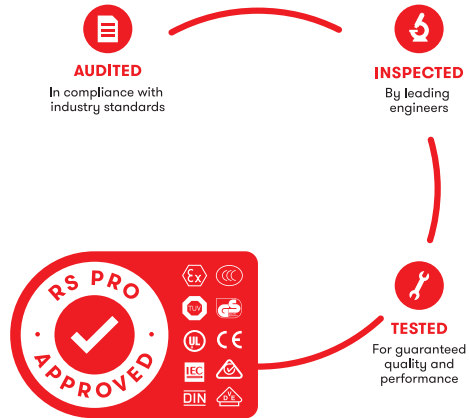
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An RS Group Company.

## More Products, More Choice

Our RS PRO range continues to grow which provides you, our valued customer with even more choice in quality products that have a high level of stock availability.

## The RS PRO Seal of Approval – a Sure Sign of Quality



RS PRO products are audited and certified against demanding international standards, inspected for durability and consistency and tested by leading engineers. Only when products have been through this process are they awarded our seal of approval, quality that can be trusted. Confidence in this process is reflected in our enhanced product warranties, proof that our products will consistently deliver the performance you expect for a long time to come.

## QUALITY

We rigorously test every part against demanding industry standards.



## VALUE

We price our products competitively.



## CHOICE

We continuously expand our range.





# HOW HOT, HOW LOUD, HOW SMALL?

The RS PRO test  
and measurement  
range has all the  
answers you need.

[www.rsonline.co.za](http://www.rsonline.co.za) / [www.rsonline.africa](http://www.rsonline.africa)



## Mixed Domain Scopes

- Offers up to 1GSa/s sample rate, and 10M memory depth per channel
- With 8" WVGA TFT LCD, and includes spectrum analysis and a dual channel 25MHz AWG functions
- Versions available with DMM and PSU, full details online



**180-4797** 100MHz 2 Channel

**180-4798** 100MHz 4 Channel

**180-4799** 200MHz 2 Channel

**180-4800** 200MHz 4 Channel

**180-4801** 100MHz 2 Channel with DMM and power supply

**180-4802** 100MHz 4 Channel with DMM and power supply

**180-4803** 200MHz 2 Channel with DMM and power supply

**180-4804** 200MHz 4 Channel with DMM and power supply

## USB Dataloggers

- Stores over 16,000 readings (Vdc version is 32,000)
- Temperature (and Humidity) versions are IP67
- User settable logging rates and alarms



**179-9536** Temperature & Humidity -35 to +80 C

**179-9535** Temperature -35 to +80°C

**179-9537** Voltage 0-30Vdc (screw terminals)

## Thermal Imaging Camera

- Easy to use 3.5" LCD capacitive touch screen, 320 x 240 pixels with IR sensor resolution 160 x 120 pixels
- A number of image modes such as IR image, visual image, picture in picture and image fusion
- Storage of videos, plus IR and visual images via SD card



**179-9511** RS-9875

## Digital Pressure Meters

- Designed for single handed operation with features required for routine maintenance and system troubleshooting
- 14 pressure units
- Rugged, lightweight hand held design



**146-7717** Differential, 70mbar

**146-7718** Differential, 350mbar

**146-7719** Differential, 1bar

**146-7722** Meter Gauge, 20bar

**146-7723** Meter Absolute, 700bar

## Current Loop Calibrator

- Measures mAdc and Vdc, and sources mAdc, Vdc, frequency
- Auto step and auto ramp for sourcing mA, V
- Measures temperature (°C, °F) of 11 types of thermocouples



**174-9557**

## Digital Power Meter

- 4" TFT LCD, with two data display modes allowing for high levels of detail or more simple summary of key parameters
- Meets the requirements of IEC 62301 Power Measurement
- Front panel test terminal, plus RS-232C, USB Device, LAN interfaces on rear



**180-4805**

## Digital / Programmable Bench PSUs

- Single output with constant current & constant voltage
- 10mV / 1mA high accuracy and resolution with low noise and ripple
- Programmable versions can be programmed by USB or RS232



**175-7367** 0-30V, 0-5A Programmable

**175-7368** 0-30V, 0-5A

**175-7366** 0-60V, 0-5A

**175-7365** 0-60V, 0-5A Programmable

## Desktop Spectrum Analyser

- All-Digital IF (Intermediate Frequency) technology for higher measurement accuracy and frequency resolution
- -161 dBm/Hz DANL (displayed average noise level)
- -DANL is the measurement used to define the sensitivity of a spectrum analyzer
- Standard Preamplifier
- 10.1-inch WVGA (Wide VGA) 1024x600 display



**123-6443** RSSA3021X

## Ultra-Compact USB Oscilloscope

- 20MHz bandwidth, 2 input channels: 200 MS/s real-time & 4 GS/s equivalent-time sampling rate
- Scope features serial protocol decoding, mask limit testing plus math channels and filters, advanced digital triggering and persistence display mode
- Spectrum analyser, function generator and arbitrary waveform generator



**163-2719**

## Fanless Multi-Range D.C. Power Supplies

- Constant power output for fivefold multi-range (V&I) operation, with CV, CC priority modes
- Protection: OVP, OCP, AC FAIL and OTP
- Front panel and rear panel outputs plus built-in USB and RS-232/485 Interface and optional LAN+GPIB



**180-4806** RSFR-100L - 50V / 2A, 10V / 10A

**180-4807** RSFR-100L+(LAN/GPIB)

**180-4808** RSFR-100M - 250V / 0.4A, 50V / 2A

**180-4809** RSFR-100M+(LAN/GPIB)

## Single Channel Electronic Load

- Features 4 working modes CV (constant voltage), CC (constant current), CR (constant resistance), CW (continuous wave)
- Ideal for testing a range of power supplies, ensuring they meet standard safety and compliance standards
- Features a clear and user friendly interface, allowing you to clearly navigate the device with USB, RS232 & LAN capabilities



**180-8788** 0-18V / 0-120V, 0-3A / 0-30A, 300W

## Passive Scope Probes

- Maximum input voltage 400Vrms (10:1) measuring category two
- Cable length 1.3m
- 2.5mm probes also available



**179-9560** 100MHz 10:1

**179-9559** 150MHz 10:1

**179-9558** 350MHz 10:1

**179-9556** 350MHz 10:1 / 1:1

**179-9557** 500MHz 10:1

## Thermal Imaging Multimeter

- 2.8" TFT LCD colour display screen for displaying clear and accurate results
- Built-in thermal imager with 80 x 80 sensor and 50Hz refresh rate
- True RMS multimeter with a wide range of measurement functions



179-9512

## High-Voltage Non-contact Indicator

- Safely detect the presence of AC voltage in cables, wires, wall sockets fuses and junction boxes
- Features a built in torch for confined spaces, a clip for pockets, IP67 sealed and a contoured grip
- Detection of AC Voltage 200Vac to 1000Vac, 12V to 1000Vac - Safety Compliance: CAT IV-1000 V



136-5675

## RS700 Thermal Imaging Camera

- Easy to use thermal camera for fast and efficient thermal imaging using infrared technology
- Ideal for electrical and construction in both work and inspections, this thermal camera can detect leaks in pipes, and provides data about a buildings energy efficiency and any defects
- 2.8" LCD, 240 x 320 pixels



136-5667

## Video Inspection Camera Kit

- Waterproof video boroscope for inspecting hard to reach and hard to see areas and equipment
- 1/9in VGA CMOS sensor with 640 x 480 pixel resolution
- Flexible gooseneck with lens outer diameter 8mm



847-8947

## Single Input Digital Thermometer

- Single input K-Type thermocouple thermometer with easy to use, precise display count of up to 1999
- Type K bead thermocouple supplied, but can be used with any Type K probe
- Reading hold function and choice of °C or °F display



123-3215

## Insulation & Continuity Tester

- Great value digital insulation tester in a compact and lightweight design
- Triple insulation voltage Test Ranges: 200 MΩ/250 V; 200 MΩ/500 V; 2000
- 200mA short current continuity range
- Test Hold function for easy operation
- Over range indication
- 1 mA test current for MΩ range at rated voltage
- Meets IEC 10101, CAT III 1000 V



123-1931

## RS14 Digital Multimeter

- A great handheld tool to measure capacitance, voltage, electrical current and resistance with diode and continuity check
- Built-in non-contact AC voltage detection
- Digital 2000 count LCD display
- EN61010-1 CAT III 600V
- Includes integral test leads, 29V battery, type K temperature probe and a user manual



123-1938

## Linear Bench Power Supply

- Lightweight, feature-packed programmable linear DC power supply with an LED display screen
- 3 independent high precision outputs, total 220 W power
- 4 digits voltage and 3 digits current display, minimum resolution 10 mV, 10 mA
- 100 V/120 V/220 V/230 V compatible design, to meet the needs of various power grids



123-6467

## Infrared Thermometer

- Pocket-sized, easy-to-use pistol grip IR thermometer
- Built-in laser to assist in sighting the sensor - does not rely on physical contact
- Backlight function which can be turned on to assist measurements made in dark places
- Data memory (50 measurements) and read function
- Dimensions 172 x 118 x 46 mm
- Weight 220 g



123-2216

## Endoscope

- Detailed visual inspection in hard-to-reach areas, even in total darkness or under water
- Lightweight handheld device
- Wireless solution lets you record or view images & videos wirelessly with detachable monitor



913-1560

## General Maintenance Bundle

- Includes RS14 multimeter, RS380 clamp meter and RS42 thermometer
- Save over 30% versus the cost of buying them individually
- Great value bundle providing lots of measurement functions for day-to-day tasks



144-6601

## 230V Voltage Indicator

- Non-contact device determines the presence of 50Hz ac voltages
- Nylon tip glows red when a voltage is detected
- Ideal for fault-finding on electrical circuits



214-467





# ENCLOSURES THAT HAVE YOU COVERED

All of our enclosures  
are covered by our  
Seal of Approval, so  
you can trust they will  
work to the standards  
you expect.



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# RS PRO ENCLOSURES

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## DESKTOP ENCLOSURES



- ABS

## DIN RAIL ENCLOSURES



- Polycarbonate
- ABS

## HAND HELD ENCLOSURES



- ABS
- Polystyrene

## INSTRUMENT CASES



- ABS
- Aluminium
- Anodised Aluminium
- Cold Rolled Steel
- Noryl
- Plastic
- Steel

## 19" RACK & TRANSIT CASES



- Rack Cable Management
- Rack Fitting Cases & Enclosures
- Rack Mounting Hardware
- Rack Panels
- Rackmount Enclosures
- Rackmount Transit
- Cases
- Server Cabinet Accessories
- Server Cabinets
- Server Rack Drawers
- Server Rack Shelves
- Server Racks
- Subracks

## GENERAL PURPOSE ENCLOSURES



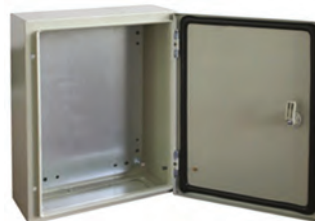
- ABS
- Aluminium
- Aluminium Alloy
- Cold Rolled Steel
- Fibreglass
- PET
- Polycarbonate
- Polyester

## PUSHBUTTON ENCLOSURES



- Aluminium
- Plastic
- Stainless Steel

## WALL BOXES



- ABS
- Glass Reinforced Plastic
- Steel
- 304 Stainless Steel
- 316 Stainless Steel

## ABS Enclosures

- Hermetically sealed enclosures offering an airtight enclosure suitable for protecting electrical parts and components
- They use durable ABS plastic, a silicone gasket for an airtight hermetic seal, brass inserts and screws for an easy and secure installation
- Offer IP67 rating and an IK09 rating



**186-2268** 70 x 50 x 36.75mm

**186-2254** 89.35 x 74.5 x 41mm

**186-2256** 118.15 x 78.35 x 54.6mm

**186-2258** 158.15 x 82.2 x 54.9mm

**186-2260** 125.3 x 115.4 x 58.05mm

**186-2262** 176.8 x 125.95 x 56.65mm

## Compact IP67 Enclosures with Clear Lid

- Durable, airtight and chemical resistant enclosures offering IP67 protection for electrical or electronic assemblies
- Clear lid made with a durable polycarbonate plastic, base made with ABS plastic



**186-2283** 134.75 x 134.75 x 60.1mm

**186-2286** 149.85 x 149.85 x 60mm

**186-2277** 105 x 105 x 60.1mm

**186-2280** 119.8 x 119.8 x 60.1mm

**186-2279** 119.8 x 119.8 x 60.1mm

**186-2285** 149.85 x 149.85 x 60mm

## Compact IP68 Enclosures

- Compact 105x70x40mm ABS and Polycarbonate boxes offering IP68 protection for the toughest of environments
- Choice of grey or clear lid, with or without mounting flange



**192-0727** Flanged, clear lid

**192-0723** Clear lid

**192-0726** Flanged grey lid

**192-0722** Grey lid

## Modular DIN Rail Enclosure

- TS35 DIN rail mounting ABS plastic enclosures with the option of either open slots or closed slots with knock-outs
- Open slots versions are supplied with blanking plates for maximum flexibility
- Raised posts internally aid the mounting of PCBs or other electronics



**186-2292** 17.5mm, 1 module width - open slot

**186-2290** 34.4mm, 2 module width - open slot

**186-2289** 53.4mm, 3 module width - open slot

**186-2287** 69.7mm, 4 module width - open slot

**186-2288** 107mm, 6 module width - open slot

**186-2293** 35.2mm, 2 module width - closed slot

**186-2294** 52.5mm, 3 module width - closed slot

**186-2295** 70mm, 4 module width - closed slot

**186-2296** 87.5mm, 5 module width - closed slot

## Aluminium Heat Sink Case

- Durable aluminium IP40 enclosures with heatsink side panel made from premium grade aluminium alloy to AL 5052 a& extrusion: AA 6063
- Multiple sizes suitable for a wide range of electronics & instrument applications
- Fully assembled and black powder coat standard colour



**188-1255** 1.0-200W - 200x200x41mm

**188-1264** 2.0-200W - 200x200x86mm

**188-1273** 3.0-200W - 200x200x130mm

**188-1283** 4.0-200W - 200x200x175mm

**188-1289** 5.0-200W - 200x200x219mm

**188-1295** 6.0-200W - 200x200x264mm

## ATEX Certified Junction Boxes

- GRP (Glass Reinforced Polyester) junction boxes with both ATEX and IECEx approvals and IP66 sealed against ingress from dust, debris and liquids
- Suitable for use in potentially explosive atmospheres found in the food, petrochemical and mining industries
- Hard wearing with -60°C to +110°C temperature range, Stainless steel screws and silicone gasket seal



**190-1866** 110x75x75mm

**190-1867** 190x75x75mm

**190-186** 400x250x160mm

**190-1871** 600x250x121mm

**190-1872** 600x250x161mm

**190-1865** 80x75x75mm



# WE'VE GOT IT IN HAND

The RS PRO range of  
hand tools.

Everything you need  
to get the job done.



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# RS PRO HAND TOOLS

## CLAMPS & VICES



- Clamp & Vice Accessories
- Clamps
- V Blocks
- Vices

## CONNECTOR & CRIMPING TOOLS



- Cable Sleeving Tools
- Cable Tie Guns
- Connector Tool Kits
- Connector Wrenches
- Crimp Tool Positioners, Turrets & Locators
- Crimp Tools
- Crimping Dies
- IDC Tools
- Insertion & Extraction Tools

## SANDING, FILING & POLISHING



- Abrasive Pencils
- Deburring Tools
- Diamond Pastes
- Files
- Honing Steels
- Polishing & Finishing Accessories
- Polishing Bobs
- Polishing Compounds
- Polishing Kits
- Polishing Pigtails
- Polishing Rolls
- Sanding Blocks
- Sanding Pads
- Sandpaper
- Sharpening Stones
- Wire Wool

## SCREWDRIVERS & HEX KEYS



- Hex Keys
- Ratchet Screwdrivers
- Screw Extractors
- Screw Starters
- Screwdriver Bit Sets
- Screwdriver Bits
- Screwdrivers
- Torque Screwdrivers
- Torx Keys

## HAMMERS & DEMOLITION



- Axes
- Chisels
- Crow Bars
- Hammers
- Mallets
- Wedges

## KNIVES, SCISSORS & SAWS



- Hand Saw Blades
- Hand Saws
- Knife Blades
- Pocket Knives & Multi-tools
- Putty Knives
- Rotary Cutters
- Safety Knives
- Scalpels & Craft Knives
- Scissors
- Scrapers
- Trimmer Tools

## SPANNERS, SOCKETS & WRENCHES



- Breaker Bars
- Impact Sockets
- Nut Drivers
- Nut Splitters
- Ratchet Handles
- Socket Accessories
- Socket Sets
- Sockets
- Spanner Components & Accessories
- Spanner Sets
- Spanners
- Torque Wrenches
- Wrenches

## SPECIALIST TOOLS



- Drain Rods
- Hand Drills
- Hand Planers
- Magnetisers
- Pick Up Tools
- Pipe Benders
- Shovels & Spades
- Spring Hooks
- Trowels
- Tweezers
- Tyre Tools
- Vehicle Test Kits

## MEASURING & MARKING



- Chalk Lines & Refills
- Combination Squares
- Engineers Squares
- Laser Level Accessories
- Laser Levels
- Laser Measures
- Number & Letter Punch Sets
- Punches
- Rulers
- Scribers
- Spirit Levels & Inclinometers
- Tape Measures

## PLIERS & CUTTERS



- Cable Knives
- Bolt Cutters
- Cutters
- Pincers
- Pipe Cutters
- Plier Accessories
- Pliers
- Tin Snips
- Wire Stripper Accessories
- Wire Strippers

## STAPLERS & RIVETERS



- Rivet Guns
- Staple Guns
- Threaded Insert Tools

## TOOL KITS & TOOL STORAGE



- Tool Bags
- Tool Balancers
- Tool Belts & Tool Pouches
- Tool Box Accessories
- Tool Boxes
- Tool Chests & Tool Cabinets
- Tool Kits
- Tool Racks
- Tool Rolls
- Tool Trays
- Tool Wallets



## Create Your Own Tool Kit

- The RS PRO range offers you Choice, Quality and Value
- We've launched individual tools and tool bags to give you more choice and allow you to create a bespoke tool kit to suit your needs
- Highlighted below are just some of our new items, visit our website to see the full range
- And, all come with our 3 year warranty as standard



## Component Parts

- 146-7310** Needle file set
- 192-3672** Anti-static alignment kit
- 192-3677** Brush
- 146-3876** Cable cutter
- 176-3418** Cable stripper
- 875-5770** Combination pliers
- 176-3439** Desoldering pump
- 875-5795** Diagonal cutters
- 182-9794** Diagonal cutters
- 182-9796** End cutter
- 161-1472** File
- 192-3684** File set 5-piece
- 183-5226** Glass fibre pencil
- 192-3682** Hammer
- 192-3727** Hex key set
- 192-3724** Hex key set
- 192-3679** Inspection mirror
- 176-3427** Jeweller's screwdriver set
- 176-3425** Knife
- 875-5809** Long nose pliers
- 542-3458** Magnetic Pick Up Tool
- 192-3671** Magnifier
- 182-9801** Mini hacksaw
- 176-3426** Multi purpose cutters
- 182-9797** Needle nose pliers

## 83-Piece Engineers Tool Kit

- Tool kit specially designed for engineers but also contains handy tools that are ideal for servicing, repair and maintenance applications
- Replacement parts can now be purchased separately if a tool is lost



**136-3410**

## Component Parts

- 176-3423** Screwdriver Ph1 & Ph2 off set
- 182-9703** Screwdriver Pz0
- 182-9704** Screwdriver Pz1
- 182-9705** Screwdriver Pz2
- 182-9660** Screwdriver slotted 3mm
- 176-3414** Screwdriver slotted 4.5mm gripping
- 182-9663** Screwdriver slotted 4mm
- 176-3422** Screwdriver slotted 4mm off set
- 182-9666** Screwdriver slotted 5.5mm
- 182-9669** Screwdriver slotted 5.5mm long
- 182-9670** Screwdriver slotted 6.5mm
- 176-3413** Screwdriver slotted 6mm gripping
- 176-3407** Screwdriver terminal 3mm
- 192-3670** Solder
- 176-3428** Soldering aid kit
- 192-3719** Spanner 5 x 5.5mm
- 192-3720** Spanner 6 x 7mm
- 192-3721** Spanner 8 x 10mm
- 192-3722** Spanner adjustable
- 848-7613** Tape measure
- 125-3049** Tool case
- 192-3654** Tweezers
- 182-9774** Voltage test screwdriver
- 778-2620** Soldering iron
- 182-9972** Wire stripping pliers

## L Shaped Hex Key Set - 15 pieces

- 15 piece ballpoint L wrench set with an excellent variety of key sizes
- Ball-Plus™ hex keys permit an entry angle up to 25° to work in hard-to-reach areas
- Heat treated, tempered alloy steel provides high strength and resistance to rotational distortion
- All hex keys are precision formed to exact dimensional tolerances for precise fit



542-3509

## 94-Piece Mechanics Tool Kit

- Great value, industrial quality tool kit comprising 1/2" and 1/4" socket sets, screwdrivers, bit set and spanner set
- Stored in a sturdy lockable case
- For full contents visit our website



734-8889

## 12 Piece Ratcheting Spanner Set

- Ratcheting box wrenches require only 6° arc
- Meets ANSI, DIN & BS torque specifications
- 72 teeth ratcheting box head



487-280

## Hex Ball Driver Set

- Heat treated, tempered 9 piece set with an excellent variety of key sizes from 1.5mm to 10mm
- Ball-Plus™ hex keys permit an entry angle up to 25° to work in hard-to-reach areas
- Longer length keys for extra leverage and extended reach



542-3515

## 10-Piece Combination Spanner Set

- Manufactured from high-quality carbon steel
- General purpose, twin ended spanner set
- Supplied in compartmental vinyl storage roll



184-8033 4-11 mm

## Combined Tap and Drill Set

- Complete hole drilling, tapping, deburring and countersinking in one operation
- Contains M3,4,5,6,8 & 10 taps plus Ph2 and flat screwdriving bit



180-7091

## Diamond File Kit

- 160mm diamond file kit featuring an ergonomic handle and six different diamond needle files to suit a variety of applications
- Coated diamond grit provides a clean and precise sharpening on each push and pull stroke
- Perfect for use on harder materials such as carbide, glass, and key steel



**146-7311**

## 9-Piece Extra Long Arm Hex Key Set

- Extra-long arm allows more reach and greater torque
- Ball hex ends allow up to 25-degree entry angle to reach around obstructions
- Set contains: 1.5, 2, 2.5, 3, 4, 5, 6, 8 and 10mm sizes



**144-7564**

## Automatic Wire Stripper

- Automatic wire adjusting for ease of use
- Ideal for use with common stranded and solid cable
- Durable design with ergonomic grip for enhanced comfort and grip



**176-3400**

## Stainless Steel Tweezer Set

- Designed for intricate work in the electronics industry
- Anti-acid and anti-magnetic
- Set contains: bent, curved, grooved and precision tweezers



**136-9882**

## 4-Piece Circlip Plier Set

- Perfect for fitting and removing internal or external circlips
- Set includes straight tip and bent tip pliers to accommodate a range of tasks
- Invisible spring mechanism that assists with gripping circlips



**182-9982**

## 240-Piece Maintenance Tool Trolley

- Great value tool kit packed with screwdrivers, pliers, wrenches, spanners, cutters and much more
- 7 drawer cabinet made from premium quality steel with a scratch proof powder coated finish fitted with a brake
- Replacement tools and modules available, visit our website for more details



125-3046

## 26-Piece 1/2" Drive Socket Set

- Professional socket set manufactured from chrome vanadium steel
- Contains 8-32mm sockets, ratchet, spark plug socket, t-bar and much more
- Housed in a solid case case



817-9230

## Hard Bottomed Tool Bags

- Made from tough waterproof polyester with a zip closure
- Padded shoulder strap provides additional comfort when carrying
- Has multiple pockets to carry smaller items



788-7205 12"

## Copper and Hide Hammer

- Malleable iron head fitted with one face of pure copper and the other of highly compressed Buffalo rawhide with an oval ash handle
- The copper face gives a safe but high-impact blow, the rawhide face a firm yet more resilient blow that will not mark finished work
- Suitable for use as a dual purpose hammer in manufacturing, service and assembly industries



732-533

## Multi-Purpose Cabinet Key

- A handy, durable tool designed for use with a wide range of applications including locking systems and valves
- Features four arm positions for five different drive possibilities, providing a versatile and high quality tool
- Manufactured from zinc alloy, offering excellent durability and corrosion resistance



439-3025

## Metric Thread Repair Kit

- Repairs stripped or damaged threads
- Suitable for M5 - M12 threads



917-2491

### 170-Piece Jobber Drill Set

- High-speed steel titanium coated drill set supplied in a red metal case with a handle and two locks
- Contains sizes 1.0 to 10mm in 0.5mm increments, making it perfect for many workshop applications



**507-1732**

### Straight Tin Snips

- Hardwearing shears with wire cutting notch. The hardwearing design and serrated edge are ideal for textile, kitchen and gardening applications
- Stainless Steel blade for excellent strength and corrosion protection
- Safety lock to avoid unintentional jaw opening
- Soft comfortable Thermoplastic Rubber handle



**829-6482** 2.5mm Soft Wire

### Wall Mount Tool Panels & Accessories

- A range offering a choice of plastic or metal flexible storage solutions
- Panels join horizontally or vertically to maximise use of wall space
- Examples shown are metal, full range is available on the RS website
- Excludes tools



**178-3336** Panel 595mm x 400mm (Pack of 2)

**178-3332** Spanners accessory (Pack of 4)

**178-3334** Steel shelf (Pack of 4)

**178-3338** Wire hooks for individual tools (pack of 6)

**178-3345** Tool storage accessory 540mm (Pack of 4)

**178-3319** Tool storage accessory 270mm (Pack of 4)

### Safety Knife

- Self retracting safety feature to prevent injury and damage
- Ergonomic handle for enhanced comfort and control
- Safe and secure mechanism for changing blades



**176-3425**

### 3 Piece Steel Plier Set

- This exceptional plier set from RS PRO consists of three high-quality pieces all manufactured from Molybdenum Steel
- The plier set consists of: 180 mm Hi-Leverage Combination Pliers, 160 mm Heavy Duty Side Cutters, 200 mm Long Nose Pliers



**623-6407**

### 213 Piece Engineers Trolley Tool Kit

- Packed with 213 pieces of the most essential hand tools
- Neatly organised in EVA modules for excellent protection and tool storage
- Replacement tools available individually



**125-3047**



# FAIL SAFE. OUR RANGE OF PPE.

With reliability a  
priority, you can  
depend on the RS PRO  
range of PPE.



[www.rsonline.co.za](http://www.rsonline.co.za) / [www.rsonline.africa](http://www.rsonline.africa)



## Headband Ear Defenders

- Great value, general use ear defenders in highly visible red finish
- Designed to be lightweight and comfortable for prolonged wear
- CE marked and conform to EN 352-1



**171-6812** 22dB

## Safety Spectacle

- A range of safety spectacles with a simple but winning design
- Offering 99% UV protection
- Anti-scratch coating for added durability
- CE Certified to EN166, EN170, EN172 (Black lense)



**184-5936** Visitor Safety Spectacles

**184-5939** Classic Eye Spectacle

**184-5940** Pan View Spectacle Clear

**184-5941** Pan View Spectacle Black

## Disposable Coverall

- Popular disposable coverall used widely across many industries
- Designed with elasticated stitching around the hood, leg, sleeve hems and waist for a great fit
- Lightweight and comfortable



**184-6032** PP40GM White Coverall S

**184-6033** PP40GM White Coverall M

**184-6034** PP40GM White Coverall L

**184-6035** PP40GM White Coverall XL

**184-6036** PP40GM White Coverall 2XL

## High Visibility Waistcoat

- Reflective tape across the chest and waist, hook and loop front closure
- 100% Polyester
- Generous fit and lightweight for free movement
- CE Certified, EN ISO 20471



**184-5967** Orange S/M

**184-5968** Orange L/XL

**184-5969** Orange 2XL/3XL

**123-4316** Yellow S

**123-4317** Yellow M

**123-4318** Yellow L

**123-4319** Yellow XL

**123-4320** Yellow XXL

## Cut 5 PU Gloves

- Premium quality work glove with latex palm dipped 10 gauge providing excellent grip in wet and dry conditions
- Open back glove for ventilation with 100% breathable seamless liner
- Additional glass fibre in the material to increase the cut resistance
- CE certified, EN 388:2016 Rating (4.X.4.3.C), EN 407 Rating (X.1.X.X.X.X)



**184-6013** Cut 5 PU Glove S

**184-6014** Cut 5 PU Glove M

**184-6015** Cut 5 PU Glove L

**184-6016** Cut 5 PU Glove XL

**184-6017** Cut 5 PU Glove XXL

## Rigger Work Gloves

- High-quality rigger gloves to provide outstanding hand protection in any heavy-duty applications
- Made from high quality cow split leather and cotton for ultimate protection and comfort, with long lasting durability
- Suitable for wearing over disposable work gloves for additional protection
- CE certified EN388:2016 - (3.2.2.3.X) EN420 Abrasion Resistance Level 2 Cut Resistance Level 2 Tear Resistance Level 3 Puncture Resistance Level 3



**184-8055** Rigger Glove

## Long Peaked Bump Cap

- High quality bump caps with a long peak of 7cm for protection from minor scrapes and bumps
- high-profile ABS shell acts as a shock absorber and comes with a soft padded EVA foam crown
- Meets EN812 safety standards
- CE Certified, EN 812



**184-5947** Bump Cap Navy

**184-5948** Bump Cap Black

## Powder-Free Nitrile Disposable Gloves

- Great value, high-quality disposable gloves offering strength, durability and barrier protection
- Made from nitrile synthetic rubber with a powder free coating on the inner surface
- 100 gloves per box
- CE Food Safe, EN 455 part 1&2, EN ISO 374-1:2016 Type C



**184-6038** Powder Free Nitrile Gloves Blue S

**184-6039** Powder Free Nitrile Gloves Blue M

**184-6040** Powder Free Nitrile Gloves Blue L

**184-6041** Powder Free Nitrile Gloves Blue XL

**184-6044** Powder Free Nitrile Gloves Black M

**184-6045** Powder Free Nitrile Gloves Black L

**184-6046** Powder Free Nitrile Gloves Black XL

## Safety Rated Limit Switches

- Limit switches with fully safety rated snap-action contacts
- Housed in robust glass fibre reinforced plastic bodies with M20 threaded gland entry
- IP67 sealed and UL/CSA/CE certified



**179-7568** Pin Plunger

**179-7567** Roller Plunger

**179-7566** Roller Arm Lever

**179-7569** Adjustable Roller Lever

**179-7570** Roller Lever

**179-7565** Cat Whisker

## Electric Linear Actuators

- The LD3 series feature compact design, high push/pull force (500N max.) and 4+ mm/sec no load operating speed
- Ideal for applications where frequent linear actuator is required - can be used with controller or PLC with PWM/Motor control
- Offers 25% duty cycle, <70dB noise level and Certified:EN 55014-1 & EN55014-2



**177-4498** 12Vdc, 50mm stroke

**177-4495** 24Vdc, 50mm stroke

**177-4503** 12Vdc, 100mm stroke

**177-4490** 24Vdc, 100mm stroke

**177-4501** 24Vdc, 200mm stroke

**177-4492** 12Vdc, 300mm stroke

**177-4497** 24Vdc, 300mm stroke

**177-4523** T Controller for LD3 Series actuators

**177-4527** Handset for T-230-24-1

## Stainless Steel Pushbutton Enclosures

- Stainless steel 304 enclosures offering IP66/ IP69K protection - ideal for washdown areas
- Quick and easy to install - suitable for virtually any brand of 22mm pushbutton
- 22.5 mm hole(s), supplied with a lid gasket lid, captive lid screws, earth terminals & earth link



**161-1521** 1 x 22.5mm hole

**161-1524** 1 x 22.5mm hole with shroud

**161-1522** 2 x 22.5mm hole

**161-1523** 3 x 22.5mm hole

## Non-Reversible Temperature Sensitive Label

- A great value versatile, easy-to-use alternative to expensive temperature measurement equipment
- Designed to give a quick and easy way to record the maximum temperature reached by a surface
- The indicators have 8 levels ranging from 71 to 110 C°



**555-409** Pack of 10

## Proximity Switch Test Unit

- Designed to test 3 or 4 wire DC proximity switches - either PNP or NPN
- Capable of testing inductive (metal sensing), capacitive, photoelectric or ultrasonic sensors
- Supplied ready to use with a 9V PP3 battery fitted, a great addition to any industrial toolbox



**839-9875**

## 48x48mm Panel Mount Timer

- Panel mounting analogue 48x48mm timers offering 0.1s-300h timing range
- Choice of 8 or 11 pin round bases with DPCCO contacts
- Multiple timing modes - 6 modes for 11-pin and 4 modes for 8-pin variants



**179-2918** 8 Pin, 24-48Vdc / 12-48Vdc

**179-2917** 8 Pin, 110-230Vdc

**179-2916** 11 Pin, 24-48Vdc / 12-48Vdc

**179-2915** 11 Pin, 110-230Vdc



## LED Battery Level Indicators

- LED battery indicators able to show charge status on DC powered equipment such as fork lifts, powered pallet trucks, floor care equipment, and any other battery powered devices
- Choice of sizes and formats, all with 10 segment LED indication and support for 12/24V, 36V, & 48/72V systems
- Hour meter version features a 6-digit display with accumulated hours stored in NVRAM



**180-9260** 53x32mm, 12-24v

**180-9261** 60mm Dia, 12-72v

## Panel Mount Printers

- High performance panel mount dot matrix and thermal printers with Serial/Parallel/USB interfaces and bitmap printing support
- Options available with manual cut or auto-cut and maximum paper roll widths of 40mm & 60mm
- Designed to be easy to implement and use commonly available paper stock



**178-5735** 40mm dot-matrix, 1.2lps print, serial/parallel

## 72x72mm Analogue Panel Meters

- These 1.5 accuracy class meters are ideal for builds or retro-fitting into existing panels
- The white on black printed scale plate gives a quick and clear indication of readings



**901-0520** AC Voltmeter 72x72mm 90° scale 500V

**901-0526** AC Voltmeter 72x72mm 90° scale 300V

**901-0346** AC Ammeter 72x72 90° scale 0-10/20A

**901-0340** AC Ammeter 72x72 90° scale 0-20/40A

**901-0359** AC Ammeter 72x72 90° scale 0-30/60A

## Voltage Monitoring Relays

- Three phase monitoring relays with 17.5mm DIN rail housing
- Microprocessor based
- Measures phase to phase voltage



**102-6135** Sequence/Loss Relay 280-500Vac

**102-6136** Under Voltage/Sequence/Loss Relay 280-500Vac

**102-6137** Under & Over Voltage Relay 400Vac

## IP67 Low Profile LED Beacons

- Low profile LED beacons (45mm high) with IP67 protection and fully encapsulated electronics - high vibration resistance
- 4 flash patterns (static, single, double, quad)



**907-5961** LED Beacon, Amber, Low Profile, 10-100Vdc

**907-5965** LED Beacon, Red, Low Profile, 10-100Vdc

**907-5974** LED Beacon, Green, Low Profile, 10-100Vdc

## Logic Controller

- A low cost, flexible and expandable Logic Controller that's easy to learn and simple to install
- Available with or without integral LCD display and uses no-licence FREE OF CHARGE software
- RS-485 communication modules and I/O expansion available



**917-6361** Logic Module w. Display 8I/4O 110-240V

**917-6370** Logic Module w. Display 8I/4O 12-24V

**917-6395** USB Programming Cable

**917-6399** Memory Module

## Ready to Use LED Beacon Towers

- Part of our new, complete range of modular stacking beacon components available in both 50mm & 70mm diameters
- These 70mm IP66 LED beacon towers are pre-assembled from RS PRO modular components saving time, but still allowing additions if required
- 110-240Vac variants available from stock along with sounder modules and comprehensive mounting options



**190-2805** 70mm Dia. Green/Red, Steady 12/24 V ac/dc

**190-2834** 50mmDia. Red/Amb/Grn, Flash/Steady, 24Vac/dc

**190-2831** 50mm Dia. Red/Green, Flash/Steady, 24Vac/dc

## Isolator Switch

- Interlocking lid ensures removal in the OFF position only
- Padlockable handles
- Maximum voltage 750V



**773-7998** 25A, 4 Pole

## 10 Function Time Delay Relay

- Multi-function timer in a 17.5mm module with 16A SPCO output relay and 100ms-100hrs timing range
- Offers On Delay, Cyclic, Off Delay, accumulative delay, Impulse, Bi-stable and variants of these
- Supply input 12-240Vac/dc



**178-3459**

## Capacitive Proximity Sensors

- PBT bodied block sensors capable of detecting a variety of materials reliably
- Both offer adjustable sensitivity, LED indication and IP67 protection for industrial tasks
- Complete range of capacitive sensors available online - just visit RS online and search 'RS PRO capacitive'



**184-5572** 43 x 24mm Block, NPN, NO, Cable

**184-5574** 43 x 24mm Block, PNP, NO, Cable

## Non-contact Industrial Temperature Sensor

- Non-contact measurement of temperatures from 0°C to 1000°C with built-in temperature display
- Offers proportional voltage and alarm outputs for basic process control
- Extremely small size - just 30 x Ø31 mm and easy to mount via supplied bracket



**161-8103**

## Ready to use DOL Starters

- Low cost, ready to use enclosed DOL starters - just add overload to complete
- Control voltage options: 230V with neutral or 400V no neutral
- See RF38 overloads (RS 685-1560, etc) to select correct overload for motor FLC



**725-5516** 230V 3P DOL starter 7.5kW

**725-5507** 400V 3P DOL starter 5.5kW

**725-5503** 230V 3P DOL starter 5.5kW

**725-5519** 400V 3P DOL starter 7.5kW

**725-5513** 230V 3P DOL starter 11kW

**725-5522** 400V 3P DOL starter 11kW

## Low Cost 22mm Modular Push Buttons

- RS PRO now has a complete range of low cost, industrial quality 22mm modular pushbuttons and selectors
- Full range available in both illuminated and non-illuminated versions with complete range of contact & light blocks
- Stackable contact blocks (max 9) with a 1 million use mechanical life



**188-1132** Red pushbutton head with O

**188-1133** Green pushbutton head with I

**188-1123** Red pushbutton head

**188-1124** Green pushbutton head

**188-1127** Black pushbutton head

**188-1122** Blue pushbutton head

**188-1126** Yellow pushbutton head

**188-1171** Contact Block NC

**188-1170** Contact Block NO

## 96x96mm Analogue Panel Meters

- 90 degree arc ammeters & voltmeters offering 1.5 accuracy class
- Compliant with IEC51, BS89, DIN 4378 and VDE 0414
- For CT input ammeter scales up to 1000A search 'SC96' at RS online



**901-0532** AC Voltmeter 500V

**901-0539** AC Voltmeter 300V

**901-0356** AC Ammeter 0-10/20A scale

**901-0365** AC Ammeter 0-20/40A scale

**901-0368** AC Ammeter 0-30/60A scale

**901-0352** AC Ammeter CT Input 0-5/10A no scale

## Panel Mount Isolators

- Panel mounting padlockable disconnect switches suitable for distribution circuit disconnection, load isolation and motor start/stop
- AC22 current ratings, actuator dimensions 64x64x32mm



**466-148** 25A 3 Pole

**466-150** 32A 3 Pole

**466-138** 63A 3 Pole

**466-144** 40A 3 Pole

## M18 Retro-Reflective Sensors

- Durable nickel plated brass body with IP67 sealing
- 10-30Vdc supply with LED output indication
- Supplied complete with reflector - ideal for conveyor and product handling systems



**729-5101** M18 NPN Retro M12

**729-5110** M18, NPN Retro 2m

**729-5113** M18 PNP Retro M12

**729-5117** M18 PNP Retro 2m

## DIN Rail Mount 24Vdc Power Supplies

- Great value TS35 DIN rail PSUs with over voltage & current protection and wide input range (90Vac to 264Vac)
- LED output status indication - ideal for control panels or other automation applications
- Standards Met: CB, CE, CUL, CULus Recognised, FCC, UL



**136-8303** 15W 24Vdc 650mA

**136-8308** 30W 24Vdc 1.3A

**136-8315** 70W 24Vdc 3A

**136-8319** 120W 24Vdc 5A

## Single-Phase Inverter Drives

- Single phase (200-240Vac) input drives with integral keypad and speed adjustment potentiometer
- 5 multi-function control inputs, PID functionality, Modbus comms and EMC filter as standard
- Perfect cost effective drive for applications such as pumps, conveyors, packaging and textile machines



**122-3410** 0.4kW, 7.2A

**122-3411** 0.75kW, 11A

**122-3413** 1.5kW, 15.5A

**122-3414** 2.2kW, 21A

## Plastic Bodied Limit Switch

- EN50047 double insulated plastic casing IP65 - 30mm width
- One cable inlet for M20 x 1.5 cable gland
- 10A AC-1 rating contacts



**902-6874** Metal roller plunger, 1NO + 1NC

**902-6856** ø18 nylon roller lever, 1NO + 1NC

**902-6865** Adjustable lever ø18 nylon roller, 1NO + 1NC

**902-6868** Adjustable lever ø50 rubber roller, 1NO + 1NC

**902-6862** Plain metal plunger, 1NO + 1NC

**902-6871** Plastic roller lever on metal plunger, 1NO + 1NC

## Die cast Enclosed Isolators

- Enclosed 4 pole isolators in robust, corrosion resistant die-cast metal cases offering IP65 protection
- Interlocking lid and padlockable handles for safe isolation



**773-7992** 32A 4 pole

**773-8005** 40A 4 pole

**773-8008** 63A 4 pole

## Miniature Power Relays

- Miniature power relays with LED indicator available in single, 2, 3 and 4 pole configurations
- LED indicator with lockable test button and inspection window
- Gold plated contacts
- Optional bases for DIN Rail mounting or direct solder



**121-7810** 10A DPCO 12Vdc

**121-7820** 10A 4PCO 12Vdc

**121-7821** 10A 4PCO 24Vdc

**121-7824** 10A 4PCO 230Vac

**121-7827** 4PCO DIN rail socket

## Mild Steel Wall Boxes

- A range of steel wall boxes providing IP66 and IK10 protection which are ideally suited to industrial applications
- Supplied with mounting plate, lock (either 1 or 2 point), gland plate, sealing gasket and fixing accessories



**189-6588** 150 x 250 x 250mm

**775-5316** 400 x 300 x 210mm

**189-6589** 200 x 300 x 250mm

**775-5319** 300 x 300 x 210mm

**775-5322** 500 x 400 x 210mm

**775-5325** 400 x 400 x 210mm

**775-5338** 600 x 400 x 210mm

**775-5344** 600 x 600 x 300mm

## 3 Pole Boxed Isolator

- ABS plastic enclosed isolators with padlockable handle
- 3 pole with the option of additional NC/NO auxiliary contact - 466-251
- IP65 rated and compliant to EN6094



**466-172** 3 Pole, 32A, 11kW

**466-188** 3 Pole, 40A, 15kW

**466-182** 3 Pole, 63A, 22kW

**466-289** 3 Pole, 80A, 30kW

Discover our complete RS PRO own brand range of great value, quality approved, industry standard pneumatic components providing you a unique choice in the market. The range of over 1,200 parts includes roundline and VDMA cylinders, FRLs, fittings, valves and tubing all available from stock.

## ISO/VDMA Double Acting Pneumatic Cylinders

- Anodised aluminium cylinders made to ISO 15552 / VDMA 24562 standard
- Chrome piston rod with polyurethane rod, piston and cushion seals



- 176-1699** 80mm bore, 125mm stroke, G3/8 port connection, 299mm length
- 176-1642** 63mm bore, 80mm stroke, G3/8 port connection, 238mm length
- 176-1654** 40mm bore, 200mm stroke, G1/4 port connection, 335mm length
- 176-1658** 80mm bore, 160mm stroke, G3/8 port connection, 334mm length
- 176-1651** 50mm bore, 50mm stroke, G1/4 port connection, 193mm length

## Double Acting Roundline Cylinders

- Steel body and piston rod finished with aluminium caps
- Polyurethane piston and rod seals
- Complete range of common bore and stroke sizes available online



- 176-1601** 16mm bore, 200mm stroke, 19mm diameter, 309mm length
- 176-1607** 16mm bore, 50mm stroke, 19mm diameter, 159mm length
- 176-1610** 20mm bore, 80mm stroke, 27mm diameter, 211mm length
- 176-1631** 20mm bore, 50mm stroke, 27mm diameter, 181mm length
- 176-1620** 25mm bore, 80mm stroke, 30mm diameter, 220mm length
- 176-1639** 25mm bore, 125mm stroke, 30mm diameter, 265mm length

## Pneumatic Fittings

- Quick connection and disconnection with full flow and vacuum resistance thanks to special shaped seals
- High performance in demanding environments
- Wide Range  $\varnothing$  2 - 14 mm available
- Price each in a pack of 10



- 176-1796** 10mm to 10mm straight
- 176-1797** 12mm to 12mm straight
- 176-1798** 14mm to 14mm straight
- 176-1799** 10mm to 8mm straight
- 176-1800** 12mm to 10mm straight
- 176-1801** Reducer 10mm to 6mm straight
- 176-1802** Reducer 12mm to 8mm straight
- 176-1803** Reducer 14mm to 12mm straight

## Air Hoses Polyurethane

- Silicone Free
- 4:1 Safety factor
- 95/98 Shore A hardness
- Can be used with pneumatic push-in fittings
- FDA compliant



- 917-2365** Black 4mm x 30m
- 917-2400** Clear 6mm x 30m
- 917-2375** Black 12mm x 30m
- 917-2426** Red 8mm x 30m
- 917-2378** Black 8mm x 30m
- 917-2410** Green 6mm x 30m

## Filter Regulator Lubricator (FRL) Assemblies

- Complete, ready to use assemblies with a selection of port size options
- Robust technopolymer body capable of withstanding temperature of -10°C up to +50°C
- 20 $\mu$ m filtration size , 0 to 8 bar pressure range



- 176-1737** G 3/8" port connection
- 176-1748** G 1/4" port connection
- 176-1736** G 1/2" port connection
- 176-1735** G 3/4" port connection

## Push In Connection Ball Valves

- Popular size connection ball valves , available in 4,6 and 8mm connectors
- Chrome Nickel-plated brass body, spindle and ball
- Can be used with compressed air, water or oils



- 176-2144** 4mm, price each in a pack of 10
- 176-2145** 6mm, price each in a pack of 10
- 176-2146** 8mm, price each in a pack of 10

## Solenoid Actuated Control Valves

- High flow in-line valves in a compact and robust design
- Low power energy efficient solenoids suitable for -5°C to +50°C
- Aluminium alloy body with NBR seals and stainless steel springs



- 907-6384** 3/2 Solenoid / Air Valve, G-1/8", 24Vdc
- 907-6374** 5/2 Solenoid / Air Valve, G-1/8", 24Vdc
- 907-6378** 5/2 Solenoid Valve, G-1/8", 24Vdc
- 907-6400** 3/2 Air Pilot / Spring Operated Valve, G-1/8"
- 907-6403** 5/2 Air Pilot / Spring Operated Valve, G-1/8"

## Socket Cap Screws

- Diameters: M1.6 to M20
- Lengths: 3 - 130mm
- Available in A2 (304) or A4 (316) S Steel or 12.9 grade high tensile alloy steel finished in bright zinc or black



- 280-981** M3 x 6mm A2 S/S (box 50)
- 281-085** M5 x 16mm A2 S/S (box 50)
- 281-120** M6 x 20mm A2 S/S (box 50)
- 467-9773** M3 x 6mm Black (box 200)
- 483-8146** M3 x 6mm BZP (box 100)
- 491-5221** M4 x 12mm BZP (box 100)
- 483-9981** M5 x 16mm BZP (box 100)
- 484-0004** M6 x 20mm BZP (box 100)
- 281-035** M4 x 12mm A2 S/S (box 50)
- 187-1207** M3 x 6mm A4 S/S (box 50)
- 187-1257** M4 x 12mm A4 S/S (box 50)
- 187-1320** M5 x 16mm A4 S/S (box 50)
- 187-1409** M6 x 20mm A4 S/S (box 50)
- 467-9880** M4 x 12mm Black (box 200)
- 467-9975** M5 x 16mm Black (box 200)
- 468-0105** M6 x 20mm Black (box 200)

## Slotted Countersunk Machine Screws

- Diameters: M1.4 to M8
- Lengths: 3 - 80mm
- Available in A2 (304) or A4 (316) Stainless Steel or 12.9 grade high tensile alloy steel finished in bright zinc (BZP)



- 553-857** M3 x 12mm BZP (box 100)
- 158-3348** M3 x 12mm A4 S/S (box 100)
- 553-879** M4 x 12mm BZP (box 100)
- 553-942** M5 x 25mm BZP (box 100)
- 553-992** M6 x 40mm BZP (box 100)
- 527-167** M3 x 12mm A2 S/S (box 100)
- 527-189** M4 x 12mm A2 S/S (box 100)
- 527-303** M5 x 25mm A2 S/S (box 100)
- 914-1703** M6 x 40mm A2 S/S (box 50)
- 158-3382** M4 x 12mm A4 S/S (box 100)
- 914-1876** M5 x 25mm A4 S/S (box 100)
- 158-3556** M6 x 40mm A4 S/S (box 50)
- 482-9192** M3 x 12mm Brass Nickel (box 100)
- 482-9287** M4 x 12mm Brass Nickel (box 100)
- 482-9394** M5 x 25mm Brass Nickel (box 100)
- 482-9495** M6 x 40mm Brass Nickel (box 50)

## Socket Button Screws

- Diameters: M3 to M12
- Lengths: 5 - 60mm



- 232-8164** M3 x 12mm A4 S/S (box 50)
- 822-9155** M3 x 6mm BZP (box 100)
- 483-9593** M4 x 12mm BZP (box 100)
- 483-9638** M5 x 16mm BZP (box 50)
- 483-9688** M6 x 20mm BZP (box 50)
- 183-8610** M3 x 12mm A2 S/S (box 100)
- 183-8648** M4 x 12mm A2 S/S (box 100)
- 183-8698** M5 x 16mm A2 S/S (box 100)
- 183-8733** M6 x 20mm A2 S/S (box 100)
- 232-8209** M4 x 12mm A4 S/S (box 50)
- 232-8243** M5 x 16mm A4 S/S (box 50)
- 232-8293** M6 x 20mm A4 S/S (box 50)
- 822-9098** M3 x 6mm Black (box 100)
- 281-237** M4 x 12mm Black (box 100)
- 281-316** M5 x 16mm Black (box 100)
- 281-271** M6 x 20mm Black (box 100)

## Socket Set Screws

- Diameters: M3 to M10
- Lengths: 3 - 50mm



- 187-0715** M3 x 8mm BZP (box 50)
- 137-770** M5 x 5mm A2 S/S (box 50)
- 530-028** M6 x 12mm Black (100)

## Slotted Pan Head Machine Screws

- Diameters: M1.6 to M8
- Lengths: 3 - 75mm



- 560-754** M3 x 6mm BZP (box 100)
- 527-038** M4 x 12mm A2 S/S (box 100)
- 483-1606** M5 x 16mm Brass (box 100)

## Full Nuts

- Diameters: M1.4 to M20



- 560-293** M3 BZP (box 250)
- 483-0530** M4 Brass Nickel (box 250)
- 483-2520** M6 Brass (box 100)
- 530-769** M8 A2 S/S (box 100)
- 183-9045** M12 A4 S/S (box 50)

## Alkaline Batteries

- Long life alkaline batteries suitable for a wide range of applications
- Non-rechargeable



**749-2623** N 10 pack

**744-2209** AAA 12 pack

**789-2821** AAA 100 pack

**744-2199** AA 12 pack

**917-6588** AA 20 pack

**789-2828** AA 100 pack

**826-4432** C 15 pack

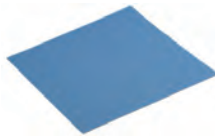
**826-4435** 9V 15 pack

**917-6581** AAA 20 pack

**826-4423** D 15 pack

## Thermally Conductive Gel Gap Filler

- Good thermal conductivity, electrically insulative
- Compliancy - high compressibility, low hardness
- Low oil bleed for long term stability



**707-4764** 0.5mm 6W/mK

**707-4768** 1.0mm 6W/mK

**707-4777** 1.5mm 6W/mK

**707-4770** 2.0mm 6W/mK

**707-4774** 0.5mm 12W/mK

**707-4783** 1.0mm 12W/mK

## 1200-Piece BZP Self Tapping Screw Kit

- Slotted and cross recess pan head self tapping screws in sizes No. 4, 6, 8 and 10
- Kit contains 1200 self-tapping screws in a moulded plastic storage case



**546-3478**

## Lane Marking Tapes

- Heavy duty plasticised PVC film coated tape with aggressive resin adhesive
- Excellent conformability particularly on uneven surfaces
- Water and UV resistant
- 50mm x 33m



**171-9692** Yellow

## Duct Tape

- Very high tack tape which is easy to unwind and tear
- Water resistant with writable surface
- 50mm x 50m



**146-6827** Silver

**146-6828** Black

**146-6829** White

## Polythene Tarpaulins

- UV stable tarpaulins which will not fade in light
- Waterproof and mildew resistant
- Metal eyelets around edges for securing



**262-7023** 3 x 2m

**262-7045** 5 x 4m

**262-7051** 8 x 5m

## Mop Handles and Heads

- Strong rust-free handles suitable for use with boiling water and most chemicals



**218-6718** Blue handle

**237-1449** Yellow handle

**237-1433** Green handle

**218-7727** Red handle

**239-8573** Yellow Kentucky mop head

**218-6825** Blue Kentucky mop head

**239-8589** Green Kentucky mop head

**218-6803** Red Kentucky mop head

**218-6847** Kentucky mop head fixing clip

## 20 Litre Mop Buckets

- Easy to manoeuvre bucket with handle and tough casters
- Bright, visible colour with hazard warning
- Lightweight gear action wringer with long handle



**705-6265** Yellow

**705-6268** Blue

**705-6261** Green

**705-6259** Red

## Pre-Soaked Hand Wipes, Tub of 150 Wipes

- Conveniently supplied in a tub for ease of access when needed
- Each wipe has a pleasant, light citrus scent and is pre-soaked in a solution of natural solvents, bactericides, surfactants and water, leaving hands clean, soft and free of germs



**187-8662**

## Antistatic Lightweight Field Service Kit

- Handy kit containing static dissipative mat (1 x 10mm male snap); adjustable wrist strap set; 4m EBP ground cord; black wide jaw crocodile clip and stacking banana jack/10mm stud adaptor
- Mat includes 1 sewn-in pocket 89mm x 127mm
- Surface resistance 10E6-10E8 ohms per IEC 61340-2-3



**681-1235**

## Zip-lock shielding bag

- Heat seal-able or Zip lock
- Top of the range ESD shielding
- Various bag dimensions to suit equipment
- Dissipative outer section, anti static interior
- All bags are silver in colour
- Quoted dimensions are internal sizes



**431-9550** 254x305mm 100pcs



## Safety Lockout Padlock

- Solid aluminium body encased in plastic cover for easy identification
- Keyed differently and key is retained in lock when open
- Designed for Lockout/Tagout applications



**180-6829** 46mm nylon shackle black

**180-6833** 46mm steel shackle black

**180-6831** 48mm insulated shackle black

**180-6832** 73mm steel shackle black

## Lockout Starter Kit

- Portable electrical department lockout tag out kit
- Provides all the basic Lockout for valves and electrical panels
- Features 24 different products for employee safety
- Supplied in a tough LOTO bag



**862-5247**

## Essential Spill Pads

- Manufactured from high grade polypropylene with open finish for quick absorbency
- Pad size 50 x 40cm
- Chemical - pack of 100 absorbs 60 litres
- Oil and maintenance - pack of 100 absorbs 60 litres



**189-0031** Chemical

**189-0032** Oil

**189-0033** Maintenance

## Certified Hazardous Substance Cabinets

- Heavy duty fully welded seams
- Fully welded adjustable shelf
- Two point locking door with two keys
- Supplied with warning label displayed on door
- Meets the Highly Flammable Liquid & Liquid Gases Regulation 5(1D)



**424-5364** 457 x 457 x 305 mm

## Fibreglass Ladders

- Ideal step ladder for electricians as made from non-conductive fibreglass reinforced plastic
- Rigid and sturdy connection on both sides
- Double riveted aluminium treads
- Conforms to EN131 standards to ensure a 150kg static load rating



**553-838** 4 step

**553-816** 5 step

**553-832** 6 step

**553-822** 7 step

## Super Heavy Duty Sack Trucks

- Durable, large diameter tubular construction frame with hardwearing powder coat finish
- 250mm REACH compliant puncture proof wheels
- Heavy duty looped handles and wheel guards



**187-4984** High backed

**187-4985** Wide foot plate

**187-4982** Pram handle

**187-4983** Folding toe

## Storage Bin & Panel Kits

- Complete kits of bins and louvred panel
- Bins are polypropylene and the louvred panel is steel
- Kit 1 - 438x457mm 8x yellow, 4x red, 4x blue, 4x green
- Kit 2 - 946x457mm 4x yellow, 6x red, 4x blue, 1x green
- Kit 3 - 946x914mm 8x yellow, 12x red, 8x blue, 2x green
- Kit 4 - 946x914mm 8x yellow, 6x red, 12x blue, 4x green
- Kit 5 - 438x914mm 8x yellow, 8x red, 8x blue, 8x green



**484-4034** 130x150x240 Red (price per pack of 5)

**484-4056** 130x150x240 Blue (price per pack of 5)

**223-7456** Kit 1

**223-7462** Kit 2

**223-7478** Kit 3

**257-7007** Kit 4

**257-6997** Kit 5

**484-4062** 130x150x240 Yellow (price per pack of 5)

**484-4040** 130x150x240 Green (price per pack of 5)

## Steel Sack Barrow

- Ideal for high load capacities up to 200kg, plate dimension 35x220mm
- P handle can be used for one handed operation, when moving lighter loads
- Allows you to load the truck horizontally before being raised to the upright or tilted position



**669-3695**

## 50 Litre Coloured Waste Bins

- Lightweight yet robust flip lid waste bins, ideal for recycling
- 330 x 410 x 600mm



**178-7697** Blue

**178-7698** Green

**178-7699** Red

**178-7702** Yellow

## Worm Drive Hose Kits

- 69 pieces of assorted sizes of hose clips to suit for applications from 9.5mm to 35mm
- Includes flexible screwdriver for manually securing the hose clips
- Housed in a solid plastic container



**175-7152** Mild steel

**175-7149** Stainless steel

## Silicone Grease

- Silicone grease is a water repellent, non-melting silicone grease lubricant;
- Commonly used to lubricate plastic and polythene water pipes, rubber washers and other fluid pipework during assembly;
- Working temperature range is between -50°C to 200°C;
- This item is non-toxic;
- Acting as waterproof or air tight seal



**494-124** 100G TUBE

## Cotton Buds

- 150mm long – great for cleaning hard to reach areas
- Tightly wrapped cotton wool head – absorbs and lifts detritus with minimal lint separation
- Rigid wooden stick – provides control and precision
- Can be used wet or dry – solvent can be applied to tip for more effective cleaning



**558-802** SINGLE ENDED, 200/BOX

## Fibre Optic Cleaning Products

- Optronics 1.25mm Microfibre Clean Stick



**121-4194** 100 PCS

## ISO-Propyl Alcohol (IPA)

- An alternative to CFC-based solvents which are said to destroy the earth's ozone layer
- Leaves no residue meaning you are left with a smooth surface
- Non-aggressive so does not destroy your parts
- Removes flux residues from PCBs
- Safe on most plastics



**227-4427** 1L BOTTLE

## Platen Cleaner

- Dissolves toughest ink marks, as well as oil or grease
- Restores grip after cleaning and leaves no residue
- Does not damage rubber - extends the lifetime of rubber rollers therefore preventing costly replacement
- Easy to apply
- Supplied in a 100ml pump spray



**217-3891** 100ML PUMP SPRAY

## Air Duster

- Inert, pure compressed gas for dust removal
- Ideal for removing particulates from inaccessible areas on delicate equipment

**168-1646** 200ml

**168-1644** 300ml

**168-1642** 400ml



## 350CC Brush Oiler

- Nylon Pump System
- 135 mm Spout
- 120 g in weight
- 140 mm high



**801-0746** 300CC BRUSH OILER

## PLA PRO+ for 3D Printing

- Industrial performance for printing speeds of >120mm/s
- Prints like PLA but has ABS matching mechanical properties
- Great heat resistance at higher temperatures
- 1kg packaging



- 174-0001** 1.75mm Black RAL 9017
- 174-0002** 1.75mm White RAL 9003
- 174-0003** 1.75mm Red RAL 3020
- 174-0004** 1.75mm Dark Blue RAL 5002
- 174-0005** 1.75mm Iron Grey RAL 7011
- 174-0006** 1.75mm Light Grey RAL 7035
- 174-0007** 2.85mm Black RAL 9017
- 174-0008** 2.85mm White RAL 9003
- 174-0009** 2.85mm Red RAL 3020
- 174-0010** 2.85mm Dark Blue RAL 5002
- 174-0011** 2.85mm Iron Grey RAL 7011
- 174-0012** 2.85mm Light Grey RAL 7035

## Stainless Steel Tweezer Set

- Designed for intricate work in the electronics industry
- Anti-acid and anti-magnetic
- Set contains: bent, curved, grooved and precision tweezers



**136-9882**

## Dual Channel Digital Solder Station

- Dual channel output allows iron and tweezers to be powered simultaneously
- Temperature range 150-480°C
- Supplied with station, 130W iron, 100W tweezers, 2x iron holders and sponges and power cord



- 176-0007** Soldering Station
- 179-0020** 50W iron
- 179-0021** 130W iron
- 179-0022** 150W iron

## WT280x 3D Printer

- The printer features a HD touch screen for efficiency and ease of use
- High speeds of up to 450 mm/s to be up to 5 times faster than a standard 3D desktop printer
- Multi-language to suit printing in a variety of work or home environments
- Aluminium plate and composite flexible lamination platform material
- Easy auto bed levelling to remove any worry or stress about manual levelling



**202-7268**

## Lead Free Solder

- Lead free, no clean solder wire that wets more readily than SnCu based solders
- Contains 3% silver
- Also available in 500g reels



- 800-7649** 0.25mm, 250g, +217 °C melting point
- 756-8875** 0.38mm, 250g, +217 °C melting point
- 756-8884** 0.71mm, 250g, +217 °C melting point
- 756-8913** 1.27mm, 250g, +217 °C melting point
- 800-7655** 1.01mm, 250g, +217 °C melting point
- 800-7636** 0.25mm, 250g, +228 °C melting point
- 756-8887** 0.38mm, 250g, +228 °C melting point
- 800-7677** 0.81mm, 250g, +228 °C melting point
- 800-7664** 1.01mm, 250g, +228 °C melting point
- 800-7668** 1.27mm, 250g, +228 °C melting point

## Soldering Station

- Ceramic heating element provides fast heat recovery
- Store 3 frequently used temperatures in memory
- With USB charging socket



- 176-5834** 75W Solder station
- 799-8973** Soldering Tip, chisel, 2.4mm
- 799-8976** Soldering Tip, Conical, 0.2mm
- 799-8979** Soldering Tip, Sloped, 2mm

## 0.96" IPS Colour LCD modules

- Low cost IPS 65K colour RGB TFT modules offering 80 degree viewing angle and 500nit backlight
- LCD has a 0.96-inch active display area with 80 x 160 pixel resolution
- Choose either direct connect via FFC, or 'Easy Connect PCB' with solderable terminals



**180-9034** FFC connection

**180-9035** Easy Connect PCB

**180-9036** EasyConnect PCB with Holes

## Encapsulated SMPSU PCB Modules

- A complete range of PCB mounting encapsulated power supply modules with wide AC/DC input
- Fully regulated output with low ripple & noise - meets CISPR32 / EN55032 CLASS B
- IEC62368, UL62368, EN62368 and EN60335 approval



**181-2115** 5V 10W

**181-2117** 12V 10W

**181-2118** 24V 10W

**181-2120** 5V 13.5W

**181-2121** 12V 15W

**181-2122** 24V 15W

**181-2124** 5V 18W

**181-2125** 12V 20W

**181-2126** 24V 20W

**181-2127** 5V 20.5W

**181-2128** 12V 25W

**181-2130** 24V 25W

## Intelligent RGB LEDs

- SMD intelligent LED components with control and LED, all contained in a 5050 sized package
- Full RGB control and level adjusting control (256 level grey scale) via a 24-bit data stream
- Now available in high volume 1000pcs reels



**180-8080** RGB LED 5050 4 PIN 5V SK6812

**180-8083** RGBW LED 5050 4PIN 5V SK6812

**180-8086** RGB LED 3535 4 PIN 5V SK6812

**180-8087** RGB LED 2020 6 PIN 5V AP102

## Plug-In Non-Latching Relays

- Compact relays in common pin format with LED and lockable test button
- Complete range available from stock



**144-1594** 1 Pole 24Vdc LED lock & diode

**144-1602** 2 Pole 24Vdc LED Lock & diode

**144-1600** 1 Pole 230Vac LED Lock

**144-1608** 2 Pole 230Vac LED Lock

**144-1610** 1 Pole socket

**144-1609** 2 Pole socket

## Round Rocker Switches - 20mm

- Rated to 250Vac, current rating varies by version
- Electrical life rated for 10,000 cycles
- Housing and rocker made from Nylon 66 to UL 94V-2



**273-312** SP On-off latching - illuminated

**914-3550** SPDT centre-off latching

**793-2563** SP On-off latching

**185-8224** SPDT changeover

## Propelling Pencil Cleaning Brush

- Easy to use for cleaning small areas and preparing before repair work
- Retractable bristles
- Optional refill fibreglass (514-874) or brass (514-880)



**514-868**

## French Colour Code Bootlace Ferrule Kit

- French colour coded insulation for easy ferrule size identification
- Crimped terminal can be repeatedly inserted and removed from the connection without degrading end of the wire
- 8 marked compartments sorted by size for ease of selection



**228-0321**

## Industrial Power Connector Socket

- A versatile socket outlet for when safety and reliability are a priority
- RCD protected, pre-wired unit
- IP44 (splash proof) with a lockable protection window to enhance safety



**410-173**

## Heavy Duty Industrial Connectors

- UL approved, IP65 rated hoods and housings are made from zinc die cast metal, with metal locking levers to secure safely together
- Full range offering top or side entry, surface and bulkhead/panel mount versions
- Sizes 3A, 6B, 10B, 16B and 24B (10B examples shown, full range on the RS website)



**171-5700** 10B Hood Side Entry M25

**171-5698** 10B Hood Top Entry M25

**171-5729** 10B Male Insert

**171-5730** 10B Female Insert

**171-5702** 10B Bulkhead Housing

**171-5704** 10B Surface Mounting Housing 1xM25

## Plug and Socket Set

- Ready to use cable plug & inline socket connector sets with threaded coupling
- IP68 rating - ideal for challenging conditions, even submersion
- Maximum current rating: 30A per pole



**131-6393** 2 Way

**131-6391** 3 Way

**131-6390** 4 Way

**131-6392** 5 Way

## Ferrule Crimp Kit

- A handy kit of insulated bootlace ferrules and crimp tool covering sizes of 0.5mm<sup>2</sup> to 10mm<sup>2</sup>
- 200 ferrules (0.5-15mm<sup>2</sup>), 100 of 2.5mm<sup>2</sup>, 50 of 4mm<sup>2</sup>, 30 of 6mm<sup>2</sup> and 20 of 10mm<sup>2</sup>
- Colours follow the French colour coding standard



**266-0288**

## XLR Cable Assemblies

- Tough, reliable long life construction
- Push latch release on female connectors
- Part of a range of XLR connectors



**189-3945** 1m

**189-3946** 1.5m

**189-3944** 2m

**189-3947** 3m

**189-3949** 5m

**189-3950** 10m

## C2 5A & 10A 4P & 2P Connectors

- Connectors offer signal and power connections in one assembly
- IP67 rated
- Termination crimp on cable mount, solder on panel mount versions



**179-7931** Cable Socket

**179-7932** Cable Plug

**179-7933** Panel Mount Socket

## Power Cord for Laptop Chargers / Adapters

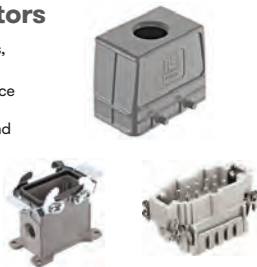
- Flexible and durable H05V-F harmonised cable with a stranded wire core & PVC insulation & sheath
- 3 pin South African mains plug rated at 240 V, 16 AIEC C13 connector



**744-0935** ZA

## Heavy Duty Connectors

- Designed for industrial applications, and are UL approved
- Includes top entry, side entry, surface mount and bulkhead/panel mount versions in sizes 3A, 6B, 10B, 16B and 24B. Example items shown are 10B
- The hoods and housing are made from IP65-rated die-cast metal



**171-5699** Top entry hood M32

**171-5705** Surface mount housing 2 x M25

**171-5732** Male cage-clamp terminal insert

**171-5733** Female cage-clamp terminal insert

## Automatic Cable Reel

- Heavy duty industrial cable reel with auto rewind and 180° swivel wall mounting bracket
- 230V 50Hz with 3000W power rating when fully unwound
- 16m length with one socket



**171-7877** EU

## EV Charging Cables

- Ergonomic and safe IP54 rated design
- Single ended, type 2 European plugs shown, UL and double ended versions also available
- Cable length 5m



**177-4436** 1 phase 16A

**177-4438** 1 phase 32A

**177-4439** 3 phase 16A

**177-4440** 3 phase 32A

## Insulated Crimp Terminal Kit

- The crimp terminals include insulated ring terminals, insulated spade terminals, insulated pin terminals, insulated receptacle terminals and insulated butt splice terminals in a range of popular sizes
- Contains 800 widely used terminal types and sizes
- Colour coded insulation for easy terminal size identification
- Plastic sleeve on terminals provides insulation and wire support
- Crimp tool for crimping wire size ranges from 0.25 to 6 mm<sup>2</sup>



**613-9952**

## Nylon Cable Tie Kit

- Ties are 100mm x 2.5mm
- Kit includes 10 different colours (100 of each)
- Supplied in a convenient plastic canister



233-118

## 300 Piece Heat Shrink Sleeving Kit

- Mixed with different types of heat shrink tubing including harmonised colours and adhesive lined versions
- Handy storage box can be stacked or wall mounted
- Refill packs are available for each item



487-3852

## Push-Mount Cable Ties

- Press the tie into a pre-drilled hole and bind the cable by securing the tie (supports up to 50mm diameter bundle)
- Also available with wings for a more secure fixing
- Supplied as bag of 100



**178-9500** 168 x 3.8mm for 4.8mm hole

**178-9501** 201 x 4.8mm with wings, 6.2mm hole

## Re-Useable Hook & Loop Cable Ties

- Quick and convenient bundling of cables and wires
- Available in a range of colours to allow for colour coding
- Size: 325 x 13 x 25mm, other sizes available, supplied as a bag of 10



**179-7172** Black

**179-7173** Red

**179-7175** Green

**179-7176** Blue

## Open Slotted Trunking

- Made from high impact, self-extinguishing UL 94V-0 PVC with 8mm open slots
- Supplied in a pack of 8 x 2m lengths complete with cover
- UL, CSA approved



**758-9279** 25mm W x 30mm H

**758-9272** 25mm W x 40mm H

**758-9285** 25mm W x 80mm H

**758-9276** 25mm W x 60mm H

**758-9288** 40mm W x 40mm H

**758-9282** 40mm W x 60mm H

## Expandable Copper Braid

- Provides exceptional protection for wire and cable harnesses from electromagnetic, electrostatic and radio frequency interference
- Examples shown nickel plated, Tin plated also available
- 10m lengths shown. Also available in larger diameters and on 100m reels



**181-1987** 3mm diameter

**181-1988** 4mm diameter

**181-1989** 6mm diameter

**181-1990** 7.5mm diameter







**181-1991** 10mm diameter

**181-1992** 12.5mm diameter

**181-1993** 20mm diameter



## EQUIPMENT WIRES

RANGE	SHEATH	AWG	OUTER DIAMETER	VOLTAGE RATING	COLOUR	REEL LENGTH
 <b>British Standard</b>	PVC	17 → 24	1.2 → 2.65mm	300 → 1000V	Black, Blue, Brown, Green, Grey, Orange, Pink, Red, Violet, White, Yellow, Green/Yellow, Yellow/Green	100m → 500m
 <b>Tinned Copper Wire</b>	PVC	18 → 24	1.58 → 2.79mm	300 → 600V	Black, Blue, Green, Red, White	100m
 <b>DEF STAN</b>	ETFE	12 → 24	1.15 → 2.99mm	600V	Black, White	100m
 <b>Harmonised</b>	PVC	13 → 20	2.4 → 4.1mm	300 → 750V	Black, Blue, Brown, Grey, Red, White, Yellow, Green/Yellow	100m
 <b>UL Standard</b>	PVC, PTFE, MPPE	12 → 28	0.9 → 4.2mm	150 → 600V	Black, Blue, Brown, Green, Grey, Orange, Purple, Red, White, Yellow	100m
 <b>Tri-Rated</b>	PVC	4 → 22	2.6 → 10.6mm	600 → 1000V	Black, Blue, Brown, Dark Blue, Green, Green/Yellow, Grey, Light Blue, Mid-blue, Orange, Pink, Purple, Red, White, Yellow	100m

### Tri-rated Cable - 4 MM<sup>2</sup> CSA, 1 KV, 41 A

- High quality range of Tri Rated cables
- Voltage rating of 600 / 1000 V
- Class 5 flexibility
- A HR PVC (Heat Resistant PVC) insulation enabling the cable
- To be used in high temperature applications






**811-1442** BLACK (100 METRE REEL)

**906-2713** DARK BLUE (100 METRE REEL)





**815-8611** PINK (100 METRE REEL)

**811-1454** YELLOW (100 METRE REEL)

## CONTROL CABLES

RANGE	SHEATH	NO OF CORES	AWG	OUTER DIAMETER	VOLTAGE RATING	SCREEN/SHIELD	COLOUR	REEL LENGTH
 <b>CY</b>	PVC	2 → 18	13 → 26	4.1 → 15.6mm	300 → 500V	Braid, Tinned Copper Braid	Grey	50 → 100m
 <b>SY</b>	PVC	2 → 25	9 → 18	7.3 → 19.7mm	300 → 500V	Braid, Galvanised Steel	Grey	50m
 <b>YY</b>	PVC	2 → 15	9 → 24	3.7 → 20.8mm	300 → 500V	Galvanised Steel	Grey	25 → 100m

## POWER CABLES

RANGE	SHEATH	NO OF CORES	AWG	OUTER DIAMETER	VOLTAGE RATING	COLOUR	STANDARDS AVAILABLE	REEL LENGTH
 <b>Mains Power</b>	PVC, Rubber Silicone, TPE	1 → 7	9 → 20	3.2 → 19.1mm	300 → 1000V	Black, Blue, Brown, Green/Yellow, Grey, Orange, Red, Red/Brown, White, Yellow	EN 50525-2-11, EN 50525-2-21, H03VV-F, H03VH2-F, H05RR-F, H05VV-F, H05Z1Z1-F, H07BN4-F, H07RN-F, H07V-K, H07ZZ-F	25 → 100m
 <b>Armoured Cables (SWA)</b>	PVC+SWA (Steel Wire Armoured)	2 → 5	5 → 15	12.6 → 26.3mm	600 → 1000V	Black	BASEC	50m
 <b>Conduit &amp; Trunking Cables</b>	LSZH, PVC	1	2 → 15	2.7 → 11.3mm	450 → 750V	Black, Blue, Brown, Green/Yellow, Grey, Orange, Purple, Red, White	H07V-R, H07V-U, H07Z-R, H07V-R, H07V-U, H07Z-R	50 → 100m
 <b>Multicore Industrial Cables</b>	PE, PVC, XLPE	2 → 36	9 → 30	2.4 → 22.8mm	250 → 1000V	Black, Green Grey White	BASEC, Defence Standard 61-12 Part 4, Defence Standard 61-12 Part 5, Euroclass Eca	25 → 500m

## General Purpose Fuse Kit

- Contains 20mm HBC and LBC fuses
- Contained in a moulded compartment storage box
- Kit includes HBC (F) fuses, LBC (F) fuses, LBC (T) spring fuses



420-268

## 2 in 1 Torch and Rechargeable Worklight

- 440lm torch, with 250lm worklight hidden inside handle
- Strong magnet in base, and high-end aluminium construction
- Rubberised operation switch



176-6030

## 400 Lumen High Power LED Worklite

- Barrel mounted On/Off switch
- Aluminium casing
- Carrying holster included



901-4972 Focusing 3 x AAA

## Compact LED Headtorch

- A 250 lumen white 6500k Cree LED with 2 side LEDs for floodlight mode
- 45° rotating head, IPX6 water resistant and super lightweight at only 95g
- Built-in 3.7V 1800mAh Li-polymer battery re-charged via micro-USB cable (Included)



186-4621

## LBC Fuse Kit

- Contains fast, time-delay or semi-timed action fuses
- Contained in a segmented plastic case with hinged lid
- All fuses within the kit are 5 x 20mm (360 in total)



611-8955

## 300lm Head Torch

- Fully adjustable headband
- Rubberised operation switch
- Cushioning Forehead Pad
- With side red light function (on or flash)



176-6031

## Panel Heater

- Connects directly to electricity supply
- Offers 2 heat output settings
- Wall fixtures included



**196-2386** Panel Heater with timer 1kW

## Wall Mount Thermostats

- Front mounted, graduated temperature adjustment dial
- Surface mounting with a thermoplastic front cover suitable for industrial and commercial applications
- SPCO contacts



**375-0130** +5 to +30°C

**375-0152** -20 to +35°C

**375-0168** +5 to +60°C

**375-0196** +5 to +30°C for 2-pipe fan coil systems

## 36W LED Ceiling Panel Lights

- TP(B) fire rated for enhanced protection in case of a fire
- Diffused panel ensuring light is evenly distributed
- Energy efficient LED lights for prolonged life
- Cost effective and energy efficient
- Ideal for use in a wide range of environments

**202-7260** 595 mm Long, IP20

**202-7261** 1.2 m Long, IP20

## LED High Bays

- Ideal for industrial and commercial applications such as factories and warehouses
- Great replacement for HID fittings, comes with an integral driver and flicker free technology
- Supplied with hanging hook and 2m of power flex



**188-3500** 100W 11,000lm 6500K

**188-3501** 150W 16,500lm 6500K

**188-3502** 200W 22,000lm 6500K

**176-8523** 100W 11,000lm 4000K

**176-8521** 150W 16,500lm 4000K

**176-8565** 200W 22,000lm 4000K

## LED Floodlights

- With aluminium body and toughened glass lens, offering IP65 protection suitable for outdoors
- 4000K cool white colour temperature and 115° beam angle
- 30,000 hours rated life



**176-8533** 100W 9,000lm

**188-3490** 200W 18,000lm



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