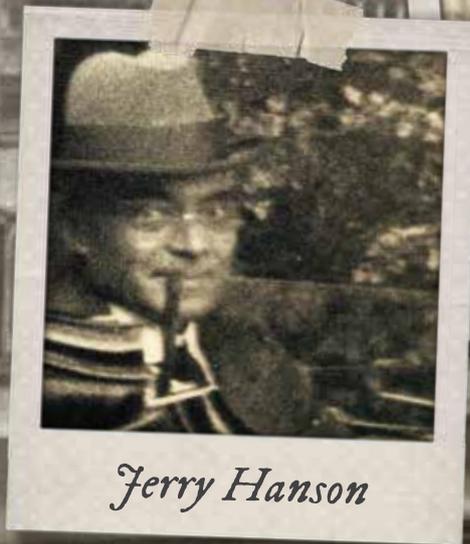


THE ELECTRICAL CONTRACTOR

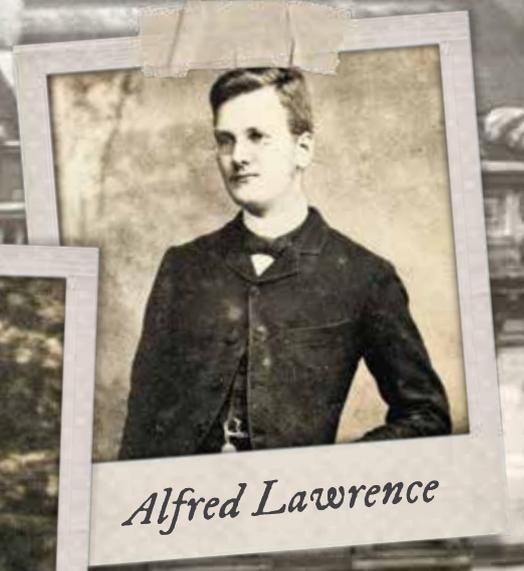
ISSUE 131

FEB/MAR 2019

ELECTRICAL APPLIANCES



Jerry Hanson



Alfred Lawrence

LAWRENCE & HANSON
ELECTRICAL APPLIANCES

BUCKET LIST

2019



A Sonepar Company

Offers only available to Electrical Account customers who are Licensed Electrical Contractors. Valid 1st February - 31st March 2019 or while stocks last

Mr Lawrence, meet Mr Hanson

In 1885 Alfred Lawrence, as an adventurous junior clerk, became Australian representative for the giant British General Electric Company and was soon to found the electrical company which would bear his name for a century and more.

Lawrence had been asked to go to Australia soon after joining the company. The British General Electric Company had asked for a volunteer from among the company's staff but it seems no-one was keen to travel Down Under. Alfred Lawrence was not exactly press-ganged into taking the post but was told that such an opportunity might only be presented to a man once in a lifetime; he took the job.

On arrival, Lawrence tramped the streets of Melbourne taking orders for BGE and relaying them back to London via telegraph but it was arduous work and failed to satisfy his ambition. In 1886, Lawrence moved to Sydney and opened the doors of 'Alfred Lawrence, Electrical Merchants, Engineers & Importers' for trading on 19 November in Wynyard Street.

Lawrence had only been in business for little more than a year and was incredulous as the much sought after lighting goods literally came in the back door from the wharves and were carried out the front by willing customers. Canny Lawrence saw what was about to happen – Sydney was about to run out of lighting. Backing his judgement and using his own capital plus some from close friends, Lawrence cabled a rush order to England for several thousand pounds worth of lighting equipment – lamps, cable and fittings, and by the time it arrived some weeks later, young Alfred virtually held the only substantial stocks of lighting equipment in the city. It was a tremendous windfall and greatly helped establish the business which had struggled.

The year was 1889 and that electric lighting pioneer Sir Henry Parkes was making his first passionate plea for 'a great national government for all Australia' during an address at Tenterfield, NSW. A mutual friend, Arthur Cox, introduced Alfred Lawrence to Arthur 'Jerry' Hanson, suggesting the two men form a partnership. Both men could immediately see the advantages – Lawrence was both snowed under with work and short of capital to do anything about it. Arthur Hanson brought a much-needed energy and acute accounting and business acumen to complement Lawrence's practical knowledge of all things electric.

That year 'The Lawrence & Hanson Electrical Company' went up on the shingle in Wynyard Street for the very first time.



A Sonepar Company



CEO MESSAGE

Change is like a holiday and at Lawrence & Hanson we have been busy shaking things up!

It gives me great pleasure to introduce myself in this issue of ECON, as the new Managing Director of this great Australian business; a business that is built on tradition and grows on innovation – all driven by our wonderful team of people who are dedicated to you, our customers.

If you'd like to, you can read more about me on page 4 of this issue where we also introduce our new group brand. The important thing to note is that whilst our logos may look a little different, the service and value that you have come to know and expect remains unchanged. Indeed, our aim is to continually improve that offering!

As usual, this issue of ECON offers a great selection of products from our Supplier partners as well as details on our BIGGEST promotion of the year – Bucket List 2019!

I look forward to meeting you in one of our branches soon!

Best regards,

**Taco van Vroonhoven, Managing Director
Lawrence & Hanson**

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www.lh.com.au

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If you any comment on anything to do with The Electrical Contractor magazine, just email us at econmagazine@lh.com.au

CONTENTS



The Electrical Contractor is printed on FSC certified paper

MR LAWRENCE MEET MR. HANSON	2
How it all began	
INTRODUCING...	4
Meet the new Managing Director	
SIMPLE WITH SIMPRO	5
Integration with simPRO	
PRODUCTS	9
New releases and more	
PRODUCTS	10
New releases and more	
SUPERIOR WEATHER PROTECTION	15
Legrand's Aqua Life range	
TOOL TIME	17
Great specials on Tools!	
MORE PRODUCTS!	25
All about Safety	
LOCATE YOUR LOCAL	32
Find your nearest Lawrence & Hanson branch	
BUCKET LIST 2019	43
The ULTIMATE promotion!	





MEET MANAGING DIRECTOR, TACO VAN VROONHOVEN

As some of you may know, since January 2018, Lawrence & Hanson has had a new Managing Director, Taco van Vroonhoven.

Originally from the Netherlands, Taco moved to Australia with his wife and five children and says that the move was a very exciting time for him both personally and professionally. "We have received a very warm welcome from so many people in Australia and have particularly enjoyed the culture of 'mateship' and friendliness which is so prevalent here".

Reflecting on his first year in the Australian business, Taco explains there have been many highlights and insights; not least of which was the customer survey and resulting feedback used to provide the Lawrence & Hanson business with an overall strategy moving forward.

In another exciting development, Taco reveals a new group brand and logo – Lawrence & Hanson, A Sonepar Company.

"The Lawrence & Hanson brand has been part of the electrical industry in Australia for over 132 years. Our new group brand and logo acknowledges the history of this great Australian business whilst positioning us to tackle the challenges over the next decade and beyond", says Taco.

If you're not aware of how the Lawrence & Hanson business was formed, take a look at the very interesting story on the inside front cover or check out the 'About' page at www.lh.com.au

In closing Taco says, "We look forward to working hard to help continuously improve our business to meet your needs and to deliver the customer service and value that you expect and deserve."

Cheers,

Taco van Vroonhoven



BUY A BALE

2018 will go down as a year of extreme conditions for Australian Farmers.

With all of New South Wales and vast parts of QLD in the grip of drought, life on the land has never been tougher.

Here at Lawrence & Hanson, we wanted to do what we could to assist our 'Country Cousins' so a call went out to the extended network of suppliers, customers and staff to raise money for the Buy a Bale program run by Rural Aid.

Designed to assist farmers and rural communities throughout Australia, this drought appeal campaign is providing meaningful support for rural communities by delivering hay and other essential items to farmers who have no feed left for their cattle.

To date, thanks to the wonderful generosity of our network, Lawrence & Hanson has raised over \$6,000 from online donations and another \$4,000 from fundraising BBQ days and donation barrels in branches all across Australia.

By donating to Buy a Bale, you will be helping not just farmers themselves but the local rural communities that are doing it hard.

To donate and help, please visit www.buyabale.com.au/donate/?supporter_id=74278





SIMPRO INTEGRATION

ECON magazine recently spoke with Ryan Thorpe from R. Thorpe Electrical Services about integrating Lawrence & Hanson catalogues, price files and invoices with simPRO software.

ECON: How long has it been since you fully integrated simPRO with Lawrence & Hanson?

RYAN: It's been a few months now. I found the integration was easy & seamless.

ECON: How has simPRO helped you (more efficiency in quotes, invoices, prices, is it time saving for you, etc)

RYAN: simPRO has assisted in giving me a better overview of where my business is at in any point in time – I have complete visibility of costs and profits. I'm able to pull reports from simPRO to get a clear indication of what materials and labour have been allocated to jobs. On top of that, invoicing and quoting is right on hand.

ECON: What about your Purchase Orders?

RYAN: Really simple now! Inputting purchase orders is now really easy as costing is immediately available and does not have to be adjusted – it's all automatic!

ECON: And finally?

RYAN: Project management is more efficient as records and information for each job are easily accessible and there's no need to search through paperwork for the information you require.



IT'S THE LAW

Isolating plant and machinery during maintenance and repair is not only best practice in ensuring nobody gets injured at work; it's also the law.

Any person 'conducting a business or undertaking' (PCBU) has an obligation to eliminate or minimise risks so far as is reasonably practicable.

According to Safe Work Australia, the Managing Electrical Risks in the Workplace Code of Practice states -

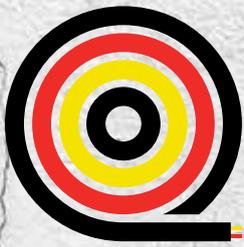
- 'The person conducting a business or undertaking (PCBU) must ensure that electrical equipment that has been de-energised to allow electrical work to be carried out on it is not inadvertently re-energised while the work is being carried out'.

- 'Only devices with an in-built lock or that have one or more padlocks fitted are suitable lockout devices'.

Speak to your local Lawrence & Hanson branch about your lockout/tagout isolation needs and ensure you & your employees are working to keep each other safe.

Please visit www.safeworkaustralia.gov.au for a full copy of the Code of Practice.

**Master
Lock**
SAFETY SOLUTIONS™



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



A Sonepar Company

TOOLS FOR TRADE!



THE NEXANS APP

A SMART TOOL FOR ELECTRICIANS!



CATALOG

Your Nexans Olex Handbook App has a new home! Search for products, browse the catalogue, and access and download datasheets. Now including Power Accessories!



NEWS

Access the latest News at Nexans Olex including projects, innovation, conferences and events, and Australian industry updates – just with a click of a button!



EASYCALC

EASYCALC, the NEW cable sizing tool! Designed to help you determine the most adapted cable cross section for your installation in just 4 quick and easy steps!

Make your daily work easier with the new NEXANS APP! Equipped with all the handiest tools you need including the Handbook, News at Nexans Olex and NEW EASYCALC!

TrustOlex.

CONTACT YOUR LOCAL LAWRENCE & HANSON BRANCH TO FIND OUT MORE!

DOWNLOAD THE NEW NEXANS APP

1. Search 'Nexans' in the App Store / Google Play
2. Select the 'Nexans App' (preview does not show Nexans Olex)
3. Download the App
4. The App download then takes you to a notice regarding completing a registration form
5. Complete the form with your details
6. Go through to the warning message and then proceed
7. Homepage appears with Nexans Olex logo and localised Australian page



*The NEXANS APP has replaced the Nexans Olex Handbook App. Please uninstall the previous versions.



HOWZAT!

ONLY
200
AVAILABLE!

Hit a six with this brilliant **L&H CRICKET COOLER SET** when you spend \$10,000 + gst with eBranch during January & February*!



I&H

A Sonepar Company

AUSLEC

A Sonepar Company

*The promoter is L&H Group of 142 Dorcas Street, South Melbourne VIC 3205 ABN 19 730 781 473, telephone: 03 9697 1556. Promotion commences on 15/01/2019 and closes 11:59pm AEST on 28/02/2019. To qualify for the gift an Eligible Business must, during the Promotional Period, spend a minimum of \$10,000 (excluding GST) on any product/s via the L&H eBranch Application, or online at www.ebranch.online. The first two hundred (200) Eligible Businesses to make the Qualifying Spend during the Promotional Period will each receive 1 Cricket Cooler Set valued at \$250. More info at www.lh.com.au. NSW Permit No. LTPS/18/29420. SA Permit No. T18/1960.



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

\$18.58
EX GST

\$20.43
INC GST



APPLIANCE TEST TAGS

VALTSLMIX

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

\$35.83
EX GST

\$39.42
INC GST



UNDERGROUND CAUTION TAPE

VALUMT100 150MMX100M **\$18.14 EX GST** \$19.96 INC GST
VALUMT500 150MMX500M **\$50.36 EX GST** \$55.39 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

\$18.14
EX GST

\$19.96
INC GST



APPLIANCE TEST TAGS - FLAGGED

VALTTSLY

- Self-adhesive mounting
- Test tag colour for September through to November
- Yellow in colour
- QTY. 100
- Available in various widths of 150MM to 300MM
- Warning message printed on one side

\$35.83
EX GST

\$39.42
INC GST



COVER UNDERGROUND PVC

TRFUCC15025 150MMX25M **\$59.18 EX GST** \$65.10 INC GST
TRFUCC20025 200MMX25M **\$84.68 EX GST** \$93.15 INC GST
TRFUCC30015 300MMX15M **\$88.20 EX GST** \$97.02 INC GST

- Rigid orange printed covers
- Available in 150mm, 200mm and 300mm widths
- Warning message printed on one side 300MM

FROM

\$59.18
EX GST

\$65.10
INC GST



BULK SCREW SET

TRFSDSBULK

- 12 compartment storage box with assorted screws – including needlepoint & drill point screw types
- 4 different head styles with varying lengths

\$49.82
EX GST

\$54.80
INC GST

CABLE TIES

VARIOUS SIZES AVAILABLE

- Quality, quick connect nylon cable ties
- Various sizes, available in Natural (White) & UV stabilised Black
- Use to bundle cables, loom switchboard or control wiring, hold sleeving & insulation over cables & live parts, for temporary & permanent binding, use to hang/tag-labels on cables or equipment

FROM

\$1.34
EX GST

\$1.47
INC GST





CATENARY WIRE

- FXXCW180D
- 180M drum
 - 7/0.90mm stranding
 - 1.6KN
 - 2.7mm diameter
 - Galvanised zinc coated

\$34.30
EX GST

\$37.73
INC GST



MAGNET TOOL

- FXXMAG2
- Very strong magnet with fixing eye
 - Can be tied to rope for pull through of cables in conduit
 - Used for tool recovery in cavities
 - Identification of metal brackets behind some surfaces

\$20.22
EX GST

\$22.24
INC GST



JACK CHAIN

- FXXJCB
- 2.5mm galvanized chain
 - 30 metres
 - Single link
 - 5kg SWL

\$26.12
EX GST

\$28.73
INC GST



HEAVY DUTY CORRUGATED CONDUIT

- VARIOUS SIZES AVAILABLE
- PVC-UV stabilised conduit
 - Used for all flexible connections
 - Can also be used with rigid-conduit to overcome excessive bending or unsightly use of elbows
 - Sizes 20 to 50mm (Orange Heavy Duty)

FROM

\$1.45 PER/M
EX GST

\$1.60 PER/M
INC GST



CABLE PROTECTION COVER

- VARIOUS SIZES AVAILABLE
- 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

\$22.63
EX GST

\$24.90
INC GST



ROUND CONDUIT JUNCTION BOX

- VARIOUS SIZES AVAILABLE
- Configurations available to suit all situations
 - 1 to 4 way, 2 way through and right angle types
 - Normal and deep styles (Deep style positions conduit back from concrete and plastered surfaces or provides extra wiring or junction space)

FROM

\$1.40
EX GST

\$1.54
INC GST



MEDIUM DUTY CORRUGATED CONDUIT

- VARIOUS SIZES AVAILABLE
- PVC-UV stabilised conduit
 - Used for all flexible connections
 - Can also be used with rigid-conduit to overcome excessive bending or unsightly use of elbows
 - Sizes 16 to 50mm (Grey Medium Duty)

FROM

\$0.83 PER/M
EX GST

\$0.91 PER/M
INC GST

PALERMO BATTENS

BY



AVAILABLE AT YOUR LOCAL LAWRENCE & HANSON BRANCH

- UP TO 70% ENERGY SAVING FOR T8/T5 FLUORO BATTEN
- MULTIPLE SWITCHABLE WATTAGES
- IDEAL FOR LONG LIT, LOW OCCUPANCY SPACES
- MOTION/DAYLIGHT MICROWAVE SENSOR – 10% TO 50% BRIGHTNESS
- IP65 WEATHERPROOF AND IK08 IMPACT RESISTANT RATING

PRODUCTS AVAILABLE:

ECO713114DS: 10W/20W

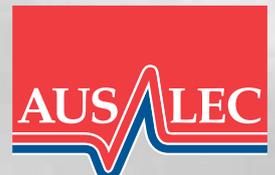
ECO713114DEMS: 10W/20W Maintained Emergency

ECO713134DS: 20W/40W

ECO713134DEMS: 20W/40W Maintained Emergency



A Sonepar Company



A Sonepar Company



LIGHTING



STUDIO LED DOWNLIGHT

LGARSD1840-01

- Allows the fitting to be surface mounted or recessed into existing ceiling downlight cut-outs of between 65mm and 205mm using the sliding springs
- Unique installation system comprising universal mounting bracket with pre-punched fixing screw holes and notched & numbered width indents
- Shallow body (15mm) with wall or ceiling mounting
- Prewired with 800mm 2 core flex and plug-top for fast and safe installation
- High lumen output comparable to 2 x 18W PL

\$32.94 EX GST **\$36.23** INC GST



CHAMPION LED FLOOD LIGHT

LGARCM3040-04 (30W) **\$70.59 EX GST** \$77.65 INC GST
 LGARCM5040-04 (50W) **\$84.12 EX GST** \$103.53 INC GST
 LGARCM15040-04 (150W) **\$270.59 EX GST** \$297.65 INC GST

- IP65, black, 4000K
- Die cast aluminium housing providing optimal heat dissipation and high resistance to weather conditions
- Pre-wired with 1m of rubber flex
- High efficacy of 110-143 Lm/W
- Suitable for switching by PIR, Microwave or Photocell

FROM **\$70.59** EX GST **\$77.65** INC GST



\$35.29 EX GST **\$38.82** INC GST

PROTON 360° PIR WITH EASY ACCESS CONTROLS

LGAR360PIR-01

- 3 wire - multiple sensors can be wired in parallel
- Manual over ride with automatic reset after 8 hours
- No minimum load requirements
- Easy access to adjust time and lux controls once PIR installed
- Passive infra red ensures light is switched on when sensor detects movement of heat, switched off when area is vacated
- Minimises false/unwanted triggering

ROBUS®



\$25.55 EX GST **\$28.11** INC GST

PROTON MULTI-DIRECTIONAL 180° PIR

LGAR180-01

- 3 wire - multiple sensors can be wired in parallel
- IP54
- Manual over ride with automatic reset after 8 hours
- No minimum load requirements
- Large terminals accept 2 x 1.5mm² conductors in each terminal - facility for loop in loop out
- High load contact rating, allows numerous fittings to be switched



REMY LED FLOOD LIGHT WITH PIR

LGARRE2040PA-04 (20W) **\$47.06 EX GST** \$51.77 INC GST
 LGARRE5040A-04 **\$57.64 EX GST** \$63.40 INC GST

- IP65, black, 4000k, c/w 1m flex
- Polycarbonate trim with tempered glass providing high impact rating of IK07
- Pre-drilled, angled mounting bracket for fast and simple installation
- Manual override function on PIR

FROM **\$47.06** EX GST **\$51.77** INC GST

ABILITY TO CHANGE

SWITCH TO SET
YOUR COLOUR
TEMPERATURE



WITH THE **NEW COLOUR SELECT RANGE**



**ECO COLOUR SELECT
LED PANEL**



**ECO LED COLOUR
SELECT BATTEN**



**PIERLUX PLUS COLOUR
SELECT LED DOWNLIGHT**



**LITELUX COLOUR SELECT
LED DOWNLIGHT**



**LITELUX COLOUR SELECT
GENII LED DOWNLIGHT**



**ORION ECO COLOUR
SELECT LED OYSTER**



**SLIMLINE COLOUR
SELECT LED OYSTER**



A Sonepar Company

Available through all Lawrence & Hanson branches



AQUA LIFE POWERPOINT

HPMWL787LG (SINGLE 10A WHITE)
 HPMWL777LG (DOUBLE 15A WHITE)
 HPMWL787CG (SINGLE 10A CEMENT GREY)
 HPMWL777CG (DOUBLE 15A CEMENT GREY)

- 10A (single) or 15A (double)
- IP53
- Surface mount
- 2 sets of terminals
- UV stabilised



AQUA LIFE SWITCH

HPMWL770/1LG (1 GANG WHITE)
 HPMWL770/2LG (2 GANG WHITE)
 HPMWL770/1CG (1 GANG CEMENT GREY)
 HPMWL770/2CG (2 GANG CEMENT GREY)

- 16A
- IP66
- Surface mount
- M100 motor rating
- UV stabilised



AQUA LIFE COMPACT SGPO

HPMWLC787LG (WHITE)
 HPMWLC787CG (CEMENT GREY)

- 10A
- IP53
- Surface mount
- Enhanced terminals for ease of installation
- UV stabilised



ECONOMY LED SATELLITE D40

HPM685102

- Spring clips
- Slimline emergency pack
- D40 classification
- Energy efficient - 1W
- 50,000h LED life



FLUSH MOUNTED PHOTOELECTRIC SMOKE ALARM

HPM643087

- Compact (52mm) depth into ceiling
- Integrated lithium battery with 10 year life
- Dust cover bag to protect during installation
- Connect up to 20 units
- Same 90mm cut-out as down lights



ECONOMY LED EXIT

HPM685100

- 50,000h LED life
- Wall or ceiling mounted
- Energy efficient - 3W
- Large terminal block
- Drop in decals



LEGRAND'S AQUA LIFE RANGE HAS RAISED THE BAR FOR SUPERIOR WEATHER PROTECTION

With a proud Aussie culture of backyard BBQs, outdoor sports and beers by the pool, having reliable outdoor power has always been the standard. Our beloved sunburnt country is famous for its rugged beauty, but electrical goods bear the brunt of this magnificent, yet tough landscape.

Working with specialist researchers, designers and engineers from around the globe, Legrand developed a whole new range of weatherproof switches and sockets that has been specifically designed to suit Australia's arduous environments.

The reinvigoration of the company's Aqua range involved completely breaking down the product and starting from scratch. As a result, a whole new product line was developed to meet the needs of consumers, contractors and the demands of today's 'constantly connected' era.

Aqua Life's sleek and modern design means it can be seamlessly integrated into any outdoor area. The shallow-mount option is ideal for residential applications, as this allows for a discreet and unobtrusive finish. The additional 'smart' range includes a USB A+C fast charger and Arteor adaptor. This makes it perfect for outdoor entertaining, so

users can stay fully charged while they're enjoying fun in the sun.

For contractors, durability, robustness and technological sophistication were a key factor when re-designing the range. To achieve this, Aqua Life has been equipped the following key features:

- Easy slide switches, for comfortable and durable operation.
- Protective barrier edge, which increases durability against impacts.
- IP53 weatherproof rating.
- IP54 weatherproof rating (with shield flaps).
- IP66 weatherproof rating (switches).
- Large guided cable terminals, which can accommodate up to 4 x 2.5mm² cables (Sockets only).
- Surface-mount and shallow-mount options.
- 'Smart' range equipped with 5A of super fast charging over 2 Type A&C ports (2.4A on type A and 3A on type C).
- Available in Limestone Grey and Cement Grey

For more information, just talk to your local Lawrence & Hanson branch.



 **legrand**[®]



national
electrical and
communications
association

NECA Market Monitor 2019

NECA's Market Monitor is the only Australia-wide survey of the electrical and communications contracting industry.



The survey, conducted every two years, is an opportunity for you to share your views on business issues, consumer trends and broad product analysis.

Market Monitor will be open throughout February 2019.

Visit the NECA website www.neca.asn.au to take part and be in the running to win some great prizes.

Participate to win!

- ★ Registration for 1 x delegate and 1 x partner for the 2019 NECA Electrical Industry Conference on Hamilton Island
- ★ iPhone XR 64GB
- ★ 2 x \$750 vouchers for NECA Trade Services
- ★ 3 x \$500 Westfield vouchers.

NECA Market Monitor is conducted by Bedrock Research an independent company and all information provided during the survey is treated in strict confidence.

* Terms & Conditions will be available on the NECA website.

www.neca.asn.au



IT'S TOOLTIME

PICK THE LOCK
ON THE LATEST
IN TOOLS &
ACCESSORIES
FROM LAWRENCE
& HANSON!





TOOLS



\$1,499.00 EX GST
\$1,648.90 INC GST



BONUS HEAT GUN!
(MIWM18BHC-0)

M18 FUEL™ ONE-KEY™ 5 PIECE KIT

MIWM18ONEPP5A2-502B

- M18 FUEL™ 13mm Hammer Drill/Driver w/ ONE-KEY™ (Tool only) (MIWM18ONEPD-0)
- M18 FUEL™ w/ ONE-KEY™ ¼" Hex Impact Driver w/ ONE-KEY™ (Tool only) (MIWM18ONEID-0)
- M18™ Hackzall (MIWM18FHZ-0)
- M18™ Rotary Hammer (MIWM18CH-0)
- M18™ Angle Grinder (MIWM18CAG125XPD-0)
- Multi volt fast charger (MIWM12-18FC)
- 2 x M18™ REDLITHIUM-IONTM 5.0AH BATTERY (MIWM18B5)
- Contractors bag



\$529.00 EX GST
\$581.90 INC GST



BONUS PACKOUT ORGANISER!
(MIW48228430)

M18™ BRUSHLESS 2 PIECE KIT

MIWM18BLPP2A2-402C

- M18 FUEL™ Brushless Hammer Drill Driver (MIWM18BLPD2-0)
- M18 FUEL™ Brushless Impact Driver (MIWM18BLID2-0)
- Multi volt charger (MIWM12-18C)
- 2 x M18™ REDLITHIUM-ION™ 4.0AH BATTERY (MIWM18B4)
- Case



M12™ 3" POP RIVET TOOL

MIWM12BPRT-0

- Up to 2.5m drop resistant
- Rivet retention nose pieces with on-tool storage
- 2,000lbs pulling force
- Less muscle effort than hand tools
- Decreased risk of repetitive motion injuries



BONUS 10PC DRILL SET!
(MIW48894859)



\$255.00 EX GST
\$280.50 INC GST



SOLDERING IRON

MIWM12SI-0

- 18-second heat-up time, maintains optimised temperature
- Ready to use and safe to store tip indicator
- Tool free tip change - easily switch between chisel and pointed tips



\$120.00 EX GST
\$132.00 INC GST



BONUS IPL-LED PENLIGHT!
(MIWIPL-LED)



\$270.00 EX GST
\$297.00 INC GST



BONUS 8M TAPE MEASURE!
(MIW48227528)

18 PC HOLE DOZER™ ELECTRICIANS KIT

MIW49224097

- Includes most commonly used Hole Saw sizes
- * Contains 2 Pilot Bits
- * Comes in a hard case for storage



3PC METRIC STEP DRILL SET

MIW48899399

- Includes 4-12mm, 4-20mm & 6-35mm
- Comes in a hard case for storage



\$149.00 EX GST
\$163.90 INC GST



TOOLS



\$60.00 EX GST
\$66.00 INC GST

PACKOUT™ COMPACT ORGANISER

MIW48228435

- Constructed with impact-resistant polymers
- 5 removable & mountable bins
- IP65 rated weather seal
- No travel bin seals



\$80.00 EX GST
\$88.00 INC GST

PACKOUT™ ORGANISER

MIW48228430

- Constructed with impact-resistant polymers
- 10 removable & mountable bins
- Interior organizer trays
- IP65 rated weather seal
- No travel bin seals



\$329.00 EX GST
\$361.90 INC GST

PACKOUT™ ROLLING TOOL BOX

MIW48228426

- Constructed with impact-resistant polymers
- 113kg weight capacity
- 9" all terrain wheels
- IP65 rated weather seal
- Industrial grade extension handle



\$180.00 EX GST
\$198.00 INC GST

PACKOUT™ LARGE TOOL BOX

MIW48228425

- Constructed with impact resistant polymers
- Metal top handle 45kg weight capacity
- Interior organiser trays
- IP65 rated weather seal



\$110.00 EX GST
\$121.00 INC GST

PACKOUT™ 380MM JOBSITE STORAGE TOTE

MIW48228315

- 1680 ballistic material construction
- Impact resistant moulded base
- Padded shoulder strap
- 31 total pockets
- Durable over moulded handle



\$145.00 EX GST
\$159.50 INC GST

PACKOUT™ TOOL BOX

MIW48228424

- Constructed with impact resistant polymers
- 34kg weight capacity
- Interior organiser trays
- IP65 rated weather seal



TOOLS



HACKSAW FRAME

SST145

- High tension heavy duty Hacksaw Frame
- Includes famous Starrett Bi-Metal blade
- Rubber covered grip
- Adjustable tension



SUPER 6 KIT BONUS PACK

SSTKFC06011B

- FREE pilot drill
- BONUS Tool Bag
- 6 x Fast Cut Hole Saws.
- 1 x Arbor PLUS sturdy PVC case
- Suits mild steel and stainless steel cutting up to 3mm thick



HACKSAW BLADES

SSTKBS1224-2

- Twin pack
- Famous Starrett bi-metal hacksaw blade
- 24 tpi



COWL

SSTDB2

- Time saving dust & debris collector
- Ideal for downlight cutouts
- Hole saw sold separately



RECIPROCATING BLADE

SSTBTR61014-2

- 2 pack
- High strength blade
- Suits rescue and demolition work
- 150mm (6")



CORDLESS SMOOTH CUT HOLE SAW KIT

SSTKCS03001

- 3 piece Smooth Cut kit
- Includes 20, 25, 32mm hole saws
- Ideal for sheet metals including mild steel and stainless steel

Starrett®



TOOLS



\$89.00 EX GST
~~\$97.90~~ INC GST

3PC CARBIDE BUR SET WITH BONUS LED LOUPE

SUTB9000001

- BONUS 20 x Loupe with LED
- 1/2" carbide burs in Cylindrical Square End, Cylindrical Radius End and Tree Radius End
- Made from Tungsten Carbide for longer tool life



\$139.00 EX GST
~~\$152.90~~ INC GST

25PC BLUE BULLET DRILL SET WITH BONUS BONDHUS HEX KEYS

SUTD102SM3BNS

- 1.0-13.0mm x 0.5mm rises
- BONUS Bondhus 9pc metric Ball End Hex Key Set
- Combined retail value of \$188.0



suttontools

DIE GRINDER KIT

SUTB9020002

- Perfect tool for detailed metal or woodwork providing precise clean cuts
- Use it with Sutton Tools range of carbide burs to sculpt and shape harder materials
- Contains Pneumatic Die Grinder
4 collets: 1/8, 1/4, 3 & 6mm 2 x wrenches

\$89.00 EX GST
~~\$97.90~~ INC GST



\$170.00 EX GST
~~\$187.00~~ INC GST

3PC STEP DRILL SET

SUTD504SET3

- Includes 4-12 (9 steps), 4-20 (9 steps), 4-30 (14 steps)
- Spiral flute for reduced vibration
- 3-flat shanks suits 3 jaw chucks



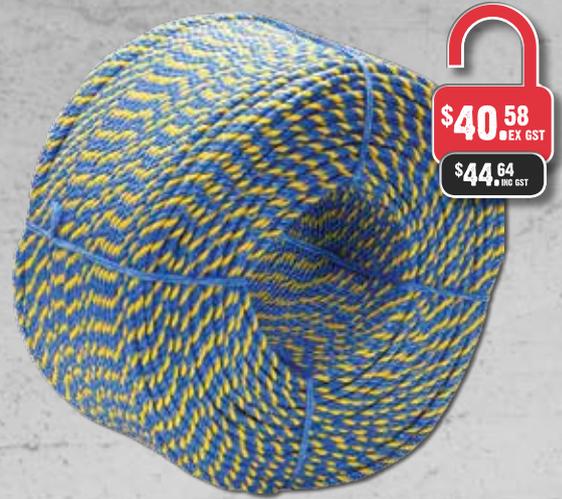
TOOLS



DUCT TAPE

FXXPVCDT

- 48mm wide
- 30 metre roll
- Grey PVC
- Weather resistant
- Suitable for joining flexible duct



TELSTRA ROPE

FXXTROPE

- Polypropylene rope
- Blue/Yellow in colour
- 400M roll
- 6mm diameter
- Telstra 675/00294



Alco

HEATSHRINK

Available from 

THE BRAND ELECTRICIANS RELY ON

There is an Alco heatshrink product for every application from general purpose to heavy duty!

Available in thin, medium and thick wall designs, standard or glue lined, all Alco heat shrink is UV resistant, flame retardant & has a low shrink temperature. With a continuous operating temperature range from -55°C to +125°C, it is suitable for use with normal and high temperature cables and can be easily shrunk with a heat gun (WATHGK). Check in-store for pricing

TECHNICAL SPECS	
Shrink Temperature	Start at 70°C Full shrinkage temp 110 to 125°C
Shrink Ratio	Thin Wall 2:1 Medium Wall 3:1 Thick Wall 3:1
Tensile Strength	>14MPa
Range sizing	1.5mm to 200mm Dia



www.wattmaster.com.au



TOOLS



FROM
\$725.00 EX GST
\$797.50 INC GST

EXTENSION LADDER

WNRFS20406 3.3/5.4M
\$725.00 EX GST \$797.50 INC GST
WNRFS20407 3.9/6.6M
\$760.00 EX GST \$836.00 INC GST

- The Electrical Contractors choice offering versatility, strength & stability
- 130KG Industrial Duty Rated for use on industrial work sites
- Strong fibreglass construction resists sway, turn and flex
- Electro-Safe™ (non-conductive)
- Fitted with pole support 'V' bracket
- Side pulley and rope extension system keeps rope away from the user's feet
- Made to Australian Standard AS 1892



FROM
\$275.00 EX GST
\$302.50 INC GST

DUAL PURPOSE 2 IN 1 LADDER

WNRFS13668 1.8/3.2M
\$275.00 EX GST \$302.50 INC GST
WNRFS13669 2.1/3.8M
\$319.00 EX GST \$350.90 INC GST
WNRFS13670 2.4/4.4M
\$395.00 EX GST \$434.50 INC GST

- Fibreglass professional riveted dual purpose with tree/pole support
- Trapezoidal tread design and deep fascia tops caps increase the torsional rigidity
- 150kg Industrial Duty Rated for use on Industrial work sites
- Electro-Safe (non-conductive)
- Easily converts from a stepladder to a single ladder
- Robust Anti-Slip Boots for maximum grip on any surface
- Made to Australian Standard AS 1892



PUNCHLOCK STEPLADDER

WNRFS10483 0.9M
\$275.00 EX GST \$302.50 INC GST
WNRFS10484 1.2M
\$310.00 EX GST \$341.00 INC GST
WNRFS10485 1.8M
\$410.00 EX GST \$451.00 INC GST
WNRFS10487 2.4M
\$590.00 EX GST \$649.00 INC GST

- No.1 choice for Electrical Contractors
- Punchlock® tread design and deep fascia top caps increase torsional rigidity
- 150kg Industrial Duty Rated for use on industrial sites
- Strong, fibreglass construction with triangular plate bracing
- Electro-Safe™ (non conductive)
- Double sided for greater versatility and load bearing strength
- Anti-slip rubber 'Boots' for maximum grip on any surface and protection of the stiles
- Made to Australian Standard AS 1892

FROM
\$275.00 EX GST
\$302.50 INC GST

PUNCHLOCK PLATFORM STEPLADDER

WNRFS10721 0.9M
\$525.00 EX GST \$577.50 INC GST
WNRFS10722 1.2M
\$645.00 EX GST \$709.50 INC GST
WNRFS10724 1.8M
\$825.00 EX GST \$907.50 INC GST
WNRFS10726 2.4M
\$920.00 EX GST \$1012.00 INC GST

- Strong Fibreglass Construction
- Punchlock® tread design increases the torsional rigidity
- 150kg Industrial Duty Rated for use on industrial work sites
- Electro-Safe™ (non-conductive)
- Wide anti-slip platform (490x400mm)
- Multi function handrail/accessories holder
- Anti-slip rubber 'Boots' for added safety, stability and protection of the stiles
- Made to Australian Standard AS 1892

BAILEY
LADDERS



FROM
\$525.00 EX GST
\$577.50 INC GST



\$135.00 EX GST
\$148.50 INC GST

SAFETY GATE (TO SUIT PRO PLATFORMS)

WNRFS13647

- Easily retrofitted - convenient and affordable
- Fully surrounds the user to help prevent falls
- Maintains a safe working zone - allows the user to work from 4 sides
- Folds down for easy access & storage



THE SOLUTION IN SOLAR

AT LAWRENCE & HANSON, WE CAN PROVIDE YOU
WITH THE PRODUCTS, SERVICES AND ADVICE IN
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FAR MORE THAN JUST SOLAR PANELS, WE STOCK AN
EXTENSIVE RANGE INCLUDING:

- PV PANELS
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- HYBRID INVERTERS
- OFF-GRID
- BATTERY BACKUP
- LIGHTING



TALK TO US
TODAY ABOUT
ALL YOUR SOLAR
AND RENEWABLE
ENERGY NEEDS!

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AUSLEC

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*Not available in all branches. Product range may vary in each branch.



SAFETY



VIPER EARMUFFS

P&AEMVIP

- General purpose hearing protection 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

\$11.87
EX GST

\$13.05
INC GST



EACH
\$3.14
EX GST

\$3.45
INC GST

STINGA® GLOVES

P&ANPF

- Bare Hand Technology provides increased dexterity, control and comfort
- Seamless 15 gauge, Nylon shell with PVC foam coating provides water repellency and enhanced gripping power in wet and dry conditions
- Sizes: 8, 9, 10 & 11

BACK TO WORK SPECIALS 25% OFF!*



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

EACH
\$7.91
EX GST

\$8.70
INC GST



PRO BULLET EAR PLUGS

P&AEPOU10

- Disposable PU foam earplugs for noise levels to 110dB(A)
- Includes carry case
- Class 5, SLC80 27dB
- AS/NZS 1270:2002

\$4.73
EX GST

\$5.20
INC GST



P2 VALVED DISPOSABLE RESPIRATOR CUP BOX 12

P&APC321

- P2 rating for protection against mechanically and thermally generated particles
- Exhalation valve for increased efficiency and comfort, reduces heat build up under mask
- Latex free
- Box of 12 masks in re-sealable polybag ensures masks remain hygienically stored
- AS/NZS 1716

\$22.19
EX GST

\$24.40
INC GST



EACH
\$10.28
EX GST

\$11.30
INC GST

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

*25% off applicable to products appearing on this page only



SAFETY

bolle
SAFETY



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)

\$13.46
EX GST

\$14.80
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)

\$26.15
EX GST

\$28.77
INC GST



RUSH+ SAFETY GLASSES

BOL1662301 (CLEAR)
BOL1662302 (SMOKE)

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

EACH
\$11.07
EX GST

\$12.18
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)

\$57.91
EX GST

\$63.70
INC GST



**WITH SUMMER ABOUT TO HIT...
NOW'S THE PERFECT TIME TO COME
UP WITH A HYDRATION PLAN FOR WORK...**

HOW TO STAY HYDRATED AT WORK

- Pre shift hydration
- Carry fluids
- Don't rely on thirst
- Monitoring urine colour
- Taste encourages fluid consumption
- Consider lifestyle choices

**Drinking water alone isn't enough!
Electrolytes are needed as well to keep
you at the top of your game.**

**THE CORRECT BALANCE OF SODIUM, POTASSIUM, CALCIUM
& MAGNESIUM PLAYS A VITAL ROLE IN CELLULAR COMMUNICATION,
ORGAN FUNCTION & GENERAL HEALTH.**



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DATA & AV

\$240.00
EX GST

\$264.00
INC GST



WIFI VIDEO DOORBELL WITH MOBILE APP AND ACCESS CONTROL

MAT50MM-WD01

- Built in wi-fi and pairing to smart devices
- Remote unlocking door unit and indoor chime unit
- Remote video recording and picture capture via the MM SmartView App
- iOS and Android compatible
- 1.3MP camera with night vision and motion detection
- Remote duplex video and audio



CCTV KIT WIRED POE

MAT50MM-LN8CH2TB4B

- Complete project starter pack for CCTV security monitoring day and night vision
- NVR complete with 2TB storage
- POE wired CCTV solution offering NVR powered cameras
- IP digital system for intelligent analysis
- NVR has built in 8 channel switch capacity
- 4 x high definition CCTV bullet cameras with 4MP 1080P fixed focus 3.6mm lens with 25metre infrared night vision

\$1,099.00
EX GST

\$1208.90
INC GST



CCTV SURVEILLANCE KIT LAN (POE)

MAT50MM-LN8CH2TB4D

- Complete project starter pack for CCTV security monitoring day and night vision
- NVR complete with 2TB storage
- POE wired CCTV solution offering NVR powered cameras
- IP digital system for intelligent analysis
- NVR has built in 8 channel switch capacity
- 4 x HD CCTV dome cameras with 4/5MP 1080P fixed focus 3.6mm lens with 25metre Infrared night vision

\$1,099.00
EX GST

\$1208.90
INC GST



For the Best



CCTV KIT WIFI

MAT50MM-WN8CH2TB4B

- Complete project starter pack for CCTV security monitoring day and night vision
- Wireless (Wi-Fi) NVR with 2TB storage
- Wireless CCTV solution, wi-fi camera requires 12V power supply
- IP digital system for intelligent analysis
- 8 channel wireless CCTV capacity
- 4x CCTV bullet Wi-Fi cameras fixed focus 3.6mm lens high definition with 15-20 metre night vision

\$799.00
EX GST

\$878.90
INC GST

\$799.00
EX GST

\$878.90
INC GST



CCTV WIFI DOME KIT

MAT50MM-WN8CH2TB4D

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



For the Best



Protect your home all day, every day.

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Wireless Connected lighting Available now

It's now possible to bring the power of IoT and wireless connected lighting to small and medium-sized enterprises with up to 200 light points. Meet Interact Pro: an intuitive app and dashboard that work with Philips Interact Ready Downlights, Panels, Battens and Highbays. Wherever you work, it works!

Discover the possibilities at www.interact-lighting.com/pro

interact Pro

Works with

Connected lighting

PHILIPS



FIRE, SECURITY & AUTOMATION



\$89.00 EX GST **\$97.90** INC GST

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

PHOTOELECTRIC SMOKE ALARM WITH RECHARGEABLE BATTERY BACK-UP

BROEIB166E

- Mains powered 230V
- Rechargeable lithium battery back-up
- May operate as a standalone alarm or interconnected to other alarms via a wired or wireless system
- For RadioLINK+ interconnection simply plug in the optional RadioLINK+ module, saving time, mess and disruption in running interconnect cabling



HEAT ALARM WITH 10YR BATTERY BACK-UP

BROEIB164E

- 230V AC mains power supply and rechargeable lithium battery back-up
- Hardwire interconnection
- Wireless interconnection when fitted with EIB100MRF RadioLINK+ module
- 5 year guarantee



\$125.00 EX GST **\$137.50** INC GST

\$115.00 EX GST **\$126.50** INC GST

CO ALARM WITH 10YR LITHIUM BATTERY

BROE1208W

- AudioLINK data download
- Wireless interconnect alarms via optional RadioLINK (BROE1200MRF)
- Proven electrochemical sensor (10 year life), sealed lithium battery
- Pre-alarm indication gives early warning of CO
- Memory feature indicates if CO has been previously detected
- 5 Year guarantee (limited)



ALARM CONTROLLER

BROEIB450

- Completely wireless
- Battery powered (>10 year life)
- One button, three functions - Test: Test alarms, Locate: Identify triggered alarms, Silence: Silence Alarms
- Alarm & Fault Indicators (icons) - Fire (smoke or heat detected), CO (Carbon Monoxide detected), EOL (End of Life detected)
- Diagnostic & memory functions
- 5 year guarantee

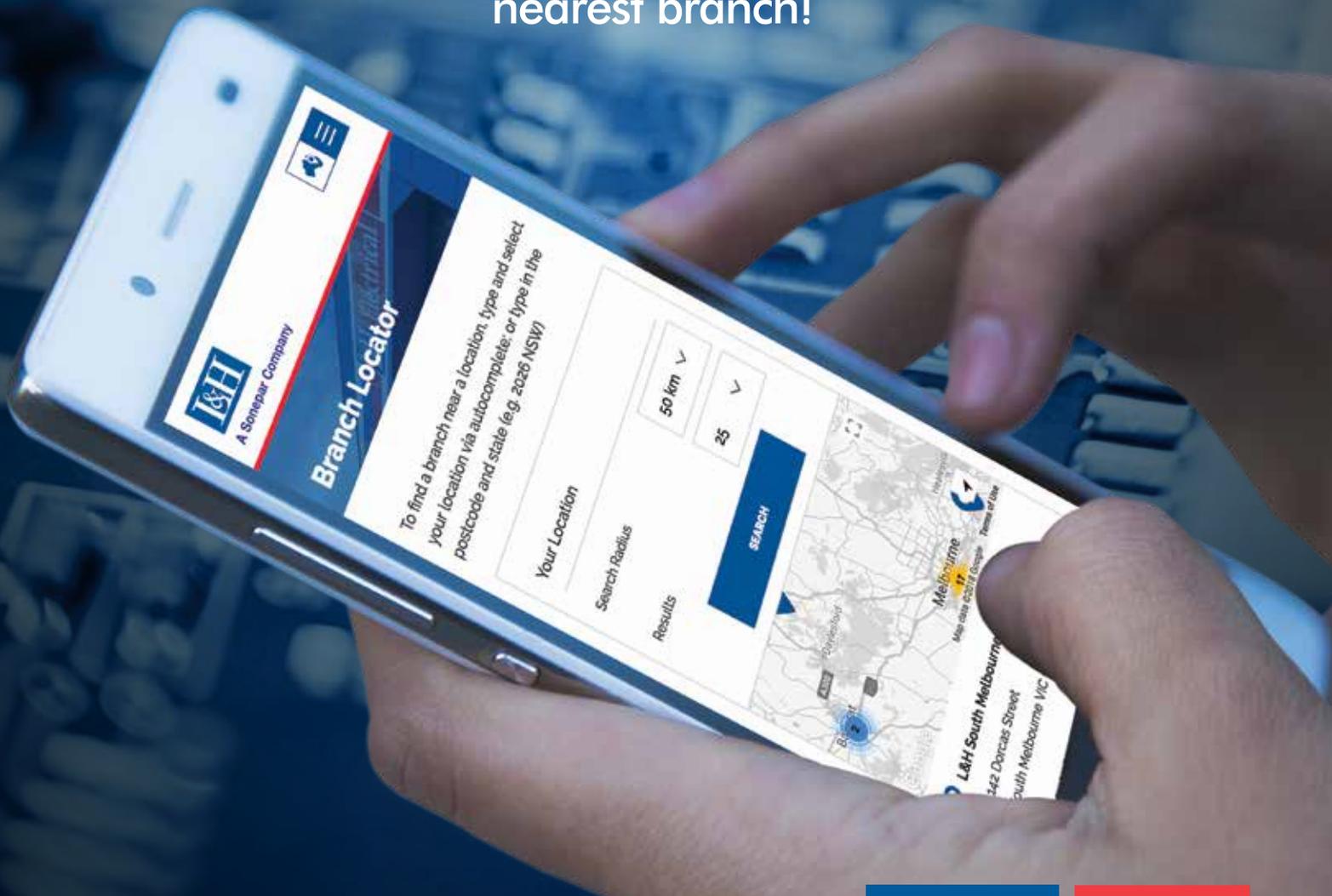


Fire Products & Solutions



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



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CLASS LEADING ENCLOSURES



Phoenix EMS is a world leader in the manufacture and supply of a diverse range of high-end electrical enclosures, local control stations and visible break isolators. Our Excalibur range of enclosures are manufactured in our state of the art facilities in accordance with ISO9000, AS/NZ4801, ISO4001 to ensure system compliance and world-class quality products.

For more information: **please contact your local Lawrence & Hanson branch**



DELIVERING ELECTRICAL PRODUCT INNOVATION

NEW STANDARD EN388: 2016

Gloves giving protection from mechanical risks

In November 2016, the European Committee for Standardization changed the EN388 standards. The changes made represents the most sweeping revisions to this fundamental mechanical hand protection benchmark in over 13 years



HOW TO READ THE NEW EN388

The new EN388 reports 5 or 6 separate mechanical performance measures, including two complementary scores for cut performance and the first ever test method for impact resistance applicable to mechanical protective gloves.

PERFORMANCE LEVEL RATING	1	2	3	4	5
a Abrasion Resistance (Cycles)	100	500	2000	8000	–
b Blade Cut Resistance (Coupe Test/Index)	1.2	2.5	5.0	10.0	20.0
c Tear Resistance (Newtons)	10	25	50	75	–
d Puncture Resistance (Newtons)	20	60	100	150	–

PERFORMANCE LEVEL RATING	A	B	C	D	E	F
e EN ISO Cut Resistance (Newtons)	2	5	10	15	22	30
f EN Impact Protection	PASS or FAIL					

Level X can also be applied for a through f above, which means "not tested" or "not applicable"

SUMMARY OF THE MAIN CHANGES

1. ABRASION

New abrasion paper used in testing.

2. CUT

- New procedure for coupe test which also determines if dulling occurs.
- If dulling, the new EN ISO 13977 test method becomes the reference whilst the coupe test would only be indicative.

3. IMPACT

Test method for areas claiming impact protection. P for pass whilst no code will apply in case of fail.

➤ Ansell has developed a range of tools to make the new standards simple to understand and easy to adopt. **Learn more visit www.ansell.com/enresourcecenter**

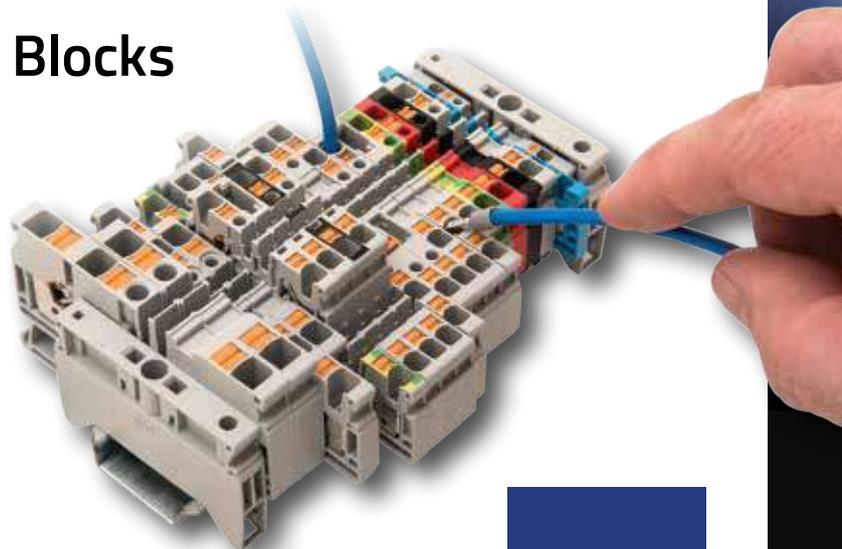




Time is money made "just easy"

1492-P Push-in Terminal Blocks

- Easy, quick and reliable wire insertion
- No strand breakage
- Test points for fast inspection, easy commissioning
- Plastic actuators for shock prevention
- Application specific designs
- Marking areas for easy identification and quick installation



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Distributor

NHP

NHP107151 11/18



CONTACTOR DIN

ABBESB1620N06 (16A 2NO 230V)
 ABBESB1611N06 (16A 1NO 1NC 230V)
 ABBESB2020N06 (20A 2NO 230V)
 ABBESB2020N01 (20A 2NO 24V)
 ABBESB2504N06 (25A 4NC 230/240V)
 ABBESB2504N06 (25A 4NO 230-240V)

- AC/DC coil
- Hum-Free
- Group Mounting without spacers
- Built-in protective circuit
- Tool-free accessories



RCBO (6KA 3P+N AC 30MA)

ABBDS203NCC6AC30 (6A) ABBDS203NCC20AC30 (20A)
 ABBDS203NCC10AC30 (10A) ABBDS203NCC25AC30 (25A)
 ABBDS203NCC16AC30 (16A) ABBDS203NCC32AC30 (32A)

- Compact size for easy installation in small spaces & retrofitting of existing spaces (3P+N)
- Same profile as system pro-M compact® range
- Use with cables or busbars. Easy wiring terminals with double slots - 10mm² (busbars) and 25mm² (cables)
- Comes with Defential trip indicator. In case of tripping due to earth fault, a blue flag appears on the toggle indicating the cause of the trip, reducing troubleshooting efforts downtime for maintenance
- Test Push button to verify correct functioning of device



RCBO (6KA 1P+N AC 30MA)

ABBDSE201C6AC30 (6A) ABBDSE201C20AC30 (20A)
 ABBDSE201C10AC30 (10A) ABBDSE201C25AC30 (25A)
 ABBDSE201C16AC30 (16A) ABBDSE201C32AC30 (32A)

- Earth fault indicator
- Real contact position indicator below the toggle
- Suitable for quick installation in combination with the standard auxiliary elements that can be mounted with RCDs and MCB's
- Fast installation is supported by the two flying leads for neutral cable and functional earth, each integrated in the device, which can be directly connected to the main neutral bar and main earth bar
- Double slot terminal. Two slots of different dimensions (35 mm² and 10 mm²) available to allow the connection both with cables and busbars



SPITFIRE LED EMERGENCY LIGHT

ABBSF1LED

- 3 year warranty
- Superior photometric classification
- LED technology - 100,000 hours lamp life
- Single or dual LED option
- High temperature NiCad batteries



QUICKFIT LED EXIT

ABBPQFLED5

- 3 year warranty
- LED technology 100,000 hours lamp life
- High temperature NiCad batteries
- Quickfit® unique steel slide connect bracket for quick installation and easy maintenance
- 24m viewing distance



LED WEATHERPROOF BATTEN

ABBSLWEM45LM

- 3 year warranty
- Weatherproof rating IP65
- Long LED life 75,000 hours
- High efficiency frosted polycarbonate diffuser
- Motion detect option available



SunStay Solar Lighting

Value Added Partner

PHILIPS

SunStay, all-in-one solar lighting harnesses the sun's energy to provide high-quality illumination for indoor and outdoor applications, delivering a convenient, sustainable way to light your space with minimal investment and maintenance.

Easy to Install

- Can be installed on vertical poles or horizontal arms with 0 to 15 degree adjustable angle.

Long Lifetime

- LiFePO₄ battery can reach long lifetime and high safety standard.

Smart PIR Sensor to Save Energy

- Built in PIR sensor can detect people's motion to save energy by light dimming.

Safety

- Self diagnosis with LED indicators of battery charging and discharging.



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THE **BRIGHTEST** INNOVATIONS IN **LIGHTING** TECHNOLOGIES



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- ✓ Australian Design + Quality
- ✓ **In-house Manufacturing**



NEW LOOK FOR CLIPSAL ICONIC® SET TO DRIVE DEMAND EVEN FURTHER

Developed with electrical contractors, for electrical contractors, Clipsal by Schneider Electric's Iconic® platform now has two new distinct looks to appeal to an even wider range of consumers.

The new Iconic® Styl skins are a stylish addition to the Iconic range, providing homeowners with additional choices when it comes to their interior design, both now and in the future. There are three changeable skin options, with more to come early in April 2019.

Once you have installed the Iconic® base, the innovative design allows anyone to safely upgrade their switches to the new Iconic Styl look. This is achieved by pivoting the front piece out (known as the skin) and then clipping a different one in its place.

The skins enhance your customers' satisfaction with the knowledge that they can update the look of their

switches and sockets whenever they re-decorate, as well as offering a great upsell opportunity for your business. Utilising the innovative Iconic® platform, the new looks maintain the fast and easy installation process which you have become accustomed to.

Iconic® Styl's new skin design simply clips onto standard Iconic grids, which means you only need to carry one base range of mechs and grids; then just mix-and-match skin options to suit your customers' preferences. It's simple efficiency that's sure to turn heads in any new build or renovation.

Machined from extruded aluminium, the Iconic® Styl range is for those consumers looking to achieve a modern and stylish interior design. It is available in three metallic shades. Laser etched pictograms can also be attached to the rockers for further customisation and to easily identify the functionality of each switch.

Using the Clipsal Iconic® range ensures you deliver a safe and reliable electrical solution with great smart home features. The range offers app-controlled dimming, time control and energy saving options, with Bluetooth-enabled switches.

For more information, just talk to your local Lawrence & Hanson branch.



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

Iconic and Clipsal Iconic are trademarks of Schneider Electric (Australia) PTY Limited.



Life Is On

CLIPSAL
by Schneider Electric



ICONIC PIR MOTION SENSOR MECH

CLI41EPIRM-TN

- PIR motion sensor mech suits Iconic wall plates providing hands free lighting control
- 150W LED rating and up to 750W max load control from internal relay
- Simple user accessible adjustment of timer and lux level from the front of the mech
- Provided with lens mask to shield sensing zones



WISER ICONIC DIMMER MECH

CLI41EPBDWCLM-VW

- Simple app configuration and control from the Wiser Room App
- Superior full range LED dimming performance with new 3-wire technology
- Multiway Dimming with ControlLink using standard wiring
- Built in 1s-24hr timer and 24/7 scheduling and sunset/sunrise functions
- Suits Iconic wall plates



ICONIC QUAD SOCKET MOUNTING BLOCK

CLI3004M-VW

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



DUAL USB CHARGING MECH A+C

CLI40E2USBACM-VW

- Dual port 5Vdc charger
- 1 x 2.4A Type A
- 1 x 3.0A Type C
- Mechanism format
- Rotating head 180°



SOCKET SWITCHED HORIZON (BULK PACKS)

CLI3015BLK40-XW (SINGLE SWITCHED BULK PACK OF 40)
CLI3025BLK50-XW (TWIN SWITCHED BULK PACK OF 50)

- 10A 250V
- Convenient value bulk packs
- 25% space saver
- Less wastage on site
- Iconic great features
- Future ready

CHECK YOUR LOCAL BRANCH FOR PRICING!



VERTICAL SWITCH BULK PACKS (1G - 4G)

CLI3041VABLK50-XW (1G BULK PACK OF 50)
CLI3042VABLK50-XW (2G BULK PACK OF 50)
CLI3043VABLK40-XW (3G BULK PACK OF 40)
CLI3044VABLK40-XW (4G BULK PACK OF 40)

- 10A 250V
- Convenient value bulk packs
- 25% space saver
- Less wastage on site
- Iconic great features
- Future ready



GRID & SKIN SWITCH BULK PACKS (50)

CLI3041VHBLK50-XW (1G BULK PACK OF 50)
CLI3042VHBLK50-XW (2G BULK PACK OF 50)

- Convenient value bulk packs
- 25% space saver
- Less wastage on site
- Iconic great features
- Future ready



P/E SMOKE ALARM LITHIUM BATTERY POWERED WIRELESS INTERCONNECT

CLI755LPSMA4

- Photoelectric technology for faster response to the most common fire type (smouldering fires)
- Sealed-in lithium battery with 10 year life
- Low profile modern design blends into any décor
- Built-in wireless interconnection, compatible with 755RFB2 surface smoke alarm mounting bases.
- Easy to install tamper-proof mounting base



FLUSH MOUNT SMOKE ALARM

CLI755PFM4

- Photoelectric technology for faster response to the most common fire type (smouldering fires)
- 240v with 9vDC backup
- Unique flush mount unobtrusive design blends into any décor
- Simple to install with 90mm cut out and large wiring terminals
- Backwards compatible with previous models
- Interconnect up to 40 alarms



SURFACE MOUNT SMOKE ALARM

CLI755RLPSMA4

- Photoelectric technology for faster response to the most common fire type (smouldering fires)
- Sealed-in rechargeable lithium battery with 10 year life
- Modern and robust design blends into any décor
- Wired interconnect up to 40 alarms
- Compatible with optional relay (CLI755RB) and wireless interconnection (CLI755RFB2) mounting bases



CALOUNDRA CEILING SWEEP FAN

CLIC4HS1300-WE (WHITE)
 CLIC4HS1300-AN (ANTHRACITE)
 CLIC4HS1300L-WE (WHITE WITH LED)

- Fully UV-stabilised ABS plastic
- 4 blade, 1300mm
- AC motor
- Integrated 4000K slimline LED light (CLIC4HS1300L-WE only)
- 13,000m³/hr airflow
- Coastal rated
- Easy-install blades



SURFACE MOUNT SMOKE ALARM WITH BATTERY BACKUP

CLI755PSMA4

- Photoelectric technology for faster response to the most common fire type (smouldering fires)
- Modern and robust design blends into any décor
- Flip down design for simple install and maintenance (easy 9VDC battery replacement)
- Wired interconnect up to 40 alarms
- Compatible with optional relay (755RB) and wireless interconnection (755RFB2) mounting bases



OUTDOOR INFRASCAN PIR MOTION SENSOR

CLI750WPRGY

- The original and the best
- High performance PIR sensing up to 18m at 110°
- Robust internal 10AX rated relay provides switching longevity
- High quality IP66 and UV protected housing
- Designed to handle Australian conditions



INDOOR 360° INFRASCAN PIR SENSOR

CLI753CF1

- Small, attractive flush sensor with unobtrusive design
- Movement detection via passive infra-red technology
- Sensing range of 3.5m Radius, up to 7m if tilted.
- Quick and easy settings for lux level and time under a gimbled head
- Consists of sensor and power box to allow for low ceiling spaces



BE A PART OF THE ULTIMATE EXPERIENCE

by purchasing Clipsal and Schneider products from Lawrence & Hanson branches between January 1st and June 30th 2019!



SPEND \$10,000^{EX GST} TO WIN...

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FLY

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PENANG!

A chance to experience the stunning natural beauty and incredible cultural sights of **Penang**. We have **5 trips for two** on offer to this Bucket List island paradise!

You'll get **ONE** entry into the draw for every \$10,000 ex gst spend!

SPEND \$70,000^{EX GST} TO GET...

PENANG!

AN UNFORGETTABLE TRIP FOR TWO TO PENANG!

Located along the beautiful coastline and beaches that stretch along Batu Ferringhi in Malaysia, Penang's soft sandy beaches and amazing cuisine make this 'Pearl of the Orient' a Bucket List Island **trip of a lifetime!**



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YOUR BUCKET LIST 2019 TRIP OF A LIFETIME!**

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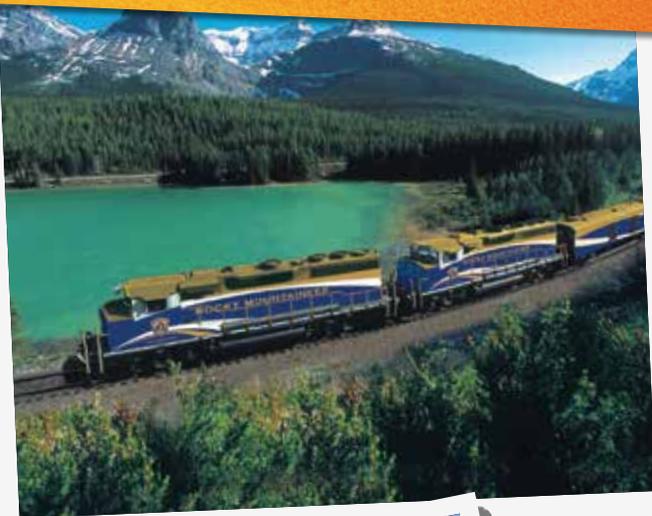
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This year we're taking you and your partner on the most **epic adventure** through the wonders of historic **Portugal!**

With an incredibly rich culture that reaches back centuries, **Portugal** will astound you with its **amazing food & wine, stunning beaches** and **architectural wonders.**

Get ready for the **trip of a lifetime** as we host you and your partner in magnificent **Portugal!**

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VANCOUVER & THE CANADIAN ROCKY MOUNTAINS!

IT DOESN'T GET MUCH BETTER THAN THIS!

Discover one of the world's most cosmopolitan cities, **Vancouver!**

With a stunning mountainous backdrop, this Canadian wonder is the gateway to the **magnificent Rocky Mountains** where we will whisk you and your partner away on an unrivalled adventure aboard the renowned **Rocky Mountaineer** – one of the world's most breathtaking train rides!

You will be talking about this **unforgettable** Canadian experience long after it's over!



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