

THE ELECTRICAL CONTRACTOR

ISSUE 130

OCT/NOV/DEC 2018

WIN

A PORSCHE TRACK DAY

EXPERIENCE!

Find out more inside

**HEAPS OF
PRODUCTS AND
AN EXPANDING
TOOL SECTION
INSIDE**

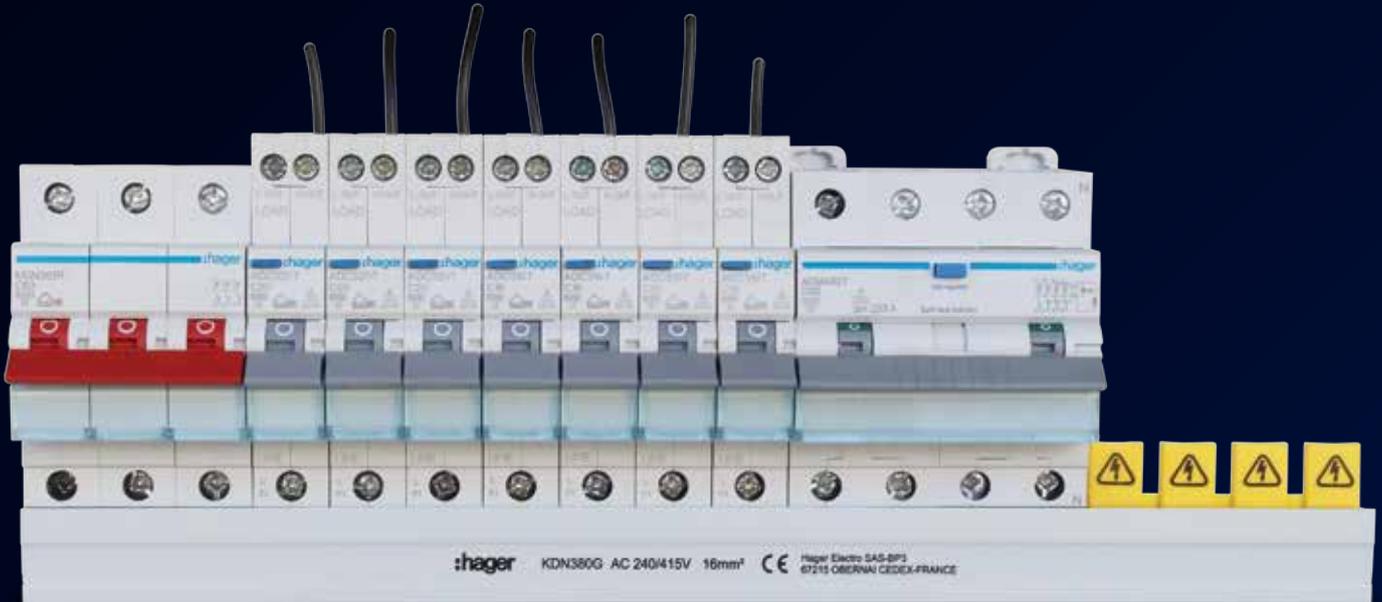


:hager

I&H

AUSLEC

AS/NZS 3000:2018 Wiring Rules changes



onekonekt

**one range, one busbar,
one solution.**

The best solution for providing RCD and MCB protection on every final subcircuit is using our space saving single and 3 phase RCBO's in conjunction with our onekonekt busbar. Installing in this way will ensure individual RCD protection and avoid a risk of loss of supply to multiple subcircuits if one trips. Our complete range of modular protection devices all fit on the one busbar, making your job fast, easy and space saving when it comes to installation.

hagerelectro.com.au/onekonekt

:hager



CEO MESSAGE

With Spring well & truly 'sprung', we find ourselves flying towards the end of another year!

Like you, the run up to Christmas is a hectic time at Auslec/L&H as we make sure we are well positioned to provide you with the products and services you need to complete your customer's demands of.....'It MUST be finished by Christmas!'

But in the rush to meet project deadlines, we must NEVER forget about - or compromise on - personal and site safety....NEVER.

The importance of Safety cannot be focused on enough. With our significant population growth, we seem to be in a never-ending construction phase, however as we've witnessed in recent times, site accidents can happen and in some cases have led to tragic outcomes when safety regulations were not adhered to.

In this issue of ECON, we focus on safety with a great article from Bailey about adopting safer methods of working at heights. You'll learn about the benefits of using a platform stepladder or scaffold instead of a traditional ladder and how these options can make you work safer.

We also take a look at how we can keep our own homes and our customer's homes safer with the Matchmaster IoT device. A great innovation where home owners can access their home's security systems via a mobile or tablet and view real time vision – a terrific advancement in the way we keep our homes better protected.

And last but certainly not least, we are very excited to announce that the unbelievably awesome Hager Porsche Track Day Experience promotion is on again! This is one promotion that you just HAVE to be a part of so accelerate (safely!) in to your closest Auslec or L&H branch and start snapping up your Hager products!

In closing, please....work safe, drive safe and stay safe!

Best regards,

Ross

Ross Swepson, CEO
Auslec/L&H

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WIN A PORSCHE TRACK EXPERIENCE!

Due to popular demand, the Hager Porsche Track Experience promotion is back!

Just spend \$5,000 + GST of Hager products between 1st October and 31st December 2018 to go into the draw for your chance to win. Feedback from winners from last year's promotion was fantastic – here's what some of them had to say –

R&J Bridges Electrical:

Getting vehicles worth \$330k and \$700k is an unbelievable experience! Brand new cars – absolutely extraordinary! This was in another league and exceeded all my expectations! I can't believe a supplier

can do this type of event and they have definitely set the benchmark very high. Will get involved next year without hesitation – I would bite someone's hand off to go again!

Comselec Services:

It was simply fantastic! I have never done anything like that before and the whole experience left me smiling for days!

QA Electrical:

It was great! We were very well looked after and the day exceeded expectations!

David Power Electrical:

Very very exciting! One of the best things I have ever done! Driving at 250kmh with just one hand on the wheel – who would've thought! The trainers were in a class of their own and I cannot recommend it enough! The chance to drive so many different Porsches is something I'll never forget!

So don't miss out! Cruise in to your local Auslec/L&H branch and stock up on Hager products today!



DIAMOND SPONSORSHIP

NECA, (the National Electrical and Communications Association) have been a proud national representative for electricians and communications contractors for many years.

NECA's core values of respect, excellence, integrity and loyalty reflect those of Auslec/L&H so it is with much pleasure that Auslec/L&H announce a very special Diamond sponsorship arrangement with NECA.

Both organisations are here to help your business with resources and products to ensure you are well equipped to grow your business efficiently and take advantage of opportunities in our changing electrical market.

NECA provides occupational health and safety, management, education & training, human resources and technology on-hand advice while Auslec/L&H provides you with the latest products and services to support your day to day needs.



AUTHORISED TO DISTRIBUTE

Here at Auslec/L&H, we partner with Australia and the World's best Suppliers to ensure you, our customers, receive the absolute best in electrical and industrial products and service.

We believe that our hard earned relationships with our Supplier partners have a direct benefit to you in many ways. That's why we strive to create Authorised Distributor arrangements with quality Suppliers like Fluke and Milwaukee.

So what does this really mean for you? Well here's just a few reasons -

Cost savings: We need to stock over 160 Auslec/L&H branches around the country and this means a LOT of stock! Our volume purchasing capabilities translate to industry best pricing which we in turn pass on to YOU.

Efficiency & time saving: You may not have ever thought of it this way but as a Contractor customer of Auslec/L&H, you have your own warehouse! We ensure that all our branches carry the necessary day-to-day items that are critical to your work along with the ability to source 'hard to get' or 'out of the ordinary' products.

Knowledge: All Auslec/L&H branch staff under-go continual product and technology training to ensure they are up-to-date with the latest information. This means they can have informed discussions with YOU about YOUR needs – such as making suggestions on alternative products that may increase your margins or your 'upsell' opportunities to YOUR end customers.

So why not have a chat to your local Auslec/L&H branch about how YOU can benefit from dealing with a qualified authorised distributor.

eBRANCH UPDATE



Auslec/L&H's online store platform eBranch continues its evolution with new options and benefits to customers being added.

Pat Goncalves, eBusiness Development Manager for Auslec/L&H says the evolution of eBranch has been a real hit with the industry. "Daily we are seeing increases in both eBranch registrations and overall usage across the various features. The most common

feedback I receive from customers is around ease of use and efficiency."

One of the latest additions to the eBranch functionality is ability for customers to download CSV price files that can then be directly imported into their own software systems. "Any customer software packages that has CSV capability can accept these price files & invoices and this has proven to be a real winner", says Pat. "On

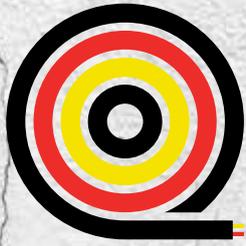
top of that, customers can also set up recurrent jobs to send CSV files that they can also directly import into their own system."

Why not check out all the ways that eBranch can work for you by visiting www.ebranch.online today! You can also contact your local branch for more information or email admin@ebranch.online



www.ebranch.online

Available at



EASYSPOOL™

CABLING MADE EASY!



ENGINEERED AND DESIGNED BY NEXANS OLEX FOR AUSTRALIAN ELECTRICAL CONTRACTORS

EXCLUSIVE LAUNCH THROUGH AUSLEC AND L&H BRANCHES!

**\$350
+ GST**

-  EASY TO LOAD
-  EASY TO MOVE
-  EASY TO REEL
-  EASY TO STORE

JUST EASY!

Nexans
Olex TrustOlex.



A Sonepar Company

CABLE CONNECT

OUR PEOPLE KNOW...

YOUR NEED FOR QUALITY & CERTIFIED CABLE

We've been selling cable for over 130 years ensuring you expert advice when selecting the right cable for your project.

We stock the widest range of cabling including:

- Indoor & Outdoor Telephone Cables
- Outdoor Jelly Filled Data Cables
- Flexible Rubber SDI's
- H07 Rubber Multi-core
- Flexible Multicore Control
- Flexible Earth Wires
- Power & Battery Starter Cable
- Circular Multicore Controls PVC
- XLPE
- Fire Rated Cables
- Screened Instrumentation
- EMC/VSD Cables
- Solar and Audio

CALL ONE OF OUR CABLE CONNECT EXPERTS TODAY:

VICTORIA/TASMANIA

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E cable.vic@lh.com.au

WESTERN AUSTRALIA

T 1300 287 532

E cable.wa@auslec.com.au

OTHER STATE LOCATIONS COMING SOON!



I&H

AUSLEC

A Sonepar Company



Rugged Fluke tools give fast, reliable results across all industries.

Fluke makes rugged, reliable, quality tools industry professionals can count on. Fluke tools are built to the highest safety and reliability standard against which all other tools are measured.

Fluke's comprehensive line of Thermal Imaging Cameras, Electrical Power Analysers, Digital Multimeters, Insulation Resistance Testers, plus the integrated ScopeMeter™ handheld test tools, are used by a growing number of service technicians, plant engineers and installation and maintenance technicians; providing them the ability to troubleshoot complex new systems and detect problems quickly.



Whatever your specialisation, we can measure it.

Auslec/L&H Now a Fluke Australia Authorised stockist

 www.lh.com.au/fluke www.auslec.com.au/fluke

FLUKE®

Authorised Distributor



SAFETY



UNDERGROUND CAUTION TAPE

VALUMT100 150MMX100M **\$19.90 EX GST** \$21.89 INC GST
VALUMT500 150MMX500M **\$55.00 EX GST** \$60.50 INC GST

- Non-detectable Underground Warning Tape
- Marking- "DANGER – ELECTRIC CABLE BELOW"
- Low density polyethylene, lead free pigments, soil tolerance from pH 2.5 to pH 11.0 inclusive
- Manufactured in accordance with AS/NZS2648.1 1995 and AS/NZS 4275 Part 0 1995
- Available in 100 & 500 Metre rolls.

FROM **\$19.90** EX GST **\$21.89** INC GST



CABLE PROTECTION COVER

TRFGPC100 POLE MOUNT 100WX100DX900L **\$63.00 EX GST** \$69.30 INC GST
 TRFGPC50 POLE MOUNT 50WX50DX900L **\$43.00 EX GST** \$47.30 INC GST
 TRFGPC75 POLE MOUNT 75WX75DX900L **\$52.00 EX GST** \$57.20 INC GST
 TRFGPCS20 SURFACE MOUNT 1200L FOR 20MM CONDUIT **\$25.10 EX GST** \$27.61 INC GST
 TRFGPCS25 SURFACE MOUNT 1200L FOR 25MM CONDUIT **\$25.90 EX GST** \$28.49 INC GST
 TRFGPCS32 SURFACE MOUNT 1200L FOR 32MM CONDUIT **\$31.00 EX GST** \$34.10 INC GST
 TRFGPCS40 SURFACE MOUNT 1200L FOR 40MM CONDUIT **\$39.00 EX GST** \$42.90 INC GST
 TRFGPCS63 SURFACE MOUNT 1200L FOR 63MM CONDUIT **\$61.00 EX GST** \$67.10 INC GST

- Splayed sides for round poles suit cables 50 to 100mm diameter
- Offset edges suits angled or pole/round surface mounting
- Styled to suit flat surface or poles

FROM **\$31.00** EX GST **\$34.10** INC GST



COVER UNDERGROUND PVC

TRFUCC15025 150MMX25M **\$79.00 EX GST** \$86.90 INC GST
 TRFUCC20025 200MMX25M **\$129.00 EX GST** \$141.90 INC GST
 TRFUCC30015 300MMX15M **\$95.00 EX GST** \$104.50 INC GST

- Rigid orange printed covers
- Available in two widths - 150mm and 300mm
- Warning message printed on one side

FROM **\$70.00** EX GST **\$86.90** INC GST



\$26.00 EX GST **\$28.60** INC GST

APPLIANCE TEST TAGS

VALTSLMIX

- Self-adhesive mounting
- Unique clamping clip saves application time
- Meets all specifications and standards for Australian Test Tags



APPLIANCE TEST TAGS - FLAGGED

VALTSLY

- Self-adhesive mounting
- Test tag colour for September through to November
- Yellow in colour
- QTY. 100

\$26.00 EX GST **\$28.60** INC GST



APPLIANCE TEST TAG LOG BOOK

VALTTLOGBOOK

- Keep records of test results when checking and tagging appliances and cords
- Includes a quick find index in the front of the book allowing for quick retrieval of information without the need to search through pages
- Compliant with AS/NZS 3760

\$22.90 EX GST **\$25.19** INC GST



Win a Porsche Track Experience!

Just purchase \$5,000 (ex GST) worth of Hager products at L&H or Auslec between 1st Oct. and 31st Dec. 2018 to go into the draw for your chance to win.

Talk to the staff in branch for more details.



Spend \$2,000 (ex GST) and get a set of Hager/Wiha screwdrivers*

*Hager / Wiha screwdriver set will be given at the accumulated total of \$2,000 (ex GST) spend on Hager products to the first 500 eligible entrants with the limitation of one set per company for the duration of the promotion. The promoter is L&H Group of 142 Dorcas Street, South Melbourne VIC 3205 ABN 19 730 781 473, phone: 03 9897 1560. Promotion is open to Auslec/L&H account holders only. To receive an entry into the draw, account holders must spend \$5,000 (ex GST) on Hager products during the promotional period 1/10/2018 to 31/12/2018. The draws will take place at Anisimoff Legal, Suite 5/210 Central Coast Hwy, Erina NSW 2250 at 10am AEDST 10/01/2019. Winners will be notified and names published on www.lh.com.au. Total prize value is \$73,810 and consist of 36 individual prizes for a spot at one of the 3 Porsche track days held at Mount Cotton, QLD in 2019. Prize includes return flights to the Gold Coast for winners outside of QLD, 1 Night accommodation, transport and meals provided. Prizes will be allocated per state. For full terms and conditions of entry, visit www.lh.com.au. Authorised under NSW Permit No. LTPS/18/27876 ACT Permit No. TP18/01761 SA Permit No. T18/1611

:hager



A Sonepar Company



RCBO 1 MODULE

HAGADC310T 10A **\$30.00 EX GST** \$33.00 INC GST
 HAGADC316T 16A **\$30.00 EX GST** \$33.00 INC GST
 HAGADC320T 20A **\$30.00 EX GST** \$33.00 INC GST
 HAGADC325T 25A **\$30.00 EX GST** \$33.00 INC GST
 HAGADC332T 32A **\$33.00 EX GST** \$36.30 INC GST

- Slim profile with single pole width
- 6kA, 30mA
- Type A devices
- Part of the Hager onekonekt range of protection devices - all connect to the same busbar reducing installation time

FROM

\$30.00
EX GST

\$33.00
INC GST



GOLF DIN ENCLOSURE

FROM

\$39.00
EX GST

\$42.90
INC GST

HAGVS112PT (SURFACE MOUNT 12 MOD) **\$39.00 EX GST** \$42.90 INC GST
 HAGVF112PT (FLUSH MOUNT 12 MOD) **\$39.00 EX GST** \$42.90 INC GST
 HAGVS118PT (SURFACE MOUNT 18 MOD) **\$45.00 EX GST** \$49.50 INC GST
 HAGVF118PT (FLUSH MOUNT 18 MOD) **\$45.00 EX GST** \$49.50 INC GST

- Supplied with 63A brass links
- Larger wiring space between the installed devices and the E/N terminals
- More space behind the DIN rails
- Clean and convenient wiring thanks to a patented integrated cable management system.
- Aesthetically pleasing design

hager



RCBO 4 MODULE

HAGADM410T 10A
 HAGADM416T 16A
 HAGADM420T 20A
 HAGADM425T 25A
 HAGADM432T 32A

- 3 phase protection in a slim profile with only four pole width
- 6kA, 30mA
- Type A devices
- Part of the Hager onekonekt range of protection devices - all connect to the same busbar reducing installation time

\$145.00
EX GST

\$159.50
INC GST



\$12.50
EX GST

\$13.75
INC GST

SILHOUETTE 10A DOUBLE SOCKET

HAGWBSP2S-MB

- Matt black
- Only 4mm from the wall
- Aesthetically pleasing design
- Good design - award winning product



10A IP53 DOUBLE SOCKET

HAGWBWP2S

- Internally designed for ease of installation and flexibility of use
- Aesthetically pleasing design
- Tough and robust for harsh weather conditions

EACH

\$19.95
EX GST

\$21.95
INC GST



ISOLATOR IP66 20A 2 POLE

HAGJG220IN

- Internally designed for ease of installation and flexibility of use
- Aesthetically pleasing design
- Tough and robust for harsh weather conditions

\$12.15
EX GST

\$13.37
INC GST



Cabling Registration run by the industry, for the industry

***The Australian Cabler Registration Service (ACRS)
provides a fast, reliable and low-cost registration
service for the electrical and communications industry.***

Peace of mind costs less than 60c a week! Register with ACRS and reap the benefits of being with the only Australian electrical specialist registry while avoiding a hefty fine.

It is illegal for anyone other than a registered cabler to install or maintain cabling that connects to the telecommunications network. So if you are installing any equipment that will connect to the network – from smart home systems to extra phone lines – you need a current cabling registration.

Carrying a current cabling registration card confirms you have completed the relevant training and gained the professional experience to complete the work to the customer's expectations.

Why choose ACRS?

-  Fast, reliable personalised advice and service from our expert staff
-  Quarterly updates providing the latest cabling news, industry issues and training information
-  Comprehensive website www.acrs.com.au with directory of training organisations and Cabler Quick Search
-  Range of registration and renewal options – online, in person, email, mail or fax
-  Wholly owned subsidiary of NECA – the peak industry body for electrical contractors
-  Licenced by Australian Communications & Media Authority.

	1 year	3 years
ACRS Cabler Registration Service	\$ 35.00	\$ 88.00
ASIAL	N/A	\$ 86.75
BICSI Registered Cablers Australia	\$ 38.50	\$ 88.00
FPA Australia	N/A	\$ 87.50
TITAB	\$ 42.00	\$ 94.00

Register with ACRS now

Call the ACRS Cabler Registration service centre on **1300 667 771** or visit our website

www.acrs.com.au

Owned and operated by the National Electrical and Communication Association





Crompton

CROMPTON HORNET 20W

GTSCFL20840

Ex GST \$84.00

+ GST \$92.40

- Adjustable head 300° horizontal, 200° vertical with flexibility to direct the light (up/down/sideways)
- Slim and compact, designed to disappear when mounted under the eave



PIERLITE
professional lighting solutions

MAXI MASTER LED FLOODLIGHT GEN II

GTSMML100S

Ex GST \$229.00

+ GST \$251.90

GTSMML200S

Ex GST \$469.00

+ GST \$515.90

- Weather protection IP65
- Diecast aluminium body powder coated black
- Energy efficient LED floodlight, lower running costs



PIERLITE
professional lighting solutions

LITELUX COLOUR SELECT LED DOWNLIGHT GEN II

GTSDLP63/4/65FWG2

Ex GST \$12.00

+ GST \$13.20

- Select Colour temperature from 3000K/4000K/6500K with switch located on the back
- Superior thermal performance, leading to a longer life



PIERLITE
professional lighting solutions

PIERLUX LED ECO HIGHBAY GEN 4

GTSECOHB150W850G4

Ex GST \$229.00

+ GST \$251.90

- Magnesium alloy body (with black powder coat) with PC lens
- 5000K colour temperature
- IP65 protection rating

5% EXTRA OFF ON eBRANCH!
TYPE THE PROMO CODE ECON AT CHECKOUT



PIERLITE
professional lighting solutions

ORION ECO COLOUR SELECT LED OYSTER

GTSORN16W3/4/6K

Ex GST \$39.00

+ GST \$42.90

GTSORN23W3/4/6K

Ex GST \$44.00

+ GST \$48.40

- Select Colour temperature from 3000K/4000K/6500K with switch located inside the diffuser
- White removable trim to enhance the appearance

5% EXTRA OFF ON eBRANCH!
TYPE THE PROMO CODE ECON AT CHECKOUT



PIERLITE
professional lighting solutions

ECO LED PANEL GEN II

GTSECOPL21234E

Ex GST \$54.00

+ GST \$59.40

GTSECOPL212365E

Ex GST \$54.00

+ GST \$59.40

- L70 50,000hrs 3 year warranty
- Rated average design life 35,000 hrs
- High efficiency low glare opal diffuser for even illumination

5% EXTRA OFF ON eBRANCH!
TYPE THE PROMO CODE ECON AT CHECKOUT



PIERLITE
professional lighting solutions

ECO LED BATTEN GEN II

GTSECOBAT404E4

Ex GST \$64.00

+ GST \$70.40

- Quick and easy to install with unpluggable insect proof sealed LED module
- Colour temperature 4000K, 54000hrs to L70
- Wide steel body covers up conventional batten fixing point

5% EXTRA OFF ON eBRANCH!
TYPE THE PROMO CODE ECON AT CHECKOUT



PIERLITE
professional lighting solutions

BWP ECO LED WEATHERPROOF BATTEN

GTSBWPECO454E4

Ex GST \$64.00

+ GST \$70.40

- Weather protection IP65 LED Batten
- Polycarbonate body with durable foam seal and frosted prismatic polycarbonate lens resists impact (IK08)



DIGINET
CONTROL SYSTEMS

SMART SCAN SENSOR MKII

GTSDGSMARTSCAN1HD

Ex GST \$99.00

+ GST \$108.90

- High sensitivity 360° detection array designed for both minor and major movement applications
- Unobtrusive, 60mm diameter flush-mount design



HOLE SAW SELECTION MADE EASY

Auslec/L&H has partnered with The L S Starrett Company to provide **Total Hole Saw Solutions**.

Electrical Contractors can depend upon Auslec/L&H to supply exceptional quality Starrett hole saws for applications on job sites or in workshops across Australia.

According to Starrett Australia's General Manager Peter Robertson, the Starrett name on a hole saw provides assurance that strict quality control and state of the art manufacturing processes continue to deliver the most durable tools available.

"The Starrett Bi-Metal hole saw range has recently undergone a makeover and now includes both Fast Cut and Deep Cut ranges", said Peter. "These new ranges are included in the Product Selection Guide which is available in every Auslec/L&H branch.

- The **Fast Cut Bi-Metal saw** combines a new tooth material with a new tooth design for improved heat and wear resistance and delivers a smoother, faster cut. Specifically suited to cutting Stainless Steel

and Mild Steel Sheet up to 3mm thick, this range is 41mm deep and is available in sizes from 14mm to 210mm.

- The **Deep Cut Bi-Metal saw** combines the tried & tested Dual Pitch tooth profile with a new tooth material for improved wear and heat resistance. With aggressive material penetration, this range is suited to different metals over 3mm thick. Sizing is 51mm deep and is available in diameters from 19mm to 210mm.
- The **Cordless Smooth Cut Hole Saw** is better known as the GSC range. For use with battery-powered tools, this hole saw is complete with arbor, pilot drill and ejector spring. Ready for use on Stainless Steel and Mild Steel sheeting along with thin plastics and wood. Recommended cutting depth is up to 2mm and the range is available in sizes from 16mm to 51mm

Down light installations have been made easy with the **Multi-Purpose Hole Saw**. Suited for cutting plaster

board, cement sheet, MDF, PVC and even ceramic tile. This carbide tipped range is 51mm deep and available in sizes from 19mm to 159mm.

Attaching a towel rail on a tiled wall is now a breeze with the Starrett **Diamond Tile Drill**. For small diameter holes into Porcelain, Ceramic, Glass and Stone up to 12mm thick, your task will be easy thanks to the Starrett **Drill Guide** which eliminates the need for a pilot drill.

In concluding, Peter said, "For more than 135 years, trades people have relied on Starrett to provide innovative, cost effective solutions with consistent quality and performance. Smooth cutting, less wear and increased heat resistance are just some of the features found in the Starrett Hole Saw range available at Auslec/L&H".



IT'S TOOLTIME



AUSLEC/L&H IS
THE KEY TO
SAVING
ON TOOLS AND
ACCESSORIES!!





TOOLS

Wattmaster

THE BRAND ELECTRICIANS RELY ON

THE HEADS UP ON HAND TOOLS

There are very strict standards for working live with 1000V hand tools. Under IEC standards all hand tools need to meet IEC EN60900 standard to be approved for working live. In order to meet the EN600900 standard, a number of tests need to be conducted and passed before approval is granted.



ELECTRICAL TEST

After immersing in water for 24 hours the tools are tested at 1000 V.A.C for 3 minutes. Simultaneously, any leakage current is also measured. Neither a spark over from the insulation to the bare pliers head nor a breakdown through the insulation is acceptable.



IMPACT TEST

A hammer falls onto the tools in three different spots. Testing is performed at -25°C and +23°C. If the handles have not cracked then they have passed the impact test.

All Wattmaster 1000V rated pliers and screwdrivers have undergone and surpassed the above tests and are marked with the VDE approval stamp to ensure customers can buy and use these products with absolute confidence.

Speak to your local Auslec/L&H branch to find out more.

INSULATION TEST

Prior to testing the tools are heated and weights are loaded onto the hanger. The tools are then tested after they have been removed from the heat. If the handles remain attached then they have passed the insulation test.



FLAME RETARDANT TEST

A flame is applied to the tools. If the flame is less than 12cm after the heat has been removed then they have passed the flame retardant test.



STAMP TEST

A 20N indenter is applied to the centre of the handles. If the tools pass the electrical test in this instance then they have passed the stamp test.



TOOLS



M18™ REDLITHIUM-ION™ HIGH OUTPUT 6.0AH BATTERY

MIWM18HB6

- 50% more power
- Runs 50% cooler
- Battery fits all M18™ tools



M18™ REDLITHIUM-ION™ HIGH OUTPUT 12.0AH BATTERY

MIWM18HB12

- 50% more power
- Runs 50% cooler
- Battery fits all M18™ tools



M18 FUEL™ ONE-KEY™ POWER PACK 2A

MIWM18ONEPP2A-502C

- M18 FUEL™ 13mm Hammer Drill/Driver w/ ONE-KEY™ (Tool only) (M18ONEPD-0)
- M18 FUEL™ w/ ONE-KEY™ ¼" Hex Impact Driver (Tool only) (M18ONEID-0)
- M18™ 5.0Ah REDLITHIUM-ION™ Battery (M18B5)
- M12™ & M18™ Rapid Charger (M12-18FC)
- Carry Case



M12 FUEL™ COMPACT CUT OFF TOOL

MIWM12FCOT-0

- Forward and reverse modes
- Ability to cut through a variety of material
- Includes 3 x metal cut off discs, 1 x tile disc, 1 x general purpose carbide abrasive disc



4.5KG INTERCHANGEABLE TOOL CINCH

MIW48228823

- For use with tools up to 4.5kg (10lb)
- Quick connect system allows for fast tool swaps
- Colour coded by weight rating for easy identification



100M LASER DISTANCE MEASURER

MIW4933459278

- Impact resistant over mould
- Side Shot Button - ergonomic to use in all directions



4.5KG QUICK CONNECT TOOL LANYARD

MIW48228820

- Designed to reduce risks of dropped tools
- Double locking carabiner
- Colour coded by weight rating
- Shock absorbing design gradually slows tool





TOOLS

INSULATED CUTTING PLIER 203MM (8")

SUT3238

- Insulated to 1000V making it ideal for electrical tradespeople
- Precision machined knife and anvil-stye cutting edges
- Laser heat-treated for longer lasting cutting edges

\$59.00
EX GST

\$64.90
INC GST



INSULATED LINESMAN PLIER 216MM (8.5")

SUT3248

- Insulated to 1000V making it ideal for electrical tradespeople.
- Precision machined knife and anvil-stye cutting edges
- Laser heat-treated for longer lasting cutting edges
- Crosshatch pattern on jaws

\$59.00
EX GST

\$64.90
INC GST



QUICK CHANGE EXTENSION

SUTD5160300 300mm
\$12.00 EX GST \$13.20 INC GST

SUTD5160450 450mm
\$13.50 EX GST \$14.85 INC GST

SUTD5160600 600mm
\$22.00 EX GST \$24.20 INC GST

SUTD5160900 900mm
\$32.00 EX GST \$35.20 INC GST

- 1/4" hex shank suits quick-change adaptors
- Recessed quick change spring-loaded sleeve prevents accidental release
- Tapered head design guides the extension through the hole
- Slim diameter passes through 18mm (11/16") hole

FROM \$12.00
EX GST

\$13.20
INC GST



\$120.00
EX GST

\$132.00
INC GST

BLUE BULLET DRILL SET WITH BONUS BONDHUS HEX KEY SET

SUTD102SM3BNS

- 25 piece Metric Drill Set (sizes: 1.0 - 13.0 x 0.5mm rises)
- BONUS Bondhus metric 9 piece Ball End Hex Key set (sizes: 1.5, 2, 2.5, 3, 4, 5, 6, 8 & 10mm)

suttontools



TOOLS



~~\$1,199.00~~ **\$1,090.00** EX GST
INC GST

 Quality and reliability is our tradition
KYORITSU
distributed by **F.T.N**

PORTABLE APPLIANCE TESTER

EAT6205

- Complies to AS/NZS 3760 Standard
- Simple one button operation
- Pass/Fail result with Colour (Red/Green) status backlight
- Internal Memory for up to 999 test results
- Printer Compatible for customised tag printing



~~\$2,583.90~~ **\$2,349.00** EX GST
INC GST

PRINT KIT

EAT6205PRINTKIT

- Complete tester & printer kit
- Comes with everything required to test and tag including Tester, Printer, labels and accessories
- USB key for printer setup and user customised test labels (company logo and contact details)
- Thermal transfer printer ensures long tag life (no fading)
- Software for data transfer to a PC
- Heavy duty plastic carry case with premium custom foam cutouts to transport and protect equipment



TOOLS



FROM
\$690.00 EX GST
\$759.00 INC GST

EXTENSION LADDER

WNRFS20407 3.9/6.4M

\$690.00 EX GST \$759.00 INC GST

WNRFS20408 4.2/6.9M

\$720.00 EX GST \$792.00 INC GST

- Sturdy, Electro-Safe™ fibreglass construction, offers resistance to twist and sway when working at heights
- Industrial Duty Rated 130kg load rating
- Fitted with pole support 'V' bracket



FROM
\$254.00 EX GST
\$279.40 INC GST

DUAL PURPOSE 2 IN 1 LADDER

WNRFS13668 1.8/3.2M

\$254.00 EX GST \$279.40 INC GST

WNRFS13669 2.1/3.8M

\$299.00 EX GST \$328.90 INC GST

- 150kg industrial rated
- Dual Purpose 2 in 1 ladder with tree/pole support
- Suitable for use on Industrial sites
- V Rung for increased stability
- Electro-Safe™ non-conductive
- Made to AS/NZS1892.3
- Easily converts to a single ladder



FROM
\$275.00 EX GST
\$302.50 INC GST

PUNCHLOCK STEPLADDER

WNRFS10484 1.2M

\$275.00 EX GST \$302.50 INC GST

WNRFS10485 1.8M

\$345.00 EX GST \$379.50 INC GST

WNRFS10487 2.4M

\$475.00 EX GST \$522.50 INC GST

- Stronger, lighter and more durable
- Punchlock® tread design and deep fascia top caps increase torsional rigidity
- Industrial Rated Extra Heavy Duty - 150kg load rating
- Strong, fibreglass construction with triangular plate bracing



FROM
\$445.00 EX GST
\$489.50 INC GST

PUNCHLOCK PLATFORM STEPLADDER

WNRFS10721 0.9M

\$445.00 EX GST \$489.50 INC GST

WNRFS10722 1.2M

\$499.00 EX GST \$548.90 INC GST

WNRFS10724 1.8M

\$690.00 EX GST \$759.00 INC GST

- Punchlock® tread design increases torsional rigidity
- 150kg Industrial Duty Rated
- Electro - Safe™ (non-conductive)
- Wide, anti-slip platform (490x400mm) for a secure work area
- Multi function handrail/ accessories holder
- Made to Australian and New Zealand Standards AS/NZS 1892.3



FROM
\$139.00 EX GST
\$152.90 INC GST

BAILEY LADDERS

SAFETY GATE (TO SUIT PRO PLATFORMS)

WNRFS13647

- Easy to fit safety gate suits all Pro Platforms
- Safety Gates now required for many industrial sites
- Anti-slip surfaces and feet
- Industrial 150kg Load Rated



TOOLS

Energizer



**ENERGIZER'S
BRIGHTEST
HEADLIGHT YET!**

\$45.00
EX GST

\$49.50
INC GST

VISION ULTRA HEADLIGHT

EVEE301373700

- 400 lumens dimmable output
- 50 hour run time
- 80 metre beam distance
- Water resistant
- Low battery indicator



\$12.00
EX GST

\$13.20
INC GST

DOLPHIN MINI TORCH

EVEE301312000

- Tough, waterproof & floats
- Can use 2 AA or 4 AA batteries. (4 AA batteries included)
- 65 lumens
- Runtime 35 hours with 4 AA or 15 hours with 2 AA batteries
- 55 metre beam distance



\$22.00
EX GST

\$24.20
INC GST

HARDCASE MULTI USE LIGHT

EVEE301150100

- 75 lumens
- 30 metre beam distance
- IPX4 weatherproof
- Survives 7 metre drop
- Magnetic to allow hands free operation



LIGHTING

ROBUS®



VEGA LED EMERGENCY BULKHEAD

LGARVE1440EF-01 (WHITE)
LGARVE1440EF-04 (BLACK)
LGARVE1440EF-24 (GREY)

- Available in white, black or grey trim versions
- Fully Polycarbonate construction providing resistance to corrosion and high impact rating of IK07
- 3 hour emergency duration with 130lm lumen output in emergency mode
- 12% of maintained output
- Suitable for use in apartment stairs & corridors, covered walkways, patios & decking areas, path & driveways, public toilets and changing rooms

\$135.00 EX GST **\$148.50** INC GST



MOTION DETECTOR

LGAL180B-01

- Suitable for surface indoor and outdoor sheltered applications
- Injection moulded ABS body providing high impact resistance
- 180 degree detection with manual override facility with automatic reset after 8 hours
- Adjustable time delay of 10 sec to 4 min ensures that lighting is switched off with required delay
- No minimum load requirements

\$26.95 EX GST **\$29.65** INC GST



REMY LED FLOODLIGHT

LGARRE1040A-04 10W (REPLACEMENT FOR 20W METAL HALIDE/75W HALOGEN FLOOD)

\$24.00 EX GST **\$26.40** INC GST

LGARRE2040A-04 20W (REPLACEMENT FOR 35W METAL HALIDE/150W HALOGEN FLOOD)

\$39.00 EX GST **\$42.90** INC GST

LGARRE3040A-04 30W (REPLACEMENT FOR 50W METAL HALIDE/200W HALOGEN FLOOD)

\$52.00 EX GST **\$57.20** INC GST

LGARRE5040A-04 50W (REPLACEMENT FOR 80W METAL HALIDE/350W HALOGEN FLOOD)

\$68.00 EX GST **\$74.80** INC GST

- Polycarbonate housing with tempered glass providing high impact rating of IK07
- Prewired with 1m of flex with pre-drilled, angle mounting bracket for fast & simple installation
- No warm up or cool down period required by LED
- Suitable for use in decking areas, drives, pathways, sign illumination, wall washing, atriums, patios, car parks, garages and industrial units

FROM **\$24.00** EX GST **\$26.40** INC GST



SULTAN LED EMERGENCY CORROSION PROOF

LGARSU485012E-24

- LED replacement for 2 x 36W fluorescent corrosion proof fitting
- 50,000 hour average lamp life
- 3 hour emergency duration complete with test switch and 350lm lumen output in emergency mode
- IP65 rated for external applications with high impact rating of IK08
- Suitable for workshops, garages, warehouses, car parks, farm buildings and wet areas

\$145.00 EX GST **\$159.50** INC GST



EXTERNAL PIR SENSOR

LGAR110PIR3W-24

- Weatherproof IP66 housing
- 3 wire to cater for switches that have a neutral wire with manual override facility
- Detection angle of 110 degrees with adjustable detection range from 1.2m to 15m
- Duration setting adjustable from 10 seconds to 20 minutes
- LED load max 300W, Fluorescent load max 500W and Resistive load max 2000W

\$69.95 EX GST **\$76.95** INC GST



VEGA LED BULKHEAD

LGARVE1440F-01 (WHITE)
LGARVE1440F-04 (BLACK)
LGARVE1440F-24 (GREY)

- Available in white, black or grey trim versions
- Fully Polycarbonate construction providing resistance to corrosion and high impact rating of IK07
- LED replacement for 32W T8 fluorescent surface fittings
- Comes with stainless steel tamper proof screws
- Suitable for use in apartment stairs & corridors, covered walkways, patios & decking areas, path & driveways, public toilets and changing rooms

\$75.00 EX GST **\$82.50** INC GST



LIGHTING



SULTAN LED CORROSION PROOF

LGARSU485012-24

- LED replacement for 2 x 36W fluorescent corrosion proof fitting
- 250,000 hour average lamp life
- IP65 rated for external applications with high impact rating of IK08
- Suitable for switching by PIR, Microwave or Photocell
- Suitable for workshops, garages, warehouses, car parks, farm buildings and wet areas

\$79.00
EX GST

\$86.90
INC GST



FINCH LED EMERGENCY TWINSPOT

LGARFN560120AU-01

- LED replacement for 2 x 20W halogen twin spots
- Fully polycarbonate IP20 housing
- Includes manual test switch and LED indicator
- 20mm conduit entries in side and back key hole mounting slots
- Suitable for use in industrial units, workshops, warehouses, showrooms, shops and stores, schools, gymnasiums, health centres, hospitals and churches

\$80.00
EX GST

\$88.00
INC GST



REMY LED FLOODLIGHT WITH PIR SENSOR

LGARRE2040PA-04

- LED replacement for 35W Metal Halide/150W Halogen flood lights
- Polycarbonate housing with tempered glass providing high impact rating of IK07
- Prewired with 1m of flex with pre-drilled, angle mounting bracket for fast & simple installation
- Comes with PIR sensor with adjustable time 10 seconds to 10 minutes, detection range of 7 - 10 metres and light level of 10lx to 2000lx
- Suitable for use in decking areas, drives, pathways, sign illumination, wall washing, atriums, patios, car parks, garages and industrial units

\$44.00
EX GST

\$48.40
INC GST

ROBUS®

ROBUS GO

THE LED GROUP IS EXCITED TO INTRODUCE THE **ROBUS GO** LOYALTY APP TO AUSTRALIAN CUSTOMERS!

Earn points on thousands of **ROBUS** products then redeem them for gift cards from a range of popular retailers!



\$10 Voucher = 150 points, \$50 Voucher = 650 points,
\$20 Voucher = 280 points, \$100 Voucher = 1200 points

SCORE DOUBLE POINTS ON ANY **ROBUS** PRODUCTS FEATURED IN THIS ISSUE OF ECON WHEN PURCHASED FROM AUSLEC/L&H BRANCHES!

Unique Code: 24391-65788-01954. Offer valid 1/10/18 to 31/12/18



DATA & AV



\$1,100.00 EX GST **\$1,210.00** INC GST

CCTV KIT

MAT50MM-LN8CH2TB4B

- Complete project starter pack for CCTV security monitoring
- Day and night vision
- NVR complete with 2TB storage
- NVR has built in 8 channel switch capacity
- 4 High definition x CCTV bullet cameras with 4MP 1080P fixed focus 3.6mm lens with 25 metre Infrared night vision



\$210.00 EX GST **\$231.00** INC GST

HD DOME IP CAMERA

MAT50MM-LD5MPFLIR35

- 4 mega pixel HD resolution 2592x1944 20/30 FPS 15FPS @ 5MP
- ONVF industry standard support mobile viewing
- IR distance 20-35M
- POE LAN connection
- Ingress protection rating IP66



For the Best



2MP HD IP BULLET CAMERA

MAT50MM-WB2MPFLIR40

- Bullet camera Wi-Fi connection
- 2MP 1080P resolution
- 3.6mm fixed lens
- IR range 35-40m. Required 12V DC adapter

\$120.00 EX GST **\$132.00** INC GST



\$860.00 EX GST **\$946.00** INC GST

CCTV WIFI DOME KIT

MAT50MM-WN8CH2TB4D

- Complete project starter pack for CCTV security monitoring.
- Day and night vision
- 4 x CCTV dome Wi-Fi cameras fixed focus 3.6mm lens high definition with 15-20 metre night vision
- 1080P Wireless (Wi-Fi) NVR with 2TB storage
- Wireless CCTV solution, 2MP Wi-Fi camera 1080P
- Mobile device app for iOS and Android



THE FUTURE OF THE INTERNET OF THINGS

As manufacturers develop better ways of increasing appeal of their products to improve our lives, many of them are seeing that the application of 'Internet of Things' (IoT) to their range of products is enabling previously disconnected home appliances within the home to transform the way we live, communicate and keep our families safe.

For those asking the question, "What is IoT?" and how is it going to affect us?", here's a simple explanation.

IoT is best described as being the connection of devices that were previously not part of the internet eco system. It is the connection to the internet of home products that we use in our daily lives such as our computers, devices and mobiles phones.

An example of a product that we all use each day is the humble refrigerator. The redesign of this appliance with built in WIFI, display and software connects this appliance to the internet. The connection allows the user to automate their shopping and have what groceries are consumed automatically replenished and delivered to the home. This example demonstrates how a previously known appliance through connecting to the internet can improve its functionality and reduce the burden of shopping and keep our homes replenished with fresh food.

There are many examples of the IoT being applied to the home. Another example is home automation, where the home owner can access the security systems or

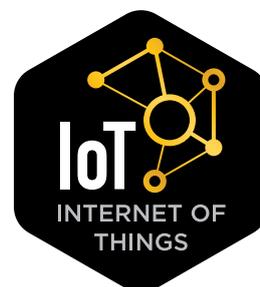
major functions of the home via a mobile, tablet or smart device. Lighting and air-conditioning are obvious technologies that we can connect to and control even though we are not home.

With all these advancements in technology and the use of internet in our daily lives outside of computers and mobiles, the IoT of the closed-circuit television security system has been changing the way we keep our homes better protected.

The Matchmaster range of CCTV security systems is directly take advantage of the IoT revolution by offering full remote access to your home or workplace. The mobile applications for computer, mobile or tablet allows you to watch real time vision or previously recorded vision directly into the palm of your hand. This is another great example of how IoT, the internet of things will improve the quality of our lives and in this case, enhance the safety of our homes and loved ones.

Matchmaster security systems are suitable for home and offices including small business applications. These systems use the latest technology in IP and network video recording offering full HD 1080P all the way through to 4K high resolution. These systems come in wired and wireless configurations with high grade video processing and recording capacity up to 24TB (6TB x 4HDD).

Talk to your local Auslec/L&H branch for more information.



Matchmaster
TV Reception Systems

For the Best



CIRCUIT PROTECTION

CLI56RCGY SHOWN



RESIDUAL CURRENT DEVICE

CLI56RCGY (2 POLE 250V 20A)
\$149.95 EX GST \$164.95 INC GST
 CLI56RCLEGY (2 POLE 250V 20A LESS ENCLOSURE)
\$145.45 EX GST \$160.00 INC GST

- 56 Series space saving single module design
- 30mA RCD protection
- IP66
- Durable Grey polycarbonate cover on PVC base
- Compliant to AS/NZS 3003

FROM

\$145.45 EX GST **\$160.00** INC GST



RCD PROTECTED SOCKET

CLI56C310RCGY (250V 10A 3 FLAT PINS SURFACE MOUNT)
\$189.95 EX GST \$175.95 INC GST
 CLI56C315RCGY (250V 15A 3 FLAT PINS SURFACE MOUNT)
\$129.95 EX GST \$142.95 INC GST
 CLI56C520RCGY (500V 20A 5 ROUND PINS SURFACE MOUNT)
\$349.95 EX GST \$384.95 INC GST
 CLI56C532RCGY (500V 32A 5 ROUND PINS SURFACE MOUNT)
\$499.95 EX GST \$545.55 INC GST

- 56 Series modular design
- 30mA RCD protection
- IP66
- Durable Grey polycarbonate cover on PVC base
- Compliant to AS/NZS 3003
- 10A & 15A products have space saving enclosures

FROM

\$129.95 EX GST **\$142.95** INC GST

CLI56C520RCGY SHOWN

CLI56SC520RCGY SHOWN



RCD PROTECTED SWITCHED SOCKET

CLI56SC315RCGY (250V 15A 3 FLAT PINS, SURFACE MOUNT)
\$199.45 EX GST \$219.40 INC GST
 CLI56SC520RCGY (500V 20A 5 ROUND PINS SURFACE MOUNT)
\$349.95 EX GST \$384.95 INC GST
 CLI56SC532RCGY (500V 32A 5 ROUND PINS SURFACE MOUNT)
\$379.95 EX GST \$417.95 INC GST

- 56 Series modular design
- 30mA RCD protection
- IP66
- Durable Grey polycarbonate cover on PVC base
- Compliant to AS/NZS 3003
- CLI56SC310RCGY has space saving enclosure

FROM

\$199.45 EX GST **\$219.40** INC GST

CLI56CB4GY SHOWN



DIN RAIL MOUNTING COVER KIT

CLI56CB4GY (GREY POLYCARBONATE)
\$26.95 EX GST \$29.65 INC GST
 CLI56CB4NGY (NEON GREY POLYCARBONATE)
\$29.95 EX GST \$32.95 INC GST
 CLI56CB4NRO (NEON, RESISTANT ORANGE)
\$34.95 EX GST \$38.45 INC GST

- 56 Series modular design
- Orange acid-resistant or Grey polycarbonate material
- Accepts 4 module DIN equipment including RCD, MCB, RCBO etc
- IP66
- Compliant to AS/NZS 3003
- Includes DIN rail & mounting brackets

FROM

\$26.95 EX GST **\$29.65** INC GST

CLIPSAL
 by Schneider Electric



SWITCHES & OUTLETS



SHALLOW QUICK MOUNTING BLOCK

CLI3000SM-VW

- 32mm deep
- Quick & easy push fix for installing power points (Push-In technology)
- Quick & easy conduit click for fast conduit connection (Clip-In Technology)
- Better access to mounting screws
- Wiring's device screws fully isolated
- Easy break conduit knock-out for better finish

\$4.85
EX GST

\$5.34
INC GST



QUAD SOCKET ICONIC MOUNTING BLOCK

CLI3004M-VW

- Quick & easy push fix for installing power points (Push-In technology)
- Capable to be mounted into standard 84mm centres
- Better access to mounting screws
- Wiring's device screws fully isolated
- Easy break conduit knock-out for better finish

\$10.95
EX GST

\$12.05
INC GST



WISER ICONIC BLUETOOTH DIMMER WITH CONTROL LINK

CLI41EPBDWCLM-VW

- 300W, 3 wire
- Superior In-room app controlled dimming
- Simple smart timer and scheduling functions built in
- Multiway dimming with ControlLink
- 3 wire design for optimised LED control and true 0-100% dimming
- Fast and simple configuration of dimming modes, min/max brightness and other settings such as LED indicator function – All from the Wiser Room App

\$94.95
EX GST

\$104.45
INC GST



WEATHERSHIELD SINGLE GANG SWITCH

CLIWS226RG

- Weatherproof robust housing, IP66 rated
- Suits 20A/16AX resistive and fluorescent load current
- Surface mount
- Soft touch switch for non-slip grip
- Multiple rear and side entry points

\$18.45
EX GST

\$20.30
INC GST



ICONIC PIR MOTION SENSOR MECH

CLI41EPIRM-TN

- 750W, 3 wire
- Motion activated switch for convenient hands free control
- Built in adjustable 5 sec - 15 min timer to save energy
- Easy to configure with front facing timer and lux level adjusters
- Suitable for use in architrave plates or in 1-3 gang Iconic wall plates

\$89.95
EX GST

\$98.95
INC GST



WEATHERSHIELD SINGLE PHASE ISOLATING SWITCH

CLIWHB12RG

- Weatherproof robust housing, IP66 rated
- Single phase, 20A, 250V rated
- Surface mount
- Reliable co-injected seals
- Multiple rear and side entry points
- Includes DIN rail & mounting brackets

\$19.95
EX GST

\$21.95
INC GST

CLIPSAL
by Schneider Electric



LIGHTING



ESSENTIAL SMARTBRIGHT DOWNLIGHT GEN 3

PHIESB3LED8CCTTLE

- Select from 3 colour temperatures with a slide of the dial
- 10W, 800lm, 3000K/4300K/6500K
- Trailing/ leading edge dimmable, brushed aluminium trim included
- 85-95mm cut-out
- Easy to install and IC-4 rated with 3 years warranty
- Suitable for residential, general lighting areas, corridors & retail

\$12.00 EX GST **\$13.20** INC GST



SMARTBRIGHT WIDE WATERPROOF BATTEN

PHISBWPLED20NW2FT (20W, 2100LM, 4000K, NW, FIXED OUTPUT, 2FT)

\$49.00 EX GST \$53.90 INC GST

PHISBWPLED40NW4FT (40W, 4100LM, 4000K, NW, FIXED OUTPUT, 4FT)

\$64.00 EX GST \$70.40 INC GST

- Wider base for direct replacement of T8 battens
- Multiple knock-out options, large terminal and through wiring possible
- Available in emergency option (Lithium-ion battery), AS2293 compliant with 3 years warranty
- Ideal for indoor car parks, stairwells and industrial applications

FROM

\$49.00 EX GST **\$53.90** INC GST



SMARTBRIGHT BULKHEAD

PHISBBLED10NWFOV (OVAL)
PHISBBLED10NWFRD (ROUND)

- Available in Round or Oval
- Bright and energy efficient
- 15W, 1000lm, 4000K, NW, fixed output
- Optional knock-out, large terminal
- IP65 rated suitable for outdoor use with 3 year warranty
- Ideal for residential, back of house areas & walk-ways

EACH

\$24.00 EX GST **\$26.40** INC GST



SMARTBRIGHT SLIM PANEL

PHISBSPLED36NWFRF

- Energy efficient edge lit panel
- Comfortable light with minimal glare
- Recessed, 3600lm, 4000K, NW, Fixed, 297x1197mm
- 3 year warranty
- Ideal for commercial buildings and general lighting

\$55.00 EX GST **\$60.50** INC GST



SMARTBRIGHT BATTEN

PHISBWPLED20NW2FT (20W, 2100LM, 4000K, FIXED OUTPUT, 2FT)

\$49.00 EX GST \$53.90 INC GST

PHISBWPLED40NW4FT (40W, 4100LM, 4000K, FIXED OUTPUT, 4FT)

\$64.00 EX GST \$64.90 INC GST

- Surface mount direct to ceiling, no visible brackets
- Multiple knock-out options, large terminal and through wiring possible
- Available in emergency option (Lithium-ion battery), AS2293 compliant
- 3 year warranty
- Ideal for warehouses, back of house areas, indoor car parks & factories

FROM

\$49.00 EX GST **\$53.90** INC GST



SMARTBRIGHT LED SECURITY LIGHT

PHISBSLLED20NWF

- 2x15W, 2000lm, 4000K, NW, fixed output
- Wide detection range and brighter light output
- PIR motion sensor activated with manual overwrite option for flexibility
- Easy to install with adjustable twin head
- 3 year warranty

\$59.00 EX GST **\$64.90** INC GST



GREENPERFORM HIGHBAY G3

PHIBY698P160L4KFW

- 120W, 16000lm, 4000K, Fixed Output, Wide Beam, 3M flex cable
- System efficacy of 130lm/W with superb light quality
- Lifetime of 50,000 hours at L70B50• Safe and reliable – IP65/IK07 rating, VEET and IPART approved
- Ideal for production areas, warehouses and general open spaces

\$229.00 EX GST **\$251.90** INC GST

PHILIPS



STAY SAFE ON SITE

Check out your local
Auslec/L&H branch for
all things Safety!



HOW SAFE IS YOUR LADDER?

Working at height carries risk. So why add to it by using an old or not-fit-for-use ladder?

Trade in your old ladder to **RECEIVE 10% OFF** Bailey Single Sided and Double Sided Step Ladders, Dual Purpose Ladders & Platform Ladders!*

**THINK YOUR
CURRENT LADDER
IS SAFE?**

Find out at
www.lh.com.au/bailey



WNRFS13668

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LADDERS

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LEC**

* Promotion runs 1/10/18 - 30/11/18

A Sonepar Company

BAILEY LADDERS

PLATFORM

AS/NZS 1892: PORTABLE LADDERS

Ladder Safety



INSPECTION

Check for bends, cracks and signs of fatigue. Do not use if ladder is damaged.



TRANSPORTATION

Fasten ladder securely to prevent damage from chafing and road shock.



STABILITY

Ensure ladder is used on firm and level ground and lash if necessary.



LOCKING DEVICES

Ensure spreader arms, platforms and latches are fully engaged.



FOOTWEAR

Always use fully enclosed and slip resistant footwear.



DO NOT OVERREACH

Always keep your 'belt buckle' inside the footprint of the ladder.



DO NOT USE PLANKS

This ladder is NOT designed to support a plank.



ONE PERSON ONLY

This ladder is designed for one person only.



DO NOT OVERLOAD

The load rating of this ladder includes the user and materials.



FALLING OBJECTS

Remove any loose objects before relocating this ladder.

DO NOT USE THIS LADDER

IF YOU TIRE EASILY OR ARE SUBJECT TO FAINING SPELLS, ARE USING MEDICATION, DRUGS OR ALCOHOL, ARE PREGNANT OR PHYSICALLY HANDICAPPED.

The manufacturer/importer Werner Co. will not be responsible for damage or injury to persons through misuse of ladders.

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USE A PLATFORM STEPLADDER FOR SAFETY'S SAKE!

Changes in work practices and OH&S legislation have resulted in a decrease in the number of fatalities in the construction industry. In 2007 a little over 3 out of every 100,000 workers died in the construction industry. In 2016 the fatality rate had dropped to 1.5 out per 100,000 workers. A key driver of the reduction in workplace deaths has been a result of adopting safer methods of working at heights. In short using a platform stepladder or scaffold instead of a traditional ladder is saving lives in the construction industry.

Before undertaking any work at height, consider the operating environment, the task at hand, the people and tools required and the duration of the task.

In 2016 Safework Australia developed a model code of practice for preventing falls in the workplace. This code of practice has been adopted by every state and territory in Australia. The code of practice states that the PCBU must manage risks of a fall associated with construction work.

In order to manage risk under the WHS Regulations, the PCBU

- identify reasonably foreseeable hazards that could give rise to the risk
- eliminate the risk so far as is reasonably practicable
- if it is not reasonably practicable to eliminate the risk – minimise the risk

so far as is reasonably practicable by implementing control measures in accordance with the hierarchy of risk control maintain the implemented control measure so that it remains effective, and

- review, and if necessary revise all risk control measures so as to maintain, so far as is reasonably practicable, a work environment that is without risks to health and safety

To provide adequate protection against the risks of falls, specific control measures must be implemented where it is reasonably practicable to do so:

- Level 1 controls: Carry out any work that involves the risk of a fall on the ground or on a solid construction e.g work from the ground or a guarded structure where there is no risk of a fall from one level to another
- Level 2 controls: Carry out the work using a fall prevention device e.g a temporary work platform, a scaffold or a platform stepladder
- Level 3 controls: Carry out the work using a work positioning system e.g a travel restraint system
- Level 4 controls: Carry out the work using a fall arrest system
- Level 5 controls: If a risk remains after considering all of the control measures listed above, and there is no reasonably

practicable alternative, you must implement administrative controls. The work may also be undertaken from ladders

Where an electrical hazard exists only use a fibreglass platform stepladder

When choosing the correct ladder for the workplace, there are a number of criteria to consider.

- Domestic or Industrial – Only an industrial rated ladder with a minimum load rating of 120kg can be used in the workplace.
- Ladder height – The ladder height and maximum reach height varies depending on if you are using a stepladder or extension ladder. Before you purchase a ladder, its best to speak with staff, WH&S representatives or a height safety specialist.
- Ladder construction – An aluminium ladder is lightweight and is appropriate for general trade and DIY use, whereas a fibreglass ladder is appropriate for use where an electrical hazard exists.

Finally, more and more worksites every day are insisting that tradespeople and contractors use a Platform Stepladder when undertaking work on site. It is a trend that is sure to continue meaning that the appropriate height safety product should form part of every contractor's tool kit.



SAFETY

bolle
SAFETY



EACH
\$59.90 EX GST **\$65.89** INC GST

HUSTLER POLARISED SAFETY GLASSES

BOL1652607

- Stylish high gloss, black nylon frame
- Rubber nose pads and EVA temple tips for superior grip and comfort
- Polarised lens is ideal for all outdoor activities where there is high risk of glare
- Medium Impact (AS/NZS 1337.1.2010)



EACH
\$10.00 EX GST **\$11.00** INC GST

PRISM SAFETY GLASSES

BOL1614401 (CLEAR)
BOL1614402 (SMOKE)

- Ultra lightweight and Rimless design
- Anti scratch and fog coating
- Fully recyclable: all polycarbonate frame with no metal parts
- Medium impact (AS/NZS 1337.1.2010)
- Clear or Smoke lens



EACH
\$11.00 EX GST **\$12.10** INC GST

RUSH PLUS SAFETY GLASSES

BOL1662301 (CLEAR)
BOL1662302 (SMOKE)

- Sporty design with highly flexible, two colour temples
- Adjustable, non-slip nose bridge
- Bollé Anti Fog/Scratch Platinum coatings
- Medium impact (AS/NZS 1337.1.2010)
- Clear or Smoke lenses



EACH
\$16.70 EX GST **\$18.37** INC GST

SILIUM PLUS SAFETY GLASSES

BOL1676101 (CLEAR)
BOL1676102 (SMOKE)

- Ultra lightweight for extended wear
- Adjustable, non-slip nose bridge
- Bollé Anti Fog/Scratch Platinum coatings
- Medium impact (AS/NZS 1337.1.2010)
- Clear or Smoke lens



EACH
\$17.50 EX GST **\$19.25** INC GST

CONTOUR SAFETY GLASSES

BOL1615501 (CLEAR)
BOL1615502 (SMOKE)

- Lightweight, half frame dual lens design
- Comfortable, rubber non-slip nose bridge and TIPGRIP temples
- Bollé Anti Fog/Scratch Platinum coatings
- Anti-static, Medium impact (AS/NZS 1337.1.2010)
- Clear or Smoke lenses



SAFETY



\$13.40
EX GST

\$14.74
INC GST

ATOM GOGGLE

BOL1652801

- Extremely compact and comfortable
- TPR frame fits over prescription spectacles
- Clear, indirect vents
- Anti-Fog/Scratch Platinum coating
- Medium impact (AS/NZS 1337.1.2010)



\$27.90
EX GST

\$30.69
INC GST

SPHERE FACE SHIELD

BOL1652501

- Protection from electrical short circuit arcs
- Easy to fit with height and width adjustable headgear
- Clear visor with 180° field of vision
- High Energy impact (AS/NZS 1337.1.2010)

bolle
SAFETY

POLARISED EXPLAINED

Polarisation is a technology approved for permanent wear and certified with perfect optical quality. It offers unbeatable comfort by filtering glare and reflections and is ideal for a maritime environment.

Bollé Safety's polarising technology works like mini Venetian blinds - organising the chaotic light coming through the lens to eliminate glare and the stress it causes to eyes.

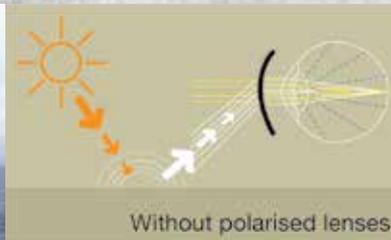
These Polarised lenses block virtually 99.99% of UVA/UVB rays resulting in protection

that goes well beyond all government and commercial standards.

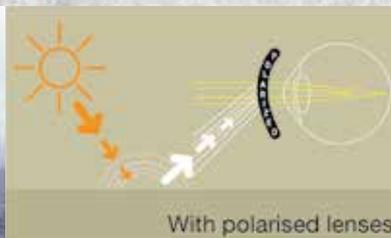
All Bollé Safety's polarised lenses are injection moulded and the optically precise polarising film is embedded into the lens ensuring it won't wear or scratch off the lens making them a perfect addition to your Personal Protection Equipment kit.

Just talk to your local Austec/L&H branch to find out more!

b POLARIZED



Without polarised lenses



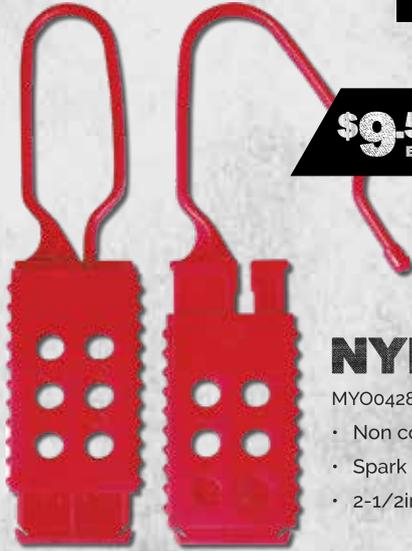
With polarised lenses





SAFETY

Master Lock



\$9.55
EX GST

\$10.51
INC GST

NYLON HASP

MYO0428

- Non conductive
- Spark proof nylon construction
- 2-1/2in (64mm) inside jaw diameter



DIELECTRIC ZENEX™ SAFETY PADLOCK

MYO0406RED

- Durable, lightweight, non-conductive Thermoplastic lock body
- 1-1/2in (38mm) wide with 1-1/2in (38mm) Tall Nylon Shackle
- Red

\$32.10
EX GST

\$35.31
INC GST



MINIATURE CIRCUIT BREAKER LOCKOUT

MYOS2394

- Universal fit, can be applied horizontally or vertically
- Thumb turn dial screw for easy attachment - no tools required

\$21.85
EX GST

\$24.04
INC GST



\$99.95
EX GST

\$109.95
INC GST

SPARKY'S STARTER LOCKOUT KIT

MYOSSK406

- Starter kit to manage common electrical risks in the workplace
- 1 x S1010 (pictured), 1 x MYO0406RED, 1 x MYO0428, 2 x MYOS2394, 1 x MAYO0497A



\$35.90
EX GST

\$39.49
INC GST

LOCKOUT TAGS - DO NOT OPERATE

MYO0497A

- Durable polyester laminate resists water, grease and extreme temperatures
- Pack of 12 tags



\$35.90
EX GST

\$39.49
INC GST

LOCKOUT TAGS - OUT OF SERVICE

MYOTAGOOS

- Durable polyester laminate resists water, grease and extreme temperatures
- Pack of 25 tags



SAFETY

\$13.10
EX GST

\$14.41
INC GST



GRIP TIGHT CIRCUIT™ BREAKER LOCKOUT

MYO0493B

- Standard single and double toggles
- Fits standard height and tie-bar toggles

\$29.20
EX GST

\$32.12
INC GST



RED ZENEX™ SAFETY PADLOCK

MYO0410RED

- Durable, lightweight, non-conductive Thermoplastic lock body
- 1-1/2in (38mm) Wide with 1-1/2in (38mm) Tall Steel Shackle
- Red

\$15.30
EX GST

\$16.83
INC GST



MINIATURE CIRCUIT BREAKER LOCKOUT

MYOS2392

- With pins facing inward
- Fits openings up to 1/2in (13mm) between lockout holes

**Master
Lock.**

THE KEY TO WORKPLACE SAFETY

IMPLEMENTING A LOCKOUT/TAGOUT SYSTEM DOES NOT HAVE TO BE DAUNTING AND TIME CONSUMING. THE SAFESITE PROGRAM BY MAYO HARDWARE DELIVERS INDUSTRY LEADING LOCKOUT/TAGOUT SOLUTIONS WITH EASE AND EFFICIENCY.

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Lock.**
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Lockout/Tagout Site Assessment



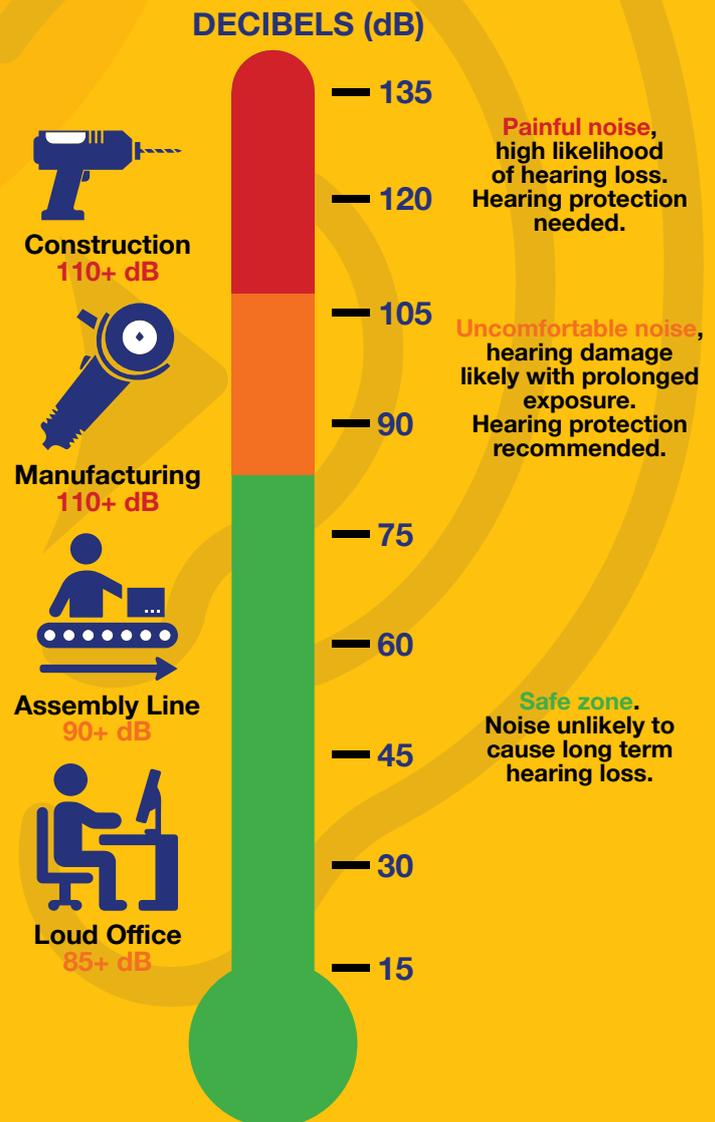
NOISE EXPOSURE IN THE WORKPLACE

DID YOU KNOW?

FOR EVERY 3 DECIBELS (dB) A NOISE HAS INCREASED, THE EXISTING NOISE HAS DOUBLED AND HENCE HALVING THE EXPOSURE TIME

Noise exposure over 85dB can cause permanent hearing loss. Harmful noises can have life long hearing loss affects, so preserving your hearing with adequate protection from the surrounding noise is Paramount.

CONTINUOUS dB	PERMISSIBLE EXPOSURE TIME
112dB	< 1 Minute
109dB	< 2 Minutes
106dB	< 4 Minutes
103dB	7.5 Minutes
100dB	15 Minutes
97dB	30 Minutes
94dB	1 Hour
91dB	2 Hours
88dB	4 Hours
85dB	8 Hours





SAFETY



\$10.80
EX GST

\$11.88
INC GST

VIPER EARMUFFS

P&AEMVIP

- General purpose hearing protector for noise levels to 110dB(A)
- Low clamping force applies minimum pressure while maintaining a tight, snug seal
- Three position headband
- Class 5, SLC80 26dB
- AS/NZS 1270:2002



PRO BULLET EARPLUGS 10 PACK

P&AEPOU10

- Disposable PU foam earplugs for noise levels to 110dB(A)
- Pairs conveniently packaged in individual poly bags
- 10 uncorded pairs per pack
- Class 5, SLC80 27dB
- AS/NZS 1270:2002

\$4.70
EX GST

\$5.17
INC GST



\$7.70
EX GST

\$8.47
INC GST

FIXED HEADBAND EARPLUGS

P&AHBEPA

- Hearing protection for noise levels to 109dB
- Disposable PU foam pads are ergonomically designed to fit the ear for maximum protection
- Class 4, SLC80 24dB
- AS/NZS 1270:2002



\$22.90
EX GST

\$25.19
INC GST

P2 ACTIVE CARBON DISPOSABLE RESPIRATOR

P&APC531

- Protects against nuisance-level organic vapours in addition to P2 rating
- Exhalation valve for increased efficiency and comfort, reduces heat build up under mask
- Latex free, box of 12 masks
- AS/NZS 1716



ARAX® CUT RESISTANT GLOVES

P&AAND

- Arax® knit technology with cut 5 protection
- Black nitrile sand dip for superior grip in wet, greasy conditions
- Anti static and contact heat resistant to 100°C
- Available in sizes 8, 9, 10 & 11

\$8.90
EX GST

\$9.79
INC GST



DAY/NIGHT SAFETY VEST

P&AVDNO

- Fluoro Orange with 'H' Back reflective tape
- Suitable for use in day, night, dawn, dusk or in poor weather conditions where there is illumination from headlights
- Available in sizes M, L, XL & 2XL
- AS/NZS 4602:2011

\$7.90
EX GST

\$8.69
INC GST

More solutions.



ControlLink offers multiway control over standard wiring.

-  ControlLink allows multiway connection and control of Clipsal Iconic pushbutton electronic mechs over standard wiring.
-  With ControlLink, the same lights can be dimmed or switched from multiple locations.
-  ControlLink lets you dim or switch separate groups of lights from different locations in the same room simultaneously.
-  ControlLink enables multiway triggering of timers and time clocks from different locations.



Learn all about the innovative Clipsal Iconic range at:

clipsal.com/iconic

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NHP's new break through range of modular Concept Panelboards features the revolutionary integrated Rapid Test earth leakage system.

NHP Concept panelboards with Rapid Test is unique and enables an entire distribution board to be tested in accordance AS/NZS 3760 within minutes ensuring maximum safety of personnel and minimising costly downtime.

The layer of smart technology allows RCD testing to be safely and quickly performed while reducing the risk of live work.

For more information, visit nhp.com.au/more/rapidconcept

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CEILING FAN

- AMTCF12
- 3 blade
 - 1200mm diameter
 - Hangsure or J-hook fixing
 - White & Silver available

\$49.00
EX GST

\$53.90
INC GST



CEILING SWEEP FAN WITH LIGHT

- AMTCFP120LEDWE
- Easy fit ABS plastic blades – No Tools
 - In-built 20W LED light
 - 3-speed rotary wall control
 - 50W AC Motor
 - 1200mm diameter
 - Suitable for raked ceilings

\$169.00
EX GST

\$185.90
INC GST



CEILING SWEEP FAN

- AMTCFP120WE
- Easy fit ABS plastic blades – No Tools
 - 3-speed rotary wall control
 - 50W AC Motor
 - 1200mm diameter
 - Suitable for raked ceilings

\$139.00
EX GST

\$152.90
INC GST



INDUSTRIAL FAN

- AMTPF26 - PEDESTAL
AMTW26 – WALL MOUNT
- 3 Speed Industrial Fan
 - 660mm Diameter
 - Available in Pedestal or Wall Mount
 - Flex and Plug included

\$165.25
EX GST

\$181.78
INC GST

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Moxa provides a full spectrum of quality products for industrial networking, computing, and automation. Their products have connected over 30 million devices worldwide in a wide range of applications, including factory automation, smart rail, smart grid, intelligent transportation, oil & gas, marine, and mining. Their industrial range includes:

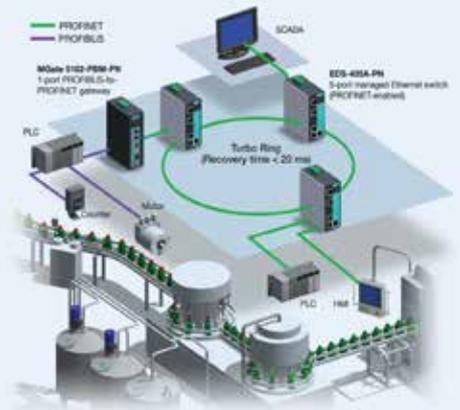
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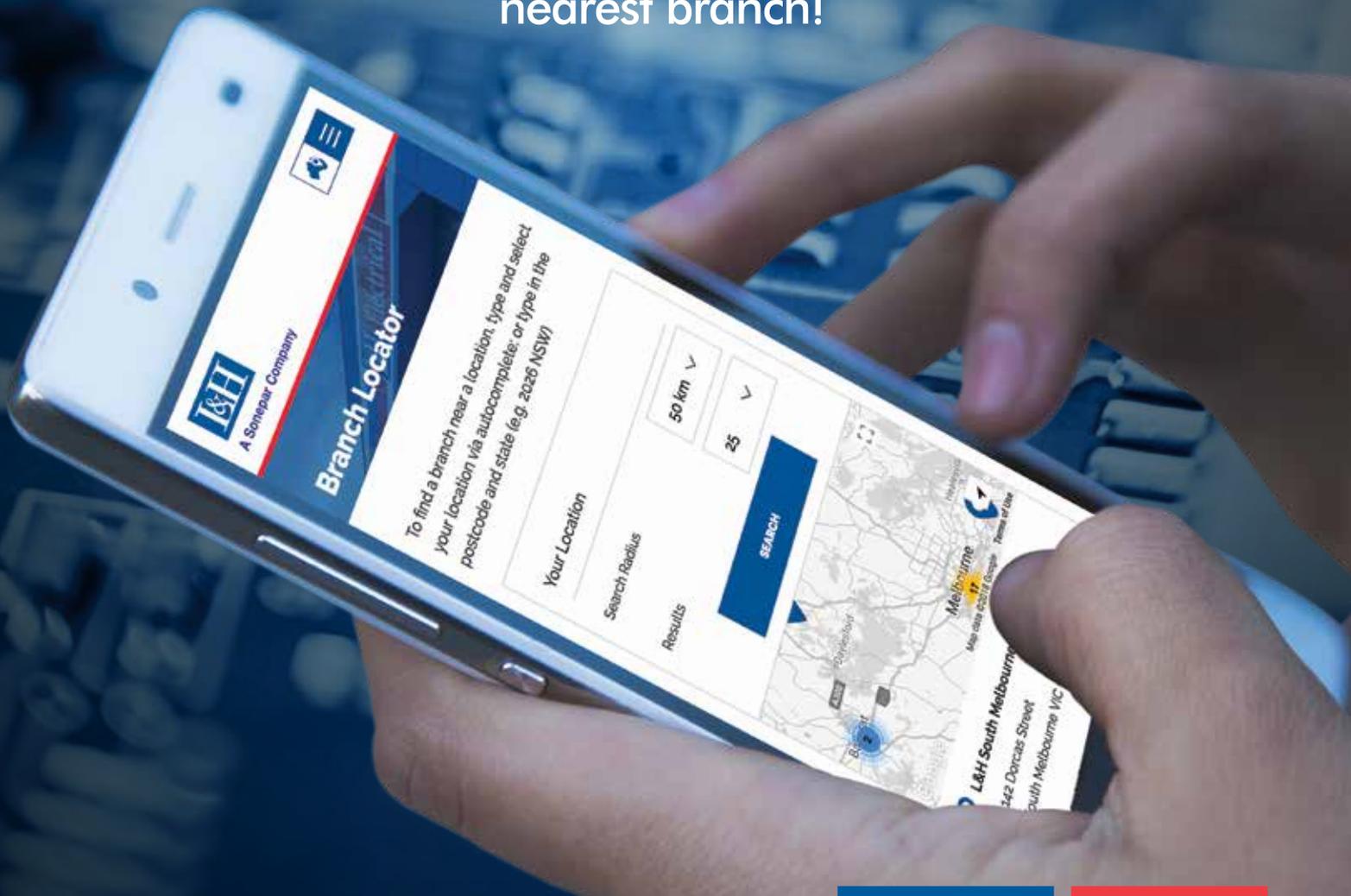


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www.auslec.com.au to locate your
nearest branch!



I&H

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FIRE PIT/COOLER/ROTISSERIE COMBO
EXCLUSIVE TO AUSLEC/L&H!
JUST SPEND \$250.00 + GST
ON **PIERLITE PRODUCTS***
FOR A CHANCE TO WIN!

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BE GIVEN
AWAY!

THE MORE
YOU SPEND
THE MORE
ENTRIES
YOU RECEIVE!



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A Sonepar Company

The promoter is L&H Group of 142 Dorcas Street, South Melbourne VIC 3205 ABN 19 730 781 473, phone: 03 9697 1560. Promotion is open to Auslec/L&H account holders only. To receive an entry into the draw, account holders must spend \$250 (ex GST) on Pierlite products during the promotional period 1/10/2018 to 30/11/2018. Multiple entries permitted, subject to the following: (a) only one (1) entry permitted per Qualifying Transaction (regardless of the amount spent in excess of \$250 (excluding GST) in that transaction); (b) each entry must be submitted separately and in accordance with entry requirements; and (c) a maximum of one (1) entry per person per day is permitted. The draws will take place at L&H South Melbourne at 11am AEDST 06/12/2018. Winners will be notified and names published on www.lh.com.au. Total prize value is \$78,500 and consists of one prize worth \$500 per branch. For full terms and conditions of entry, visit www.lh.com.au. NSW Permit No. LTPS/18/27873 SA Permit No. T18/1610.

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