

# Marketplace

YOUR ELECTRICAL ASSET | SEPTEMBER - OCTOBER 2023

**POWERBASE** 

## PDL Wiser

Create a Wiser business and keep up with the rise of Smart Home technology in New Zealand.

## Hot Deals

Don't miss the hottest deals of the month!

**+ PLUS**

## Industry Updates

The latest new products and innovations

## A global shift to universal Type-C charging

The European Union's common charger directive.



**FREE MANROSE ENAMEL COFFEE MUG**  
WITH \$250 PURCHASE OF MANROSE

**FREEDOM**  
*To explore*



Life Is On



by Schneider Electric

**SCHNEIDER ELECTRIC GIFT WITH PURCHASE**

Purchase 50+ PDL sockets and receive a FREE Power Station. While stocks last.

Life Is On



by Schneider Electric

# FREEDOM

*To explore*

## X50 Bulk Pack

**Purchase a PDL Iconic bulk pack or 50 sockets and receive an Eveready All Terrain 140 Power Station worth \$225**

While stocks last.



**Bulk Pack Sustainability:** Use of cardboard over plastic, grids not individually wrapped, less packaging waste, quicker to fit off and it comes with 2 trays to carry products.



**Energizer**  
SOLAR

**EVEREADY**

**ENERGIZER SOLAR**  
EVEREST 100 POWER STATION



AC OUTLET



EXOSKELETON DESIGN  
FOR ADDITIONAL  
STRENGTH & PROTECTION



**EVEREADY**  
ALL TERRAIN 140 POWER STATION



COMPLETELY  
PORTABLE



IP64 SPLASH  
& DUST PROOF



## X80 Sockets

**Purchase 80 PDL 600 or PDL Pro Series sockets and receive  
an Energizer Solar Everest 100 Power Station worth \$250**

While stocks last.



Pro



600



# HALCYON



## S900 Dark Art.

**\$137.00**

### **Cevon Tilt/Rotate Surface Mount Spot**

14W, 950lm, 3000K, CRI97, IP44  
60° beam, 90° tilt, 355° rotate  
>55,000 hour (L90) lifespan  
D79 x H121mm  
Dimmable driver incorporated  
5 year warranty

Halcyon's new Cevon Surface Mount Spot series is ideal for feature lighting over kitchen islands, artwork and even bedsides. Featuring hidden wiring, a flawless diecast housing for a minimalist aesthetic and magnetic interchangeable reflectors the new S900 Dark Art range is perfect for tricky installations that demand extra low glare, high CRI (97+) and high output illumination.

Visit [www.halcyonlights.co.nz](http://www.halcyonlights.co.nz) for detailed specifications.



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**PHILIPS**

**SAIL GP**<sup>™</sup> / AUCKLAND

**THE MOST EXCITING  
RACING ON WATER  
IS COMING TO  
TĀMAKI MAKĀURAU  
AUCKLAND!**

March 23rd & 24th 2024



# Darts!

**NEW ZEALAND DARTS MASTERS • HAMILTON • 4-5 AUGUST 2023**

Rob Cross fought back superbly to defeat newly-crowned World Matchplay champion Nathan Aspinall 8-7 in the New Zealand Darts Masters final in Hamilton in early August. Powerbase was there to witness the action.



**Welcome to our Spring issue of Marketplace for 2023, the promotional and business publication from the members of the Powerbase electrical wholesale group.**

We hope the technical features and advertorials in this issue spark ideas that will help grow your business or make it more effective. For more details on these product ranges contact your local Powerbase branch.

Let us know if you have an industry topic or product install case study that we could feature in Marketplace.

Email your submission to

**[national.office@powerbase.co.nz](mailto:national.office@powerbase.co.nz)**

Also, if you happen to come across an electrical botch-up in your daily work, photograph it, and send it in. It could be featured in our Epic Fail section, page 66 and you could win a \$50 Subway voucher!

Powerbase is the largest group of independent electrical wholesalers, all locally owned and operated. The people you deal with are the ones that own the business – so we're committed to keeping you happy!

**Kevin Lynn**  
Group Commercial Manager  
Powerbase Limited



# MANROSE®

## CONTOUR 150mm

### KITCHEN & LAUNDRY FAN

Manrose CONTOUR bathroom fan delivers simple compliance with current New Zealand Building Code G4/AS1 mandatory mechanical extract ventilation system requirements.



- 50W Total Load
- 105 l/s, 378 m³/hr
- Standard Switching
- 0.48 W/l/s Specific Fan Power
- 42 dB(A) Sound Level



FAN7032

Fascia Selections:



DCT4510  
Round White



DCT4511  
Round Black



DCT4514  
Round LED White



DCT4515  
Round LED Black



DCT4512  
Square White



DCT4513  
Square Black



DCT4516  
Square LED White



DCT4517  
Square LED Black



## QUIET 125 & 150mm BATHROOM & KITCHEN FANS

The new high-pressure and energy-efficient QUIET fans have ultra-high airflow without nuisance noise and are designed to be ducted straight through a bathroom or kitchen exterior wall.



125mm / 150mm Models

### HUMIDITY SENSOR AUTOMATION

- 15 / 22W Total Load
- 54 / 114 l/s, 194 / 410 m³/hr
- 68 / 138 Pa Maximum Pressure
- 38 / 41 dB(A) Sound Level
- 0.28 / 0.19 W/l/s Specific Fan Power



FAN7182  
125mm Bathroom Fan



FAN7185  
150mm Bathroom & Kitchen Fan

Glight

GFL700

## MARINA



### FEATURES

- Die-cast aluminium housing
- Stainless steel screw for anti-corrosion
- Mounting bracket: Top quality anti corrosive material with special powder coating
- Corrosion Class: C5-M
- Passed 3000+ salt spray test, excellent anti-corrosion performance
- Tempered glass cover and polycarbonate optical lens
- Luminaire efficiency: Max. 155lm/W
- Built-in LED driver and 10kV Surge protection device
- Pre wired with mains cable
- LED lifespan: 67000 hours @ L70, Ta 25°C
- Ta: -30°C to +50°C



Glare covers



50W/100W/150W/200W/300W/400W/500W

PREMIUM PRODUCTS **SHOP NOW >**  
**FEATURED**



www.glight.co.nz

Lighting Council of New Zealand

A Brighter Future Together



# NEW BUILD PROJECTS HOMESTAR V5

Homestar is the NZ Green Building Council holistic tool that awards points across various credits to rate a home's performance and environmental impact. There are mandatory minimum requirements to encourage and

recognise ventilation measures that control indoor moisture levels, improve indoor environment for occupants, reduce respiratory illnesses and the risk of mould, and increase the durability of the dwelling. ✓



**PURCHASE \$250 OF  
MANROSE PRODUCT &  
RECEIVE A FREE ENAMEL  
COFFEE MUG.**

PROMOTION RUNS FROM 1 SEPTEMBER  
- 31 OCTOBER 2023 OR WHILE  
STOCKS LAST.

| GOOD STANDARD   |                 | BEST PRACTICE   |                 | WORLD LEADING |
|-----------------|-----------------|-----------------|-----------------|---------------|
| 6               | 7               | 8               | 9               | 10            |
|                 |                 |                 |                 |               |
| 60-69.9 Points* | 70-79.9 Points* | 80-89.9 Points* | 90-99.9 Points* | 100+ Points*  |

\*The points are for the total home specifications

**Ventilation Mandatory Minimums**

| 6 & 7    | 8        | 9 & 10   |
|----------|----------|----------|
| 2 points | 3 points | 4 points |

**Ventilation Credit Criteria**

Up to 4 points are available where it is demonstrated that indoor moisture levels have been managed through one of the three methods listed below. An additional 1 point available for commissioning.\*

**Moisture Management Through Ventilation**

|   |          |
|---|----------|
| Continuous Extract Ventilation  | 2 points |
| Balanced Ventilation  | 3 points |
| Balanced Ventilation with Heat Recovery (MVHR)  | 4 points |
| Commissioning - An additional 1 point available for ventilation system commissioning. |          |

**Compliant NZGBC ECCHO Products - Moisture Management Through Ventilation**

**MANROSE**

**GENIUS**  
Continuous Extract with Boost

**FAN6844**

**6-8\***  
**GOOD STANDARD**  
2-3 points

**Vent-Axia**

**MultiVent**  
Continuous Extract Ventilation - 3 Room

**FAN7200**

**6-8\***  
**BEST PRACTICE**  
2-3 points

**SmartVent balance**

**BAL225  
BAL405**

**9-10\***  
**WORLD LEADING**  
4 points

Products listed on NZGBC's Energy Carbon Calculator for Homes (ECCHO) - the online design compliance tool.



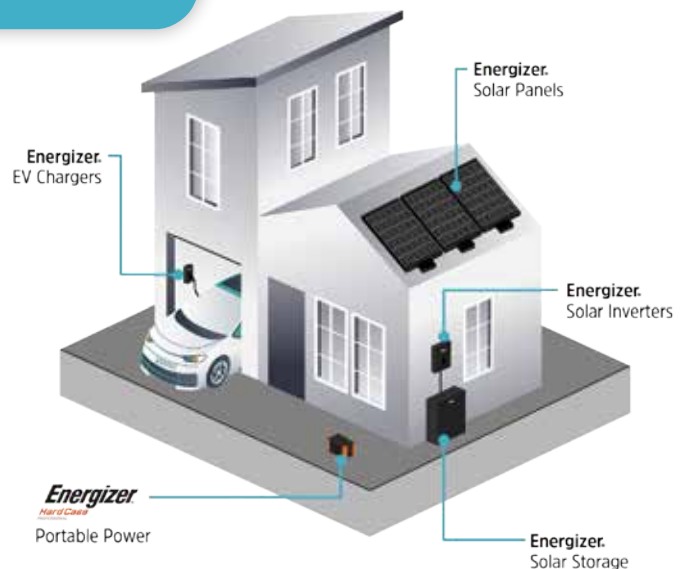
**Energizer**  
SOLAR

# Discover the complete Solar Ecosystem.

Energizer® Solar provides safe and reliable energy solutions to power your **home** and **lifestyle**.

Power your entire home or energize your adventures with clean energy from a brand you can trust.

Exclusive to **POWERBASE**



[WWW.ENERGIZERSOLAR.COM](http://WWW.ENERGIZERSOLAR.COM)





Exclusively available from



# Power your entire home with Energizer® Solar.

## Power your home and lifestyle with a brand you can trust!

### Powerbase appointed as NZ distributor of trusted Energizer® Solar products

Powerbase should now be your first call when looking to provide your clients with a complete solar solution. All Powerbase branches now distribute Energizer® Solar's innovative products, including the Energizer® Solar Powerstack, Force Inverters, and Beam Panels. These products provide the complete solar ecosystem homes need to harness the power of the sun.

The Energizer® Solar Powerstack is a powerful and flexible energy storage system that can be tailored to homeowners specific needs. It can capture and store excess solar power during the day, to use during peak hours or at night. The Energizer® Solar Powerstack is designed for long-lasting durability and impressive capacity to ensure a solar investment will last for years to come.

The Energizer® Solar Force Inverters are designed to seamlessly integrate with any solar system, converting DC power into usable AC power - perfect for maximising solar output and reducing dependence on the grid.

The Energizer® Solar Beam Panels are highly efficient solar panels that capture more sunlight per unit area than traditional panels, providing more power and greater savings. Optimised for performance and durability, they are rated for use in even the harshest of elements.

The Energizer® Solar EV Charger completes the Energizer® Solar ecosystem by offering a sustainable and comprehensive solution for solar power usage. With the EV charger, users can harness solar energy to power their electric vehicles, ensuring a seamless transition to a clean and eco-friendly transportation option.

Overall, Energizer® Solar provides you with everything you need to harness the full potential of the sun's power. Trust Powerbase to be your partner in sustainability and cost-efficient energy usage.

**Contact your local Powerbase branch for more information.**



Energizer Solar Beam Panels



Energizer Solar Force Inverters

# STANDOUT TRADE SERVICES







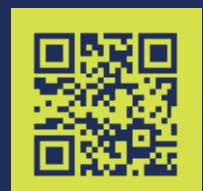
Taking NZ  
to the next

level

GROUP ANZ

Join Level and be part of ANZ's  
fastest growing Electrical &  
Plumbing Member Network.

Visit [levelnz.nz](https://levelnz.nz)  
to learn more



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# MARKET LEADING CHARGING SOLUTIONS

At the forefront of industry change, Legrand is leading the way to the new future of USB Charging.

Get powered up in no time with our USB chargers, available in both dual A+C and C+C ports and powerpoints. Built for convenience, the USB port features 3A charging capacity and overload protection to charge two smartphones or one tablet at full speed.

FROM

2 X TYPE C USB PORTS



EXCEL LIFE 10A DOUBLE POWERPOINT WITH USB TYPE C+C 3A IN WHITE  
ED777USBN2CWE

FROM

FROM



EXCEL LIFE  
10A DOUBLE POWERPOINT WITH  
USB TYPE C+C 3A IN BLACK  
ED777USBN2CBL

EXCEL LIFE  
USB CHARGER TYPE C+C 3A  
IN URBAN GREY  
ED770/1UG+ EMUSBN2CUG

EXCEL LIFE  
USB CHARGER TYPE C+C IN WHITE  
EMUSBN2CWE

Excel Life coverplate options:



White



Matt Silver



Urban Grey



Black



Matt White



Matt Black



# A GLOBAL SHIFT TO UNIVERSAL TYPE-C CHARGING

In October last year, The Council of the European Union gave its final approval to the common charger directive. This means that in 2024, a USB-C port will become mandatory in the European Union for a whole range of electronic devices such as mobile phones, tablets, and headphones.

17,000 kms away in New Zealand, we can celebrate this directive as a win. The transition to universal Type-C charging will soon reach our shores, and along with it the convenience of one-size-fits-all chargers, faster charging technology and a significant reduction in our electronic waste.

## BENEFITS OF TYPE-C CHARGING


The adoption of a universal Type-C standard offers increased compatibility and convenience, simplifying charging across different devices without the need for additional adapters. As a result, electronic waste will significantly decrease, making the move toward standardized charging more sustainable and environmentally friendly.

Type-C cables also support higher power delivery, resulting in faster charging times, especially beneficial for larger devices like laptops and tablets.

## LEGRAND LEADING THE CHANGE

Legrand has taken the lead in discontinuing its dual Type-A charging mechanisms in favour of Type-C and dual Type C solutions. Wiring device ranges such as Excel Life (white, black, and urban grey), Arteor (white and magnesium), Excel, and Linea will no longer support Type-A capability.

Legrand's charging solutions are transitioning from 4.8A to 2.4A, offering ease-of-installation to standard flush boxes and reducing costs. The 2.4A capability allows users to charge two smartphones simultaneously without the need for bulky power supply dongles. For those requiring an extra powerful charging solution, Legrand retains its 60W (external power supply) single Type-C mechanism.

All of Legrand's charging solutions feature 5V DC voltage, overheat protection, surge protection, overload protection of 3.1A, and a standby power of <70mW, ensuring safety and efficiency. 

To explore Legrand's new Type-C charging solutions get in touch with your local Powerbase Branch.



# INDUSTRY UPDATES

The latest new products and innovations.  
For more information contact your local Powerbase Branch

## EVLINK™ PRO AC

Life Is On

Schneider  
Electric

Reliable charging for efficient buildings

### User-friendly

Ease of daily operation - bright LED lights give clear visual indicators of status for users. Commissioning time reduced by up to 80% using new e-setup app (mobile friendly). Schneider Electric user resources easily accessible online including video guides to support first time EV charger users.

### Advanced Connectivity

- Schneider Electric e-setup app used for ease of commissioning on-the-go and ongoing maintenance
- Reduce commission times with the ability to pre-load configurations
- Remote monitoring: tested to be compatible with major charging platforms
- Robust free-standing outdoor metal kit available for public charging applications, with dual outlet options
- Schneider Electric internal servicing team available for commissioning and ongoing maintenance
- Smart charging
- OCPP 1.6 Jcon
- Modbus
- Plug-in 3G/4G modem option available.

### Sustainability

- Circularity profile
- Green Premium™ label
- Repairability.

### Reliability and safety

- Robust products:
  - Individually factory tested and certified
  - Compliant with latest strict European guidelines such as IEC61851 and "Plug & Charge"
- In-built RDC-DD 6mA protection, requiring only Type A protection upstream
- MNx (Under voltage tripping auxiliary protection embedded in the charger).

### Return On Investment

- Serviceable components stocked locally for ease and speed of replacement
- IP55 - best in class suitable for outdoor use in harsh NZ environments
- IK10 - Commercial grade impact resistance
- Accurate 1% or better metering for fair and reliable user billing.

### Benefits

- Schneider Electric EVlink Pro AC, the next generation of charging stations for electric vehicles
- EVlink Pro AC:
  - Enables reliable & sustainable smart charging for residential multi-dwelling developments and commercial buildings
  - Scalable - future flexibility and expansion while being backwards compatible with legacy hardware
  - Ease and speed of commissioning reducing time needed on site
  - Built to last and reduce ongoing costs with options to service/repair
  - Ready for vehicle to grid
  - Maximise power availability & TOU using Schneider Electric dynamic load management.





## STREAMLINE ACADEMY

The Streamline Academy is a new wide body batten from Pierlite designed for educational facilities and quality office environments. It is packed with the latest LED lighting technologies including advanced glare control, superior colour rendering and flicker free to meet Ministry of Education's lighting specifications while offering sufficient brightness, contrast and visual comfort.

The luminaire can be both surface mounted and suspended with the use of a suspension kit. Its 200mm wide profile can easily cover existing ceiling footprints which makes it ideal for retrofitting.

In addition, the Streamline Academy comes with three length options – 2ft, 4ft and 5ft that are joinable with the use of a joining kit. It has DALI dimming as standard and ready to order emergency versions. These features add another layer of flexibility to installation and futureproofing.

### Features

- Simple, modern construction and appearance that is robust and easy to install.
- High performance CRI90 LEDs which supports visual clarity and comfort.
- Low glare optics for UGR19 compliant designs.
- Flicker free LED driver in DALI. Emergency options available to order.
- Install independently or make it linkable for both surface mounted and suspended.

COMING OCTOBER '23



## POWERBASE NOTEBOOK

### GENERATION ZEROGRAND II

These shoes are made using almost entirely recycled materials. Vegan microfiber made of 21% recycled content and a felt fabric made of 85% plastic bottles. The laces are completely recycled, and the soles have a minimum of 25% natural dandelion rubber!



### APPLE WATCH ULTRA

The Apple Watch Ultra is encased in a titanium shell, making it more hard-wearing and durable than any previous Apple Watch. It also has a brighter, scratch-resistant screen, and a battery that lasts almost twice as long between charges.



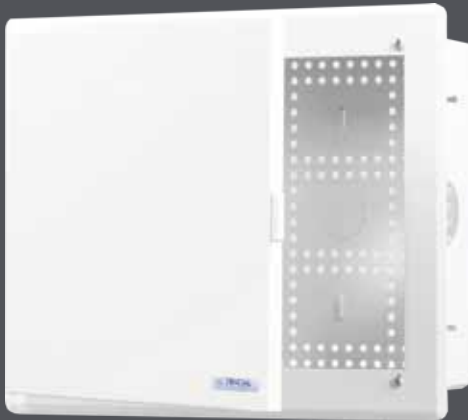
### BARBIE INLINE SKATES

If you really want to pretend to be real-live Barbie, you can now wear her skates! Impala has released the official look of Barbie and Ken! With the new Barbie Inline Skates. The Impala Lightspeed skates are the exact same ones that you can see in the movie trailer.



# HOME NETWORK SOLUTIONS

## RESIDENTIAL DATA ENCLOSURES



### ST2

Ezydata enclosure size 2  
W 355mm x H 275mm x D 90mm



### ST6

Ezydata enclosure size 6  
W 355mm x H 575mm x D 90mm



### ST8

Ezydata enclosure size 8  
W 355mm x H 725mm x D 90mm

### KEY FEATURES:

- Steel construction
- Magnetic latch
- Matches look of Ezywire indoor combination boards
- Hidden ventilation
- Unique GPO knockouts to accommodate all GPO /Surface / Recessed



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Wiri, Auckland 2104

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[trical.co.nz](http://trical.co.nz)

 **TRICAL**  
A brand of  **legrand®**



# Campbell Burnes on Rugby

# DIARISE

# OCTOBER 15-16

Former Manu Samoa No 10 and freelance rugby scribe Campbell Burnes argues that the fate of the Rugby World Cup may rest on quarter-finals Nos 2 and 4.

It's a big weekend in New Zealand from October 14-15.

On the Saturday we have the general election, followed hours later by the second of the quarter-finals, which is the winner of Pool B (likely South Africa or Ireland, sorry, Scotland fans) versus the runner-up in Pool A. If the All Blacks lose their RWC opener against France and thus drop their game ever in the RWC pool stages, that will be them. That kickoff is at 8am on Sunday October 15 NZT.

However, if they win that opener against France and thus top Pool A, the All Blacks will play the following day (8am, Monday October 16 NZT) against (likely) either Ireland or South Africa. Either way, two of the best four teams in the world will be exiting the World Cup stage left two weeks before the climax. That is a shame in the extreme.

This scribe would love a tenner for every time someone has asked me how the World Cup will go in France. I invariably reply that it all hinges on that quarter-final weekend. The winners of quarter-finals No 2 and 4 could easily go all the way to the final, where the All Blacks versus France is not beyond the realms of possibility. On the weaker side of the draw, an England or Australia or Argentina could quite conceivably reach the final without over-exerting themselves.

The All Blacks' early form in July would suggest that they are more than capable of rising to the challenge of Ireland or

South Africa, especially as the Irish have an unhealthy reliance on the fitness of Johnny Sexton, who was still, at the time of writing, making his way back from another injury.

Les Bleus of France may well justify the favourite tag. Mentally flaky and ill-disciplined too often in the past, they now look a galvanised, cohesive group under coach Fabien Galthié, with the world's best player, Antoine Dupont, pulling the strings in expert fashion. Even if they lose to the All Blacks on September 9, they are more than capable of winning their first title, and what a boon that would be for the game in France.

They already have the best Under 20s unit on the planet, their massive young pack helping trounce Ireland in July's world champs final. Their women are No 3 on the world rankings, but capable of moving on up. This could be the moment for France. But Les Bleus will, like the All Blacks, have to negotiate a tricky quarter-final against either Ireland or South Africa.

There are always many

variables in a World Cup. Many are worried that a red card for an accidental head clash will decide matters. That, too, could easily transpire. Untimely injuries will occur.

But one of the few things we can say with certainty is that this World Cup will hinge on two quarter-finals, where two very good teams will depart the event. Then it's all on. All Blacks fans, prepare for the highs and the lows. There will be nothing in between. ■



The All Blacks and South Africa have already met twice this year and the odds of a third clash, in mid-October, are good.



**Arrowhead**  
Alarm Products

## Innovative Security & Control

### Answer Your Door Anywhere

Surface mount IP video door station with 1 call button

#### Features

- Automatic door buzzer
- HDTV video
- Motion sensor with 4D technology
- Store still images for free
- Light sensor for night vision mode
- Noise reduction and echo cancellation
- Geo-fencing (automatic door & gate opening)
- Call button with backlit nameplate

**DoorBird**  
Technology meets Design.  
DB-D1101V



### Heavy Duty Reed Switch

Multi-purpose reed providing instant activation if your roller door has been tampered with

#### Features

- 63.5mm gap
- Rhodium contacts
- Armoured cable - 610mm length
- Closed circuit
- Perfect for applications such as residential garage doors & commercial roller doors
- Double strength welds with solid brass splice
- Heavy duty construction



SP-3000A



**ROBUS®**

### OHIO CCT3 LED BULKHEAD



CCT3 SELECTABLE  
3000K / 4000K / 5700K



IP54 RATED



COMES WITH WHITE  
& BLACK TRIMS FOR  
EASY CUSTOMISATION



IK08 RATED

- LED replacement for 100W incandescent fittings
- Polycarbonate base with opal diffuser
- Integral rubber seal between mating surfaces
- Comes complete with white and black trims
- Male / female connector between base mounted driver and diffuser mounted LED tray
- Double insulated

#### OHIO CCT3 LED BULKHEAD

| Part Code    | Description                     |
|--------------|---------------------------------|
| RHC12CCT3-01 | 12W IP54 Circular Bulkhead CCT3 |
| RHV12CCT3-01 | 12W IP54 Oval Bulkhead CCT3     |

#### NEW FROM ROBUS




WWW.ROBUSLED.CO.NZ

LED GROUP EUROPE · AUSTRALIA · ASIA · NEW ZEALAND · AFRICA





## ECO PANEL

- **COLOUR**  **SELECT** 4000K / 5000K / 6500K
- Surface box, recessed frame and emergency kit accessories available

ECOPL066CSEG2  
600 X 600  
27W / 2800LM

ECOPL123CSEG2  
1200 X 300  
28W / 2800LM

ECOPL126CSEG2  
1200X600  
49W / 5000LM



## BWP ECO WEATHERPROOF BATTEN

- **COLOUR**  **SELECT** 4000K / 5000K / 6500K
- IP65 & IK08 rated for installing in harsh environments
- Operating temperature: -10°C to +40°C
- Clip-in gear tray with safety lanyards and large terminal block for easy installation

BWPECO404G2  
**LUMEN**  **SELECT**  
4FT / 1400mm  
19W / 2700LM, 28W / 3600LM  
33W / 4200LM, 41W / 5000LM

BWPECO505G2  
**LUMEN**  **SELECT**  
5FT / 1500mm  
27W / 3400LM, 37W / 4600LM  
44W / 5300LM, 56W / 6300LM

BWPECO505G2ME (Emergency)  
**LUMEN**  **SELECT**  
5FT / 1500mm  
27W / 3400LM, 37W / 4600LM  
44W / 5300LM, 56W / 6300LM



## LED SMART PHASE DIMMER KIT


### MEDM-KIT

Dim to OFF with most LED light sources  
Mechanical adjustment for minimum brightness level  
Two wire design - no neutral connection required  
2W - 400W load

Compatible with PDL Iconic (1 & 2 Gang), PDL 600, PDL Saturn Zen, Legrand Excel Life, Clipsal C2000, HPM Excel and Vynco Home switch plates.



## ECO BATTEN

- **COLOUR**  **SELECT** 4000K / 5000K / 6500K, CRI80
- Flicker free design
- Insect proof removable LED module for easy installation

ECOBAT404ECSLS  
4FT / 1200MM **LUMEN**  **SELECT**  
20W / 2400LM, 26W / 3000LM  
31W / 3500LM, 37W / 3900LM

ECOBAT505ECSLS  
5FT / 1500MM **LUMEN**  **SELECT**  
29W / 4000LM, 37W / 5000LM  
45W / 5800LM, 52W / 6400LM

ECOBAT505ECS/ME (Emergency)  
5FT / 1500MM **LUMEN**  **SELECT**  
29W / 4000LM, 37W / 5000LM  
45W / 5800LM, 52W / 6400LM



## STREAMLINE BATTEN

- 170mm wide body to cover existing footprint
- 4000K, CRI80

STMLED4/4  
4FT / 1200MM  
42W / 4500LM

STMLED5/4  
5FT / 1500MM  
61W / 6700LM




## DALI WALL PLATE DIMMER

### DGDALIDM

- Simple lighting control for DALI light fixtures
- Configurable minimum brightness setting
- Up to four DALI Wall Plate Dimmers can be connected in parallel on a DALI Line for multi-point control
- Able to control up to 50 DALI drivers on a single DALI line
- Only mains connection (active and neutral) and DALI connection (DA/DA) required
- Can be powered by external DALI power supply connected to DALI line (no mains connection required)



## SHADOW ECO FLOODLIGHT

- **COLOUR**  **SELECT** 3000K / 4000K / 5000K
- IP65 & IK08 rated
- Operating temp. -10°C to +40°C
- Robust aluminium housing (copper content <0.1%)

SHADOWECO100CS  
96W / 11600LM

SHADOWECO200CS  
198W / 23700LM



## PIERLUX ECO HIGHBAY

- 4000K or 5000K
- IP65, IK08
- Operating temp: -20°C to +50°C
- Low copper (<0.1%) aluminium housing
- Complete with 1.7m Flex & Plug

Accessories (order separately): sensor, sensor remote control, surface mount kit, polycarbonate refractor, polycarbonate refractor lens, aluminium reflector, aluminium dust cover.

ECOH8200W84LSG2  
**LUMEN**  **SELECT**  
4000K  
96W / 16000LM  
147W / 23900LM  
161W / 25800LM  
190W / 29900LM

ECOH8200W85LSG2  
**LUMEN**  **SELECT**  
5000K  
99W / 17900LM  
149W / 26000LM  
172W / 29200LM  
204W / 33700LM

**Energizer**

**ENR Ultimate Lithium**  
AA<sub>10</sub>  
WORLD'S LONGEST LASTING

**E302717200**  
ENR Ultimate Lithium  
Bulk AA DP10

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INSPECTION LIGHT  
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ENL Metal Inspection Light  
100 Lumens PMHH22  
**E301700200**

**Energizer**  
TAC 700  
700 LUMENS  
ENL TAC 700 Lumens  
PMHT2L  
**E301618500**

# SPEND 50

## Linkable Low Glare LED Pendant

**Diffuser**  
Microprismatic,  
offering ultra low glare

**Up/Down Light**  
Removal uplighter module

**CCT Switchable**  
3000k / 4000K

**Linkable**  
Up to 400W,  
connector  
included in box

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4700lm - 5700lm

**2x Sizes**  
1500L x 50W x 72H mm  
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**2x colourways**  
Black and White

**Lifespan**  
50,000 hours

**eurotech lighting**  
Product Info  
Scan Me

**eurotech lighting** out of the box solutions made easy





RLDL122



RLDL122U



RLE7HDSPEED



RLEMHD11SPEED

## Reload Downlight Pro COMPLETE

Includes: Bowl, Pilot & Adaptor, 92mm Deep Cut Holesaw, RLHD300 Speed Arbor with 300mm Extension

- SPEED core ejection - eject up to 4 cores at once
- Sealed ball bearing hub
- Fits HSS or TCT hole saws up to Ø122mm
- Up to 2.7m reach

\*DRILL/DRIVER NOT INCLUDED

## Reload Downlight Pro UPGRADE

Includes: Bowl, Pilot & Adaptor

\*HOLE SAW & RLHD300 SPEED ARBOR NOT INCLUDED

FREE WITH  
PURCHASE OF  
RLDL122

## Reload Electricians 21 Piece SPEED

Includes: SPEED Core Eject Arbor, 7x DEEP CUT COBALT HSS 20, 22, 25, 32, 40, 51, 73, + 2 pilots, 2x 2-up Bosses

- Push-button release to eject the core
- World's most compact core eject arbor

## Reload Electricians 29 Piece SPEED

Includes: SPEED Core Eject Arbor, 11 x DEEP CUT COBALT HSS 16, 20, 22, 25, 32, 40, 51, 64, 73, 83, 92mm, 11 Bosses + 2 pilots, 2x 2-up Bosses

- Push-button release to eject the core
- World's most compact core eject arbor

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WE HAVE THE PACK FOR YOU



HAMSQPROPACK

### Hamer Square Pro Pack

INCLUDES:

- Square Head Screwdriver #1 (HSDSQ1)
- Square Head Screwdriver #2 (HSDSQ2)
- 1000V Slotted Slim Shaft 4x100mm (HSDSL408)
- 1000V Slotted Slim Shaft 5.5x125mm (HSDSL551)
- 1000V Slotted Slim Shaft 6.5x150mm (HSDSL6512)
- 1000V Phillips Head Slim Shaft #0 x75mm (HSDPH075)
- 1000V Phillips Head Slim Shaft #1 x100mm (HSDPH1100)
- 1000V Phillips Head Slim Shaft #2 x100mm (HSDPH2100)
- Universal Pliers 8.5" (PU-8)
- Long Nose Pliers 7" (PLN-8)
- Side Cutting Pliers 8" (PSCA-8)
- Tape Measure 8m (TM32-8)
- Taurus Leather Classic Apron (EB409R)

### Hamer Square X Factor Pack

INCLUDES:

- Square Head Screwdriver #1 (HSDSQ1)
- Square Head Screwdriver #2 (HSDSQ2)
- 1000V Slotted Slim Shaft 4x100mm (HSDSL408)
- 1000V Slotted Slim Shaft 5.5x125mm (HSDSL551)
- 1000V Slotted Slim Shaft 6.5x150mm (HSDSL6512)
- 1000V Phillips Head Slim Shaft #0 x75mm (HSDPH075)
- 1000V Phillips Head Slim Shaft #1 x100mm (HSDPH1100)
- 1000V Phillips Head Slim Shaft #2 x100mm (HSDPH2100)
- Universal Pliers 8.5" (PU-8)
- Side Cutting Pliers 8" (PSCA-8)
- Electricians Tool Pouch (ETP6)



HAMSQXPACK

# VYNCO

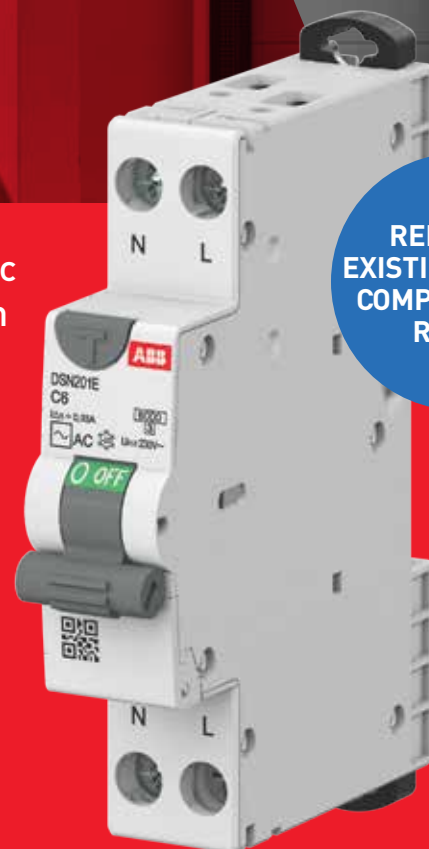
# ABB

INTRODUCING THE

# NEW DSN201E RCBO SERIES

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- 10 kA breaking capacity available up to 20 A
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EXISTING DSN201  
COMPACT RCBO  
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# CT series

## Ultra Performance Flexible Rubber Control Cable

**Firstflex Chemtuff CT Series** is an extremely flexible control and signal cable for use on machines, portable tools, conveying equipment and other industrial applications. It has a durable SER sheath with excellent resistance to oil, abrasion and solvents making it suitable in harsh industrial environments. It is flexible for fixed installation as well as occasional flexing without tensile load.

- ✓ Cut to length – **No Cutting Fees, No Minimum Order Quantity**
- ✓ Stocked 2 core to 50 core
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- ✓ Extra fine stranding for extreme flexibility
- ✓ Extensive oil, solvent and chemical resistance
- ✓ Metre marked for better length control
- ✓ UV stabilised



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# KLEIN TOOLS®



# TRADESMAN PRO™

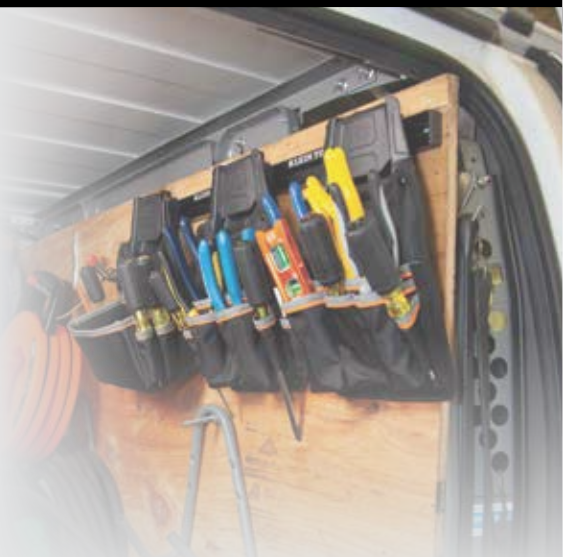
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- 4 Pockets
- Fits most impact and battery drills
- Constructed with durable 1680d ballistic weave



### Wall Rack 55921

- Constructed with heavy-duty anodized aluminum
- Three adjustable mounts slide on bar to accommodate pouch configurations
- Securely stores three Modular Tool Pouches
- Comes with mounting hardware to secure in garage, shop, or work van



### Piping Pouch 55912

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### Parts Pouch 55913

- 7 Pockets
- Open pockets are perfect for fasteners and other small parts
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- Constructed with durable 1680d ballistic weave

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- Padded belt with mesh interior is breathable and comfortable
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# On the Eve of War: THE STORY OF THE 1914 FRENCH GRAND PRIX



Since its creation in 1886, it wasn't long before the idea of racing motor cars caught on. The first European races were held on public roads and would see the pioneering drivers of the day racing at speed between two main European capitals. These continued until the early 20th century, where the notorious Paris to Madrid race of 1903 saw the death of five drivers and spectators.

This led to the creation of the first ever Grand Prix in 1906. Held on a section of closed roads outside Le Mans, it saw the big manufacturers battle it out over two days on a specially designed circuit. The winner was Francois Sisz in a Renault.

In the years that followed, Grand Prix racing grew immensely in popularity. It became a source of national pride and saw England, France, Italy and Germany all competing for glory. One earlier

Grand Prix often described by motorsport historians as one of the greatest ever, took place at Lyon on July 4th 1914, only weeks before the outbreak of World War I.

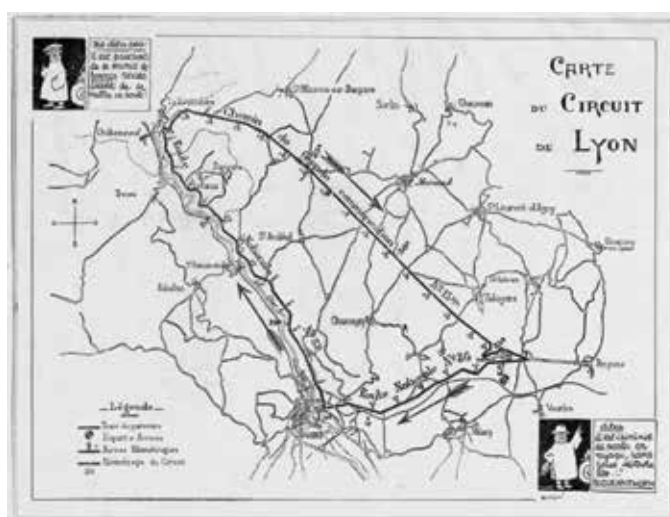
Hosted by the L'Automobile Club de France, it was the 1914 French Grand Prix. Held over 7 hours and 753km of back-breaking roads through the French countryside, it was the biggest race of the Grand Prix season. France had already cemented itself as the hub of European motorsport and the dominant cars in the field were the Peugeots with their double overhead cam engines and four-wheel brakes.

Peugeot also had a strong team of drivers which included the great Georges Boillot. The moustachioed French racer already had many Grand Prix wins under his belt and many would expect him to have repeated success in his home Grand Prix.

However, another manufacturer had other plans.

Mercedes had stayed out of Grand Prix racing since 1908 after a win in that year's French Grand Prix. Daimler-Benz management decided to focus on the production on aircraft engines instead. This field allowed the Germans to gain a unique understanding of lightweight materials and design. This is something which proved invaluable for readying a fleet of five cars for the 1914 Grand Prix season.

With the assassination of Austria-Hungary Archduke Franz Ferdinand occurring only a week before, and the potential for war breaking out between the European powers growing ever stronger, Daimler-Benz decided, for political reasons, that Mercedes must win the French Grand Prix that year.







The tool to do it was the Mercedes 18/100. It featured a 4.5L four-cylinder engine based on an aircraft design with four valves per cylinder. Each cylinder was built from forged steel instead of cast iron. Each 18/100 weighed in at 1100kg with power rated at 78kW and 283Nm of torque.

The 18/100 was also good for 112mph flat out. Mercedes, also keen to promote the German alliance with Austria-Hungary, stated their new car's crankshaft was built with high-grade Austrian steel. However, the Mercedes did not feature the same four-wheel brakes as the Peugeot. This would give Peugeot a tremendous advantage in the corners, but Mercedes had their star driver, Christian Lautenschlager. Having won the Grand Prix in 1908, Lautenschlager was highly skilled and would be a great asset.

At 8am on July 4th, 37 cars from six countries all took their place for the start. The 20 lap French Grand Prix got underway with two cars setting off at

30-second intervals. Boillot took an early lead, but the Mercedes of German, Max Sailer managed to pass him when the Frenchman pitted unexpectedly after the first hour.

Despite not having the edge in stopping power, the Mercedes was just as composed in the corners and much quicker than the Peugeots on the straights. Sailer pushed hard and set a new lap record on the fourth lap. He was inexperienced and keen to show Lautenschlager he was capable in the seat. However, Sailer retired after pushing his car too hard on lap six. As a result of this, and the other hard-driven Mercedes of Theodore Pillette retiring as well, much of the field also dropped out due to pressure from the Germans. Some claim team Mercedes used these two as "rabbit" cars to break the field, but all involved on the day have denied this was the case.

That said, Mercedes ran their team with military-like precision. They knew exactly where each car was in the race at any



given time. As more cars dropped out due to mechanical problems, Mercedes slowly moved their faster cars up into position.

Boillot in his Peugeot managed to keep a commanding lead until the 12th lap where Lautenschlager in his Mercedes managed to pass him. The lead was now see-sawing between Lautenschlager and Boillot. The crowds went ballistic every time they passed the start/finish line, as the end of each lap saw a different leader.

After a heroic drive, Boillot over revved his Peugeot and retired with just two laps to go. He sat on the side of the road weeping. With the pressure from Peugeot off, Lautenschlager eased off and led two other Mercedes to an historic 1-2-3 victory. Peugeot and the 300,000 French fans were utterly stunned.

Mercedes had emerged triumphant. However, just three weeks after their win, Europe was plunged into conflict. The First World War had begun.

Christian Lautenschlager's winning Mercedes 18/100 still exists today in the hands of a private collector. Lautenschlager would return to racing in the years after World War One. He even drove for Mercedes in the Indy 500, but with limited success. Boillot served as a fighter pilot during the war. Sadly, he was tragically killed in 1916 after being shot down over Verdun.

Mercedes would go on to turn Grand Prix racing upside down in the 1930s. However, their exploits with fellow German team Auto Union are for another story entirely. ■

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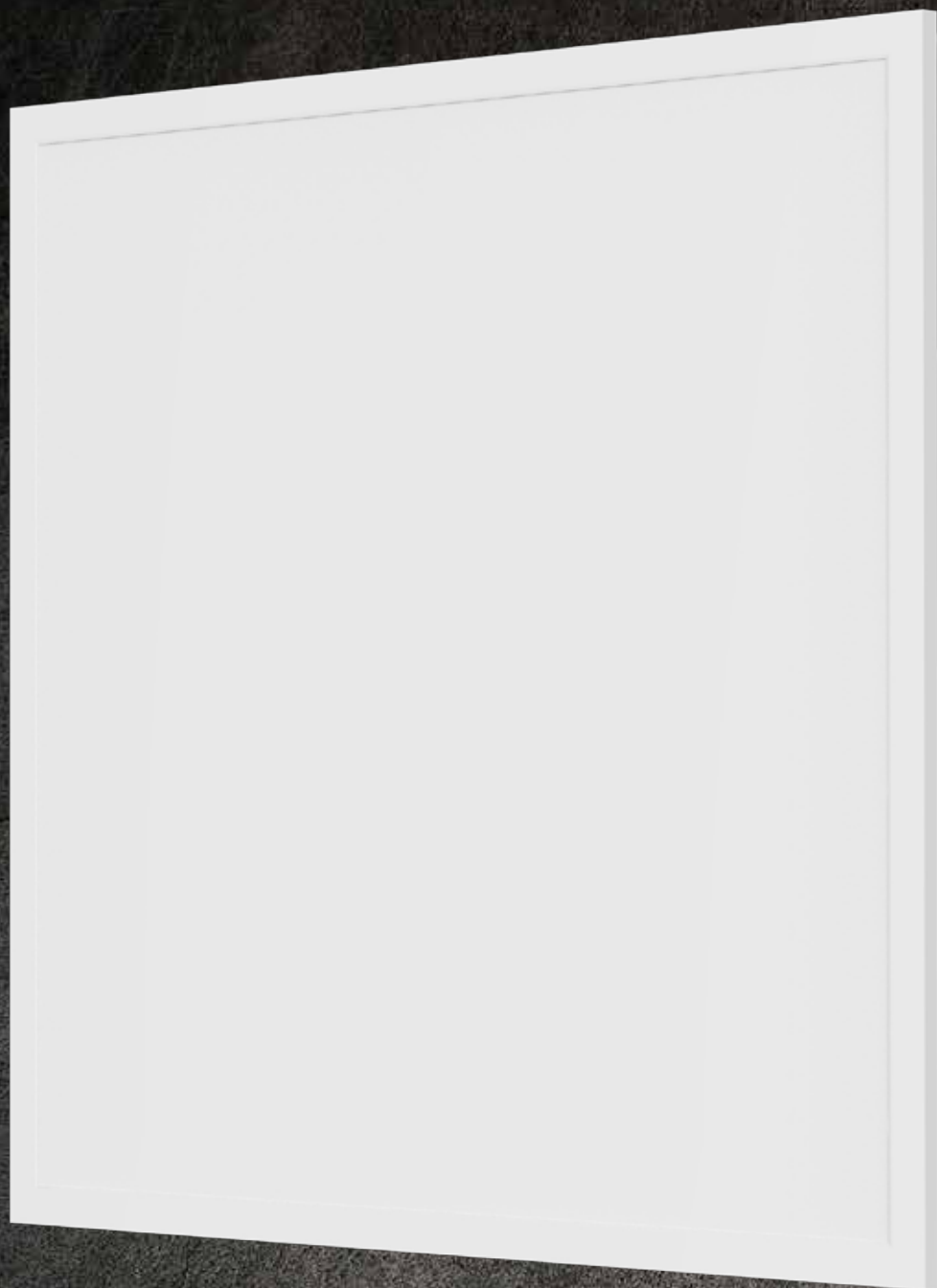
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**HUGO**  
LIGHTING



# IN A JAM



**T**his tip will improve your ball striking and also stop the dreaded 'over the top' downswing move that produces unwanted slices, pulls and overly chunky divots.

The great thing about this practice drill is that it you can work on it regularly at home – no golf club or golf ball is required.

- Take your posture inside a door jam/ frame with your imaginary golf club- as shown in pic 1.
- Ensure that the top of your forehead is just resting against the frame and that your hands hang to leave about 6 to 8 inches space to the inside of the frame.
- Make a slow smooth and deliberate backswing ensuring that your head stays in contact with the frame as it does at set-up. If you 'sway' on your backswing, you will struggle to do this. However, if you rotate your hips and shoulders correctly it will be easily achievable as in pic 2.
- A key reason that many players strike the golf ball inconsistently is due to them 'swaying' off the golf ball during the

backswing instead of 'staying-centered' over the ball.

- Initiate your downswing move with a slight compression of your bodyweight into the left foot at the same time as rotating your left hip anti-clockwise – this should bring your arms down on the same plane/path as that of the backswing and will deliver the hands to reach the doorframe in the same position that they were at set-up. See pic 3 = correct position leading into impact.
- Pic 4 is INCORRECT – it shows what happens with an 'over the top move' when the upper body arms/hands/ shoulders have initiated the downswing 'over the top' – in pic 4 you will see that hips have remained static and haven't rotated - my hands have stayed high and have moved outside of the doorframe slamming my left wrist into the woodwork (I firmly suggest performing this drill slowly until it feels natural –bashing the doorframe is painful!)
- Make backswings and downswings repeatedly for 2 minutes twice a day. Ensure that you don't sway on the backswing and be sure to stop when your hands are level with the frame on the downswing. Your head position will move once your hands have delivered the imaginary club onto the ball so DON'T try to complete the downswing keeping your head in contact with the frame. ❌





# HOT DEALS

## TRADE PACK 4X CAVIUS WIRELESS SMOKE ALARMS

10040 CAV10WFTP



- Flush or surface mounted
- **Multi-Pack; four per pack**
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- Wireless/RF interconnection
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## BEST BUY ON THE PIERLUX ECO Highbay GEN6

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- 5000K
- 117W / 192000LM
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- IP65, IK08
- Operating temp: -20°C to +50°C
- Low copper (<0.1%) aluminium housing
- Complete with 1.7m Flex & Plug

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## GREAT DEAL ON 150MM SILENT FAN IN WHITE

SILENT-150HT-W



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- Internal thermal motor cut out protection
- c/w run on timer and humidistat
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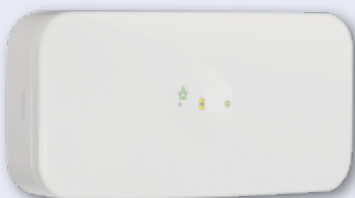
**FANTECHTRADE ///**

**MADE FOR TRADE**

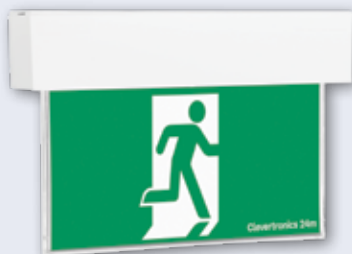
# 6 OF THE BEST DEALS YOUR MONEY CAN BUY

## MUST HAVE TRADE SERIES EMERGENCY LIGHTING

ELIFE-X-LI-SM



EUBPRO-SM-LI



- AS/NZS 2293.3 compliant
- Lithium Iron Phosphate battery
- Surface mount

### ELIFE-X-LI-SM

- D40 emergency classification
- Low power consumption

### EUBPRO-SM-LI

- Low 1.4W to 1.8W standby power consumption
- Wall and ceiling mount
- All directional decals in one box



## GREAT PRICE ON THE FAST DRY HAND DRYER

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- Coarse particulate filter
- Heat element switch off for 40% energy saving in Summer months

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(5FT, 6000 LUMENS, 6500K)

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- Knock outs in each end for either continuous lighting applications or in/out wiring
- Central or end feed
- Large Push-In terminal block with two terminals for each input
- Improved design, high efficiency LED resulting in low consumption of only 46watts for a 5 foot batten

**PHILIPS**



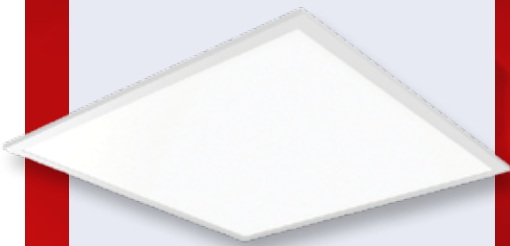
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/066 BC G2

GTF4101  
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- High transparency PS diffuser
- LED lifespan: 50000 Hours @ L70
- 3 year warranty
- IP44

**Glight**

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PDL501J/50



- Single Screw Insulated Connector Terminal
- 40A, 415V

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by Schneider Electric

## STOCK UP ON PDL544 TERMINAL JUNCTION BOXES

PDL544  
BOX OF 10



- Junction box with 4 single screw terminals
- 32A, 500V

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### PDL382-VW

- PDL Iconic Flush Switch
- 2 Gang
- 20A / 16AX

### PD682WH

- PDL 600 Series Flush Switch
- 2 Gang
- 20A / 16AX

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## FILL THE VAN WITH PDL SINGLE GANG SWITCHES

PDL381-VW  
BOX OF 10



PDL681WH  
BOX OF 10

- 1 Gang
- 20A / 16AX

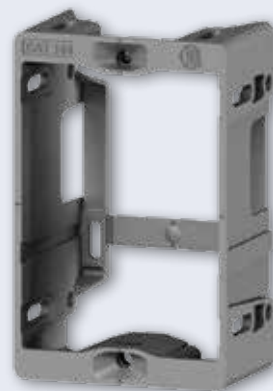
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- Flexible - Either end fixing with longer screw slots
- Practical - Designed to support back to back installations

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# A SMASHING GOOD TIME



**S**mash burgers (smashies) are simply put, 100% ground beef mince (This mix is important - 80% lean, 20% fat) smashed thinly with a weighted burger press on to a searing hotplate, seasoned, flipped, topped with American cheddar cheese, served on a lightly toasted burger bun with American mustard, tomato sauce, burger sauce, pickles and thin slices of red onion. A quick, delicious crowd pleaser!

## LET'S GET SMASHING....

Time: 30mins

### EQUIPMENT:

Scales  
Burger press  
Metal spatula  
BBQ hot plate

### INGREDIENTS:

Course ground burger mince  
(80% lean, 20% fat)  
Salt, pepper, garlic (SPG) rub

American cheddar cheese slices

Burger Buns

Bread & Butter Pickles

Red onion

American mustard

Tomato sauce

Burger sauce

### METHOD:

1. Create 100g balls from the mince
2. Heat the hot plate to 290c (550f)
3. Place mince balls directly on to the hotplate and with your burger press apply plenty of downward pressure to "smash" the balls in to a thin-as-possible pattie, twist the burger press a 1/4 turn and slide the press off the pattie.
4. Season raw side of the pattie with SPG.
5. After just a few minutes, when the edges of the patties begin to lift, flip and add cheese slices.
6. Another minute or so and it should be done! simple as that.
7. Add the patties (singles, doubles or more) to the base of the burger bun and build your burger to suit.

Purist smash-burger aficionados subscribe to the less-is-more theory and use only the ingredients listed above, but there are no rules - add an egg & bacon for a breakfast treat or perhaps add shredded iceberg lettuce for a "big mac" clone.

The reason that smashies taste so good given their simplicity is due to the right amount of heat and the downward pressure that is applied when creating the pattie. This action kick-starts a process known as The Maillard Reaction. The science behind The Maillard Reaction states that the natural sugars and amino acids found in the beef undergo a chemical transformation that gives the smashed pattie it's distinctive golden brown crust and also instantly caramelises the sugars. So they not only look appealing but hits the tastebuds in an agreeable way. The Maillard Reaction is found to occur in many foods that we enjoy, such as a perfectly seared steak, baked breads, biscuits and toasted marshmallow as just a few examples. ☑

**Any questions feel free to reach out via email: [info@thebbqhut.co.nz](mailto:info@thebbqhut.co.nz)**





# GET AN INSTANT BONUS BATTERY

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**BONUS  
4.0Ah**

40Vmax XGT Battery



**DK0157G601**  
40Vmax XGT Brushless 6-Piece Combo Kit  
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BL4040 x2, DC40RA, Makita Tool Bag

BL4040

**LXT**



**BONUS  
5.0Ah**

18V Lithium-Ion Battery



**DLX8040TX1**  
18V LXT Brushless 8-Piece Combo Kit  
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DHS660Z, DTM51Z, BL1850B x3, DC18RD, Makita Tool Bag

BL1850B

**LXT**



**BONUS  
5.0Ah**

18V Lithium-Ion Battery



**DWD181ZJ**  
18V LXT Surface Scanner  
Skin tool with Carry Case

BL1850B

**LXT**



**BONUS  
5.0Ah**

18V Lithium-Ion Battery



**DVP181ZK**  
18V LXT Vacuum Pump  
Skin tool with Carry Case

BL1850B



Top Quality, Fast Delivery

## POTENTIOMETERS 22mm IP66/IP67/IP69k



### HEAVY DUTY

- **KN100**, 1.0k
- **KN102**, 2.2k
- **KN104**, 4.7k
- **KN106**, 10k

### STANDARD

- **KN64**, 1.0k
- **KN67**, 4.7k
- **KN65**, 10k



### FEATURES

- 1.0k, 2.2k, 4.7k, 10k ohm
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- Legend included
- P Series has Integrated terminals
- Heavy duty has solder terminals
- Smooth action
- Stable handle location



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**SmartBright** Lumen &  
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**SmartBright** Dual Select  
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## WiZ



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String Lights

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Gain access to exclusive Wiser training and onboarding support from PDL smart home experts.

The training modules have been developed to cover our range of Wiser products, installation and commissioning, troubleshooting and more.

Simply log into the electrician partner portal, complete your profile and start your Wiser online training today.

## Marketing Tools

Upon completion of the training, get your Approved Installer Badge and Digital Promotion Kit, including marketing content you can use to promote your smart home services and create ongoing business with new and existing customers.

## More exposure for your business

Get listed as a Wiser Approved Installer on our PDL Partner Locator, which will be a key touchpoint for Wiser homeowner promotions and campaigns. ■

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Smart and Sustainable Homes

# DEWALT®

**GUARANTEED TOUGH.®**

# XR®

## 18V XR

**DEWALT**  
18V XR  
BL Compact  
Drill Kit



### Kit Includes

- 1x 18V XR Cordless Brushless Impact Driver (DCF787N-XJ)
- 1x 18V XR Cordless Brushless Hammer Drill (DCD778N-XE)
- 1x 18V 2.0Ah Li-Ion Battery (DCB183-XE)
- 1x IP54 Shallow Tool Box (DWST83345-1)

DCK2060D2T-XE

## 18V XR

**DEWALT**  
18V Impact  
Driver 2x2Ah  
TSTAK



### Kit Includes

- 1x 18V XR Cordless Impact Driver Skin (DCF840)
- 1x Battery 2.0Ah (DCB183-XE)
- 1x 12/18V Multi-Voltage Charger (DCB1104-XE)
- 1x IP54 Shallow Tool Box (DWST83345-1)

DCF840D2T-XE

## 18V XR

**DEWALT**  
18V XR Li-Ion Brushless  
3 Speed Oscillating  
Multi-Tool -  
Bare Unit



DCS356N-XJ

## 18V XR

**DEWALT**  
18V XR Li-Ion Compact  
Jobsite Blower - Bare Unit



DCV100-XE

## 18V XR

**DEWALT**  
18V XR Electrician Stapler  
2.0AH Kit



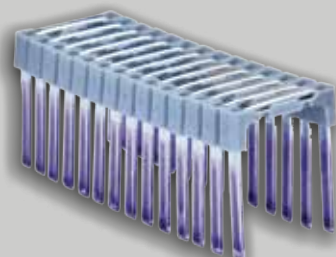
### Kit Includes

- 1x 18V XR Electrician Stapler (DCN701N-XJ)
- 2x 18V 2.0Ah Li-Ion Battery (DCB183-XE)
- 1x TSTAK Trolley (DWST1-71196)
- 1x 10.8V/18V XR Li-Ion (DCB115-XE)

DCN701D2-XE

## 18V XR

**DEWALT**  
17 x 25mm Electrician  
Staple 540 Box Qty



DRS18100-XJ

**DEWALT**



**EXPERIENCE  
POWER™**

**18V XR**

**DEWALT**

18V XR Li-Ion 5pc Combination Kit 5.0Ah

**Kit Includes**

- 1x 18V XR Compact Premium Hammer Drill Driver (DCD805)
- 1x 18V XR Brushless 3 Speed Impact Driver (DCF850)
- 1x 18V XR Li-Ion Brushless 125mm Grinder (DCG406)
- 1x 18V XR Li-Ion Brushless 184mm Circular Saw (DCS570)
- 1x 18V XR Cordless Brushless Reciprocating Saw (DCS382)
- 2x 18V 5Ah XR Li-Ion Battery Pack (DCB184)
- 1x Multi-Voltage Charger (DCB1104)
- 1x Soft Storage

DCZ550P2-XE

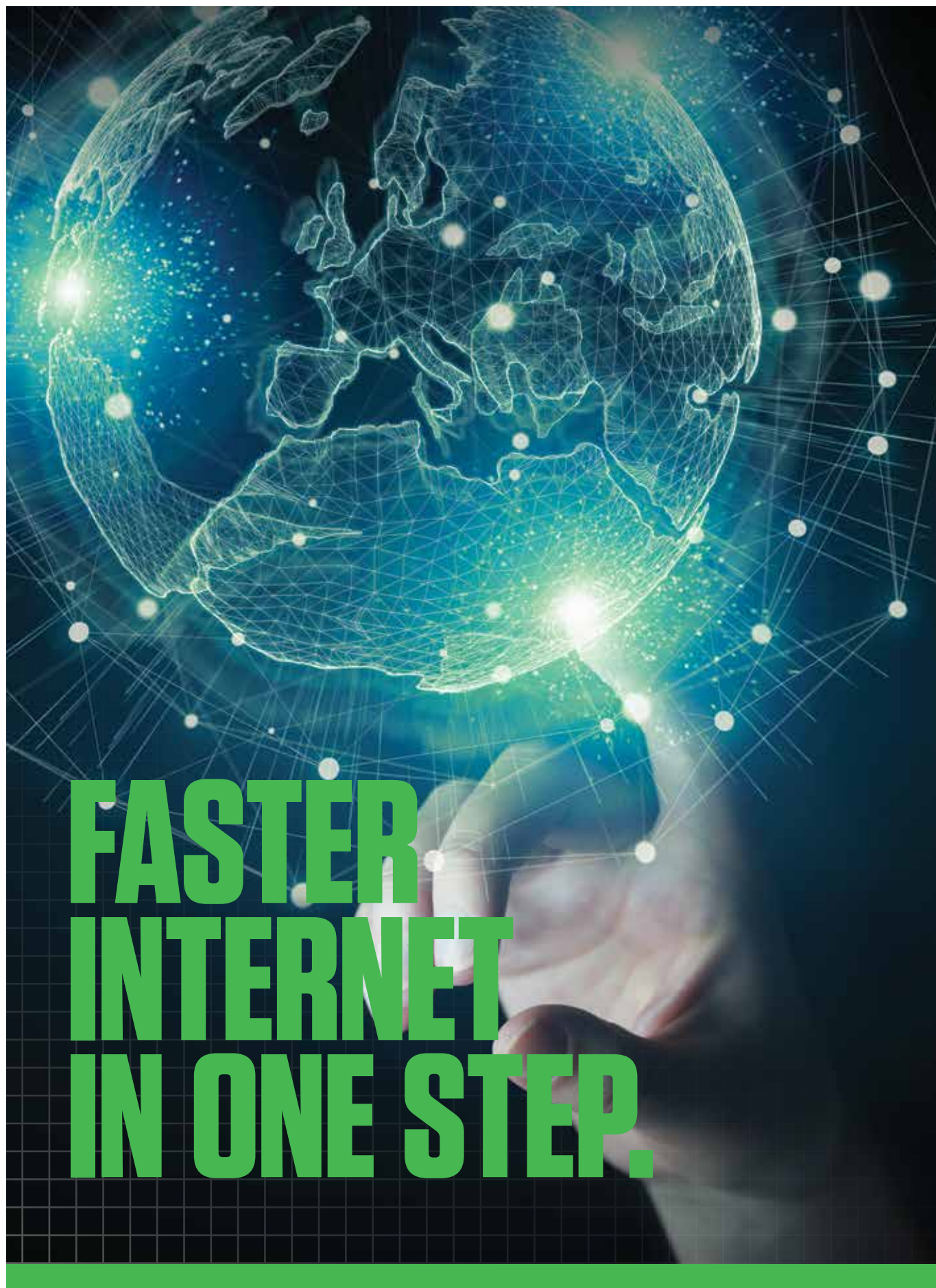


**HAMER**

**THE DEWALT XR RANGE**

XR 18V power tools are designed and engineered to meet the specific needs of the most demanding construction professionals and the toughest jobsites.







## Double the speed & improve the reliability

Electricians can make a single, straightforward change that can increase internet speed and reliability for their residential customers, without any extra labour, delivering your customers a real-world advantage.

### Reliable Internet

A reliable and quality internet connection has become paramount for many homeowners' lives and work. Many customers are paying for high-speed internet yet are not able to maximise their return on investment due to the quality of the cabling being installed. The electrical plans also do not allow for easy and practical access to cabled internet, meaning having to rely on Wi-Fi speeds and its connection limitations.

With the pressures of modern Kiwi living, there are often large loads and demands put on home Wi-Fi networks due to content streaming, gaming, busy home offices with regular video calls. This pressure can then lead to issues with internet speed, reliability, and security for many New Zealand homes.

### Make a big difference

Selecting a quality cabling solution to install can solve these problems, make the home more suitable to your clients' needs, and help them to get the maximum speed

possible from their connection. In addition to this, planning practical locations for wired connections and understanding your customers' internet requirements for work and play is critical.

Recommending Actassi from Schneider Electric to your customers is an easy change that can provide homes with a high speed, secure and dependable internet connection. Actassi's greater speed and reliability is the real advantage. It can deliver up to 10 x the speed of a Wi-Fi connection, making it particularly effective for high demand households and home offices.

### Availability across New Zealand

Actassi is available throughout Powerbase branches in New Zealand including:

**ACT4P6UCM3RBBU**  
CAT.6 4PR UTP CABLE

**VDIB17386UTN**  
RJ45 JACK CAT6 Iconic

**40RJ45SMA6C-BK**  
RJ45 JACK CAT6 BLACK Iconic

**VDIB17366UWE**  
RJ45 JACK CAT6 KEYSTONE WHITE  
+(619MKC adaptor for 600 series)


**VDIB17366UBK**  
RJ45 JACK CAT6 KEYSTONE BLACK  
+(619MKC adaptor for 600 series)

**VDIB2736**  
Quick termination tool for Iconic and Keystone JACKS

The VDIB2736 Quick termination tool provides a fast efficient termination with minimal impact and minimal chance of damage, when used correctly it will increase data transmission by 3dB.

### Take your business to the next level

Recommendations that can make a big impact to your customer's day to day lives don't have to be time consuming or labour intensive. Simply changing the quality of the network cabling you install, and carefully designing the locations of the connections in a home can make end result.

With the increasing reliance on the internet for work and play, Actassi's cabled network solution is an ideal recommendation to a new build or renovation that will help your business stand out from the rest. 

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## CALLING ALL APPRENTICES!

Welcome to the Apprentice Corner, a section for you in every issue of your Marketplace Magazine.

Apprentice Corner provides an opportunity for training providers to update our apprentices' potential employers with opportunities for future apprentice employment.

# POWERING UP YOUR WORKFORCE

**etco**  
The electrical training experts



Founded in 1991, the Etco Group Training Scheme was created to tackle the employment challenges faced by electrical businesses. Back then, employers struggled to commit to employing apprentices throughout their apprenticeships, while industries feared future skill shortages. Fast forward to today, Etco has successfully trained numerous skilled electrical workers, earning its reputation as a leading provider of apprenticeships and training in New Zealand.

"It is a great business model. All the tech is sorted, all the holiday pay - all you have to do is pay the weekly invoice. Etco looks after the rest and there is always someone there you can call for support if you need it." – Team Cabling

### The Etco Model

#### Lower risk apprentice placements

"I like the model and the fact that if an apprentice isn't the right fit for your business, then Etco will find them a different placement," -Northern Electrical Systems

Hosting an Etco apprentice is a cost-effective and low-risk way to train and develop your workforce. Because we are the employer, we handle all the employment responsibilities. If the relationship with an apprentice isn't working, or if jobs run dry, we can sort out a new secondment.

#### Dedicated support and training

"Having the Apprentice Mentor is an

advantage. It means I'm keeping an eye on the apprentice and so is their trade supervisor, while the apprentice mentor is overseeing their off-job training." – Hoskins Energy Systems

We offer personalised support, continuity of care, a holistic approach, and strong industry connections, which all contribute to the well-being and success of you and your apprentices. Mentors ensure books are up-to-date and ultimately that the apprenticeship is completed on time.

#### Get the right fit

"The quality of the apprentice is very good. They do a lot of pre-selection and they will also take recommendations from ourselves if we have people who we want to be electricians." – Stewart & Rogers Electrical

Maintaining your business's reputation and upholding standards within the industry and for your clients is crucial. Our rigorous application process ensures that candidates meet our high standards of excellence. After an initial assessment, candidates must pass a technical test to evaluate their skills and aptitude for the trade.

#### Only pay for apprentice hours

"We really like the arrangement because it removes the employment burden from us and that means we can get on with our business. They take care of all the paperwork, the mentoring and tutoring is excellent and, the truth is that it saves us money over the course of their apprenticeship." – Plunket Electrical

Etco takes care of the costs associated

with annual leave, overtime, training fees, statutory holidays, sick leave, block course attendance, ACC levies, and Kiwisaver. This relieves the financial burden on your business, allowing you to allocate resources toward your core operations and growth. By entrusting us with administration, licensing, and training fees, you can enjoy a streamlined process without the stress of HR paperwork, ensuring compliance and efficiency.

"The support Etco provides all its apprentices is phenomenal. They are there with you throughout your apprenticeship journey. The benefits like free health insurance are great and so are their tutors and support staff." Etco Apprentice

Visit [www.etco.co.nz](http://www.etco.co.nz) for all electrical apprentice training and hosting options. ■



APPRENTICE CORNER

# ATT SUPPORTING WOMEN IN TRADES

At Apprenticeship Training Trust (ATT), we understand the importance of a diverse workforce, and this includes recognising the benefit of women working on the jobsite. Why? Because according to research from the United States, women bring unique qualities to the trades that support positive outcomes. In 2022, the National Center for Construction, Education and Research (NCCER) conducted a survey that backs these claims.

According to the survey these three key points were common positive threads:

**Improved productivity:** Through their attention to detail and their ability to follow established processes, women improve productivity. Their organisation skills come to the fore when it comes to taking care of materials and equipment and ensuring that cleanup after work is done. They also prioritise safety and are role model workers because they want to work safely.

**Increased team performance and satisfaction:** Women tend to show compassion to their co-workers, are engaging and lift morale. They are more likely to offer support and help bring teams together cohesively and concentrate on functioning at a high level as a team, rather than on individual achievement.


**Leadership:** The results of this research also showed that women are more likely to move into leadership positions because of their ability to encourage collaboration, prioritisation of safety, adherence to policy, and the pride they have in their work. A 2023 follow-up survey by Ambition Theory, supports this, claiming women want to be leaders and rank career advancement as important to them.

As active members of NAWIC (National Association of Women in Construction) ATT endorses the work being undertaken to encourage women to become tradespeople, by educating and breaking

down some of the barriers that deter them from entering this field of work.

One of our apprentices who is making great inroads to her electrical apprenticeship is Alice Rabbitts of Kinetic Electrical East Tamaki, a third year ATT electrical apprentice, who made the finalist list for the NAWIC Excellence Awards 2023. In the Apprentice Excellence category, Alice is one of seven apprentices from across Aotearoa New Zealand celebrated at a gala event in Christchurch in July.

Women make up around 50% of the New Zealand population, and yet less than 3% of construction tradespeople are women. At ATT, of our 340 apprentices, twenty-two are women – that's around 6.5 percent – higher than the national average. While this is good, we know it can be better and we are consistently seeking out new ways to encourage women to consider an apprenticeship in the trades.

If you would like to find out more about how you can host an ATT apprentice, contact us now. Phone 0800 187 878. 





# WINNING ATT ELECTRICAL APPRENTICES

At our recent Graduation and Awards events, several ATT women apprentices achieved honours for their efforts, not only for excellence within in their chosen trade, but also for being inspirational, showing leadership and for upholding health & safety within their companies.

The winner of the 2023 Powerbase Most Outstanding Female Electrical Apprentice (South), Phoebe Hartley-Flynn of A.C. Connections Ltd is described as excelling on and off the job. Her host says she is an asset to the company, fitting in seamlessly with the team and is the 'Go To' apprentice.



**Phoebe Hartley-Flynn with ATT Area Manager Neil Quartly**

In the North, the 2023 Powerbase Most Outstanding Female Electrical Apprentice award was presented to Nadia Lidderd from D & T Electrical Ltd. Her host comments, "In the time Nadia has been with us she has shown outstanding promise and receives excellent feedback from everyone she works alongside."



**Nadia Lidderd with Powerbase Group Commercial Manager, Kevin Lynn**

Sponsored by ToolWare, the Most Inspiring Apprentice award (North) was presented to Leah Elliott from ElectriServ Limited in Auckland because she is devoted to her trade and is always optimistic. A mother with three children who decided to undertake an Electrical apprenticeship in her thirties, her Area Manager says, he doesn't know how she does it.



**Leah Elliott with ATT Chief Executive, Nicola Dashper**

Our southern winner for Most Inspiring Apprentice, Summer Quinn from Otago Electrical Services Limited, is never afraid to take on new challenges or tackle tricky situations. According to her host, Summer's most inspiring trait is her 'can do' attitude and she does not let anything get in her way when she sets her mind to something.



**Summer Quinn with ATT Area Manager Bronwyn Rees**

Congratulations to all our ATT women apprentice winners who are working hard and achieving remarkable things for trades in New Zealand. [www.att.org.nz](http://www.att.org.nz)





## CIRCULAR INLET FASCIA



FV106-XTS

WEISS APOLLO MIXED FLOW 150MM INLINE  
DUCTED EXTRACTOR FAN

- Weiss Apollo High Performance Mixed Flow inline fan
- Includes 2m flex and plug
- Includes surface socket
- Includes 6m of 150mm dia. duct
- Suitable for a bathroom up to 4m x 5m



High output free air fan performance: 510m<sup>3</sup>/hr / 141.6l/sec

## LED CENTRE LIGHT



FV160LED-XTS

APOLLO MIXED FLOW 150MM INLINE DUCTED  
EXTRACTOR FAN - WITH LED LIGHT

- Weiss Apollo High Performance Mixed Flow inline fan
- Includes 2m flex and plug
- Includes surface socket
- Includes 6m of 150mm dia. duct
- Includes LED Lamp and Transformer
- Suitable for a bathroom up to 4m x 5m



High output free air fan performance: 510m<sup>3</sup>/hr / 141.6l/sec

## POWERFUL YET QUIET DUAL BLADE INLINE FAN

150MM ARES INLINE DUCTED EXTRACTOR FAN  
- SQUARE FASCIA

- Complete kit supplied
- Includes flex and plug
- Can be installed over shower cubicle
- Includes 6m of 150mm dia. duct
- Suitable for a bathroom up to 4m x 4m
- Complies to AS/NZS Standard



High output free air fan performance: 405m<sup>3</sup>/hr / 112.5l/sec

## EASY-FIT IN-CEILING HEADER FAN

FV161-EC

WEISS 150MM IN-CEILING HEADER FAN  
- OPEN FLOW GRILL

- Complete kit supplied
- High performance Electronically Controlled fan
- Suitable for a bathroom up to 4m x 4m
- Suits ceiling installation outside Zone 1
- Includes 3m of 150mm dia. duct



High output free air fan performance: 340m<sup>3</sup>/hr / 94.4l/sec

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# THE DEMOLITION DERBY IS SMASHING



It's fair to say that in general Motorsport is a world that thrives on speed, precision, and the pursuit of victory.

However, amidst the roar of high-performance engines and the pursuit of podium finishes, there exists a unique and exhilarating form of motorsport that simply embraces chaos and destruction - it's called the Demolition Derby.

Demolition Derby is a one-of-a-kind event that brings together fearless drivers and a sea of battered vehicles, captivating audiences with its adrenaline-fueled collisions and unpredictable outcomes - and as with many epic motorsport events, the origins of the demo derby are somewhat vague.

As various historical pictures will attest the sport's roots can be traced back to the American county fairs of the early 20th century, where it began life as a side attraction, however, it quickly gained popularity and subsequently became a 'thing'.

Most credit Don Basile with inventing and carrying out the very first demolition derby at Carrel Speedway in 1947, but this has also been challenged as the event was more of 'a race with secretly rigged cars that became disabled upon impact', opening the door for Larry Mendelsohn's Long Island event in the 50's to be credited too. Either way, the '60s saw the

derby begin to take a firm foothold across the States and it began spreading across other continents too with the likes of Australia enjoying the smashing spectacle. In fact it became so popular there that a 100 minute, 75-car event at Rowly Park Speedway, Adelaide in 1963 attracted over 20,000 spectators!

The 1970's were the golden years for the demo derby, with events being televised far and wide and hit TV shows such as 'Happy Days' making the less informed public more aware of the sport. Unfortunately, as quick as their rise was over that decade, the 80's saw their return to a more supportive role at both fairs and speedways, and since then, the media's love affair with the gladiatorial-style sport has been 'complicated', with regular signs of a resurgence mixed with several bouts of indifference.

New Zealand joined the 'Stockcar' party in 1954, with its first-ever race held at Aranui Speedway in Christchurch being influenced by the USA's Jalopy racing and Demolition Derbies of the time. Working in with the Stockcar/Speedway meets, the smash 'em up derbies emerged as local crowd-pleasers from the early 60's onwards, and NZ's very own Ellesmere

Motor Racing Club held New Zealand's first ever Caravan Demolition Derby, which featured on various television channels around the world.

While the Demolition Derby may appear to be a free-for-all automotive brawl, it follows a set of rules to ensure driver safety and fair competition. The exact regulations can vary depending on the event and location, but certain rules apply universally. Drivers must remove all glass, flammable materials, and loose objects from their vehicles before competing and roll bars and a full-harness seat belt (4-5 point), are mandatory to protect drivers from the intense impacts. (In NZ) Minimum age is 16, all competitors must hold either a Speedway NZ One-Day Derby Licence or a full SNZ licence and only have a maximum of 18 litres of petrol in the tank.

When it comes to the 'race' itself, the Demo Derby is the last race of the meet and the track surface is heavily watered to reduce vehicle speed. The intention is obviously to demolish the opponent's vehicles and those not competing in the spirit of this intention can be excluded - avoiding hits is frowned upon. Cars can only move forward on the track and in an anticlockwise direction, (strictly within the confines of the track) and competitors are disqualified if driving on the infield unless the track is completely blocked. A competitor that is immobilised for more than ONE minute is deemed out of the Derby - and the winner is the last car standing/running.

It may not look like it from the outside, but the Demolition Derby requires strategic thinking from its participants. Experienced drivers employ different techniques to maximise their chances of survival and triumph. Some opt for a defensive approach, avoiding collisions and conserving their vehicles' functionality until the competition thins out - Boo. While others adopt an aggressive style, targeting opponents with calculated precision - Yay. However, luck often plays a significant role.

Derby events are held at speedway parks across the country and although the names, teams and vehicles may vary, the thrills and carnage remain just as smashing as when they first began. These events are a must-see experience right now, as with the global move towards EVs, Derbies are alas, something that won't be around forever. ■



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**Surface Mount Exit**  
EUBPRO-SM-LI



**Boxlite**  
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EBLLED-CM-LI



**Boxlite**  
**Wall Mount Exit**  
EBLLED-WM-LI



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MORE  
BUT SO MUCH  
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ELIFE-X-LI-SM-WP



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**Bulkite Emergency Light**  
EBULK



**EPIC Indoor LED Batten**  
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EPIC-600-SEN / EPIC-600-SEN-EM  
EPIC-1200 / EPIC-1200-EM  
EPIC-1200-SEN / EPIC-1200-SEN-EM



**ARGO Weatherproof LED Batten**  
ARGO-600 / ARGO-600-EM  
ARGO-600-SEN / ARGO-600-SEN-EM  
ARGO-1200 / ARGO-1200-EM  
ARGO-1200-SEN / ARGO-1200-SEN-EM  
ARGO-1500 / ARGO-1500-EM  
ARGO-1500-SEN / ARGO-1500-SEN-EM

# DOUBLING DOWN ON IPA

New Zealand produces a profound number of beautiful IPAs, but if you keep hunting out bigger and better, the trail will inevitably lead into the realm of Double IPA.

Double IPA also called Imperial IPA is, at its most basic, just that. Twice the malt and twice the hops for the same glass of beer, resulting in a powerfully flavourful (and powerfully strong) drop. In practice it gets a bit more complicated, as ratios don't scale so linearly as beer is brewed stronger. In fact the quantity of hops usually ends up well in excess of double in many cases.

These vastly hop dependent beers are exceptionally vulnerable to age and poor storage conditions, so always check the best before (or even better, the brewing date) and avoid anything that's getting long in the tooth, and if a can or bottle isn't being stored under chill then stay away. With quality control taken care of, here are a few of my recommendations that are available year round.

## 8 WIRED: Hopwired 7.3%abv

Hopwired is a legendary IPA in its own right, showing just how far New Zealand hops could be pushed way back in 2009. Including it here is maybe more of an honourable mention as it only refers to itself as mere single. But at a full 7.3%abv, it's actually stronger than a few other self-stated double IPA's out there.

## GARAGE PROJECT: Pernicious Weed 8.0%abv

Another New Zealand hopped classic that unleashes the pungent gooseberry and passionfruit character of Nelson Sauvignon hops. Keep an eye out for a rare version that appears after the yuzu harvest (usually around June) that's between brewed with

the peel of this exotic citrus, giving it extra lift and an exceptional sharp kick.

## BEHEMOTH: Hops 8.0%abv

Behemoth understands IPA. Their number of one-off releases must be well over a hundred at this point. But they also understand the value of sticking to the basics. For this they have Hops, which very much does what it says on the can. What sets this one apart is the fact that it's sold in a six pack, which makes it the most affordable of its kind on the market.

## EPIC: Hop Zombie 8.5%abv

Epic have always been pioneers in the use of American hops, and it's those firm flavours of pine resin and grapefruit that drive this long running release. If I'm in the mood for strong IPA but I'm not feeling choosy, it's Hop Zombie's iconic red skull that I'll often

find myself reaching for. Also available in a four pack, albeit a pricey one.

## LIBERTY: Citra 9.0%abv

A striking showcase of the rockstar American hop that it's named after, Citra is a lemon and grapefruit driven belter of an IPA, and a true double at a whopping 9%abv. It's significant malt richness is balanced by a massively bitter bite, measured at 99 international bitterness units (or IBUs). Heineken, as a point of comparison, clocks in at 19 IBUs. ■







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| ESC Code | Description     |
|----------|-----------------|
| S1025M   | 10mm x 25m roll |
| S1225M   | 12mm x 25m roll |
| S1625M   | 16mm x 25m roll |
| S2025M   | 20mm x 25m roll |
| S2525M   | 25mm x 25m roll |
| S3225M   | 32mm x 25m roll |

## SUPERLUG INLINE SPLICE

Waterproof In-line Heat Shrink

| ESC Code   | Description          |
|------------|----------------------|
| HSILS25WPS | 1.5-2.5mm Blue 20pk  |
| HSILS25WPL | 1.5-2.5mm Blue 100pk |
| HSILS6WPS  | 4-6mm Yellow 20pk    |
| HSILS6WPL  | 4-6mm Yellow 50pk    |



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### LEDVANCE

Downlight LED Stepdiff 75mm 6W  
3-4-5K

OSRO398078



### LEDVANCE

Downlight LED Stepdiff 90mm 7.5W  
3-4-5K

OSRO398115



### LEDVANCE

Downlight LED Stepdiff 110mm 9W  
3-4-5K

OSRO398153



### LEDVANCE

Downlight LED Stepdiff 125mm 11W  
3-4-5K

OSRO398191



### LEDVANCE

Downlight LED Gimble 70mm 7W  
3000K

OSRO214873



### LEDVANCE

Downlight LED Gimble 90mm 10W  
3000K

OSRO214835

## ELMARK

PCV Trunking Open Slotted Grey

| ESC Code   | Description  |
|------------|--------------|
| ELTR2550GS | 25x50mm 1.7m |
| ELTR2575GS | 25x75mm 1.7m |
| ELTR5050GS | 50x50mm 1.7m |
| ELTR5075GS | 50x75mm 1.7m |

| ESC Code    | Description   |
|-------------|---------------|
| ELTR7550GS  | 75x50mm 1.7m  |
| ELTR7575GS  | 75x75mm 1.7m  |
| ELTR10050GS | 100x50mm 1.7m |
| ELTR10075GS | 100x75mm 1.7m |







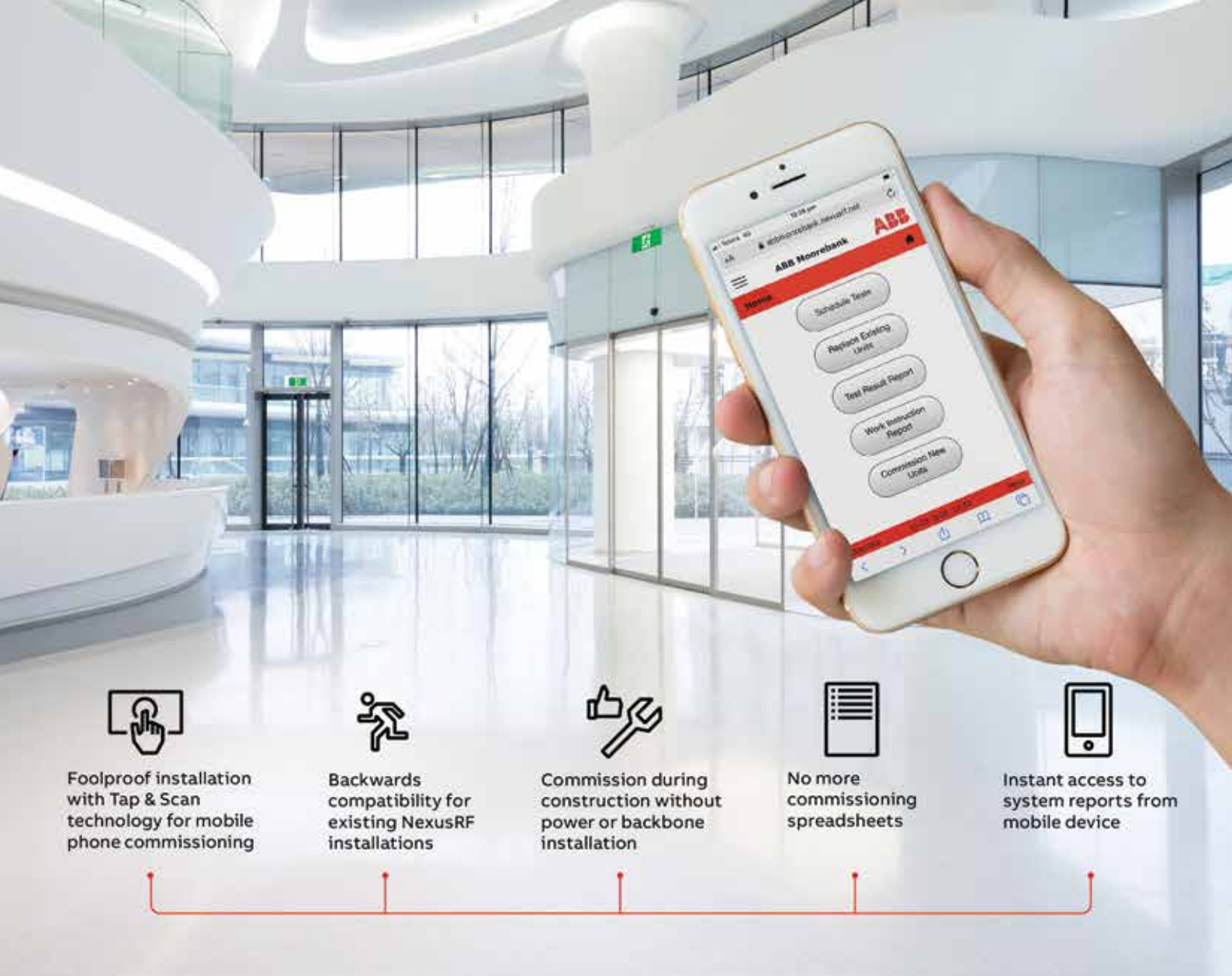
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## **Stanilite® Nexus®RF Infinity** the next quantum leap in monitored emergency and exit lighting

Stanilite NexusRF Infinity enables customers to set-up, maintain and control their entire emergency lighting installations digitally.

For building managers, the real-time overview allows you to manage your emergency lighting anywhere, anytime, saving time and improving maintenance and building safety.

For installers, NexusRF Infinity offers significant time and cost savings with features such as "tap & scan" technology for mobile phone commissioning and report distribution.

For more information contact your local Powerbase branch or visit [www.stanilite.co.nz](http://www.stanilite.co.nz)





## INTERNATIONAL LIGHTING TRENDS FOR ALL YOUR INDOOR AND OUTDOOR LIGHTING NEEDS



- Pendant Lights
- Wall Lights
- Bollard Lights
- Spike Lights
- Downlights
- Highbays



[www. clalighting.co.nz](http://www.clalighting.co.nz)

# Eaton EV Chargers

## Coming soon






**VYNCO** **VILLAGE**

# Move to the Village



Best Design Awards  
Finalist 2023

RESEARCHED & DESIGNED IN NZ  
BY VYNCO'S IN-HOUSE R&D TEAM.

Introducing Village, Vynco's newest switchgear range, where engineering excellence meets elegant design.

With its extra large, easy to identify switch and specially designed easy to use rocker, the Village range is perfect for people with reduced or impaired visual and motor skills, or when it suits a design brief.

Designed to match the Vynco Metro range's clean lines and elegant curves, Village also makes it easy to create a cohesive interior aesthetic without having to sacrifice functionality.



**VYNCO.CO.NZ**



# Harness the **POWER** of Fiber Optic Cables

And experience maximised efficiency and enhanced information handling.

**Benefits include:**

- **High-speed Data Transmission**
- **Fortified Data Security**
- **Unwavering Reliability**
- **Bend insensitive Fibre for tight fit applications**

And with higher bandwidth than copper conductor cables, fibre optic cables ensure a seamless connectivity solution for the full range of applications, spanning longhaul, metropolitan, access, FTTx, and premises applications.

# Prysmian Group

 **PRYSMIAN**

 **Draka**

 **General Cable**

Product specifications, contact Prysmian: [prysmiancable.co.nz](http://prysmiancable.co.nz)

# THE TRADIE BUSINESS CHECKLIST

To run a successful business, you need to keep an eye on multiple processes and carefully micromanage your money and resources. So, before you go jump into the deep-end of the tradie business scene, keep some of these points in mind.



## Apply for the required licenses

Technicians working in the field service industry need to operate a wide variety of machinery and tools, many of which require special licenses to own and operate. Besides that, even running a business of your own will require you to apply for various regulatory licenses. Ensure you know which licenses to apply for and maybe take the help of an experienced consultant who can guide you through all the complicated paperwork involved in applying for these licenses.

## Get ample insurance

Few businesses are exposed to the same level of risk than those in the field service industry. Construction workers, pest control teams and fire-safety experts are just a few examples of tradie jobs that entail a high level of risk and require extensive safety measures. Furthermore, such businesses invest a lot of capital in expensive equipment, which is subject to heavy wear and tear (and even failure). To ensure the unexpected loss of these assets does not bring your operations to a standstill, you'll need to get proper insurance in place. Get in touch with a brokerage that specializes in dealing with tradie businesses and find a plan that suits your business size and budget.

## Choose the right technology

Thanks to the widespread adaptation of smart software tools, every kind of business have special apps and services designed to make operations more efficient. For someone starting their own field service business, choosing the right job management and financial service apps is critical as these apps enable companies to save considerable time and money. For an employer, it also reduces the need for them to have full-time staff working on managing the workforce and financials.

## Maintain an active web presence

Having an established web presence is important for any business, not just field service ones. In the current landscape, building a proper functioning website gives you a significant edge over your competitors. It provides a platform to obtain business requests and for your customers to leave valuable feedback. Besides a website, ensuring a decent presence on social media platforms like Facebook and Twitter also helps your business connect with a wide network of online individuals.

## Adhere to the necessary compliances

Any field service veteran will tell you that keeping a careful check on adhering to compliances was one of the smartest

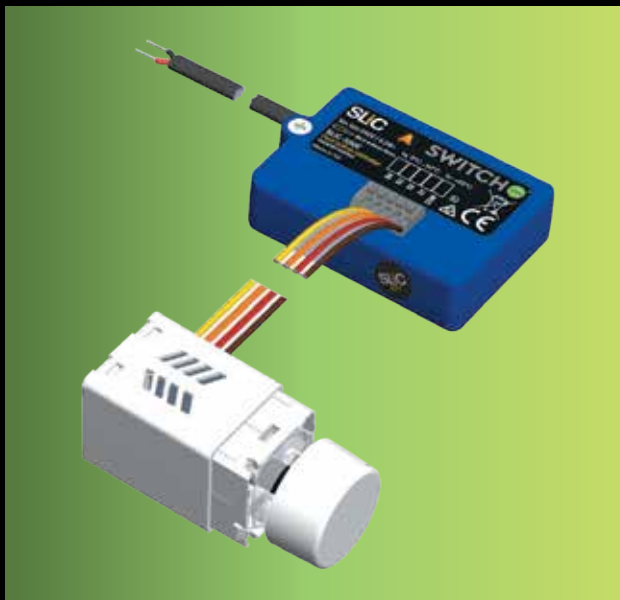
decisions they made when starting their own business. This is often an overlooked step as compliances can be cumbersome and require one to be vigilant of changes in policies, both at a state and national level. Consider hiring a consultant who can help you with knowledge of the various policies required in your industry.

## Maintain proper policy documentation

No business can run smoothly unless they have all their documentation written down on paper, and preferably drafted by someone who has the expertise in doing so. By having clearly written terms and conditions, your customers will have the assurance that they are dealing with a professional and not some mom-and-pop business that just wants to get the job done. To get this sorted, ensure you hire a lawyer who has experience working with and drafting documents for tradies.

These are just a few points that you need to keep in mind when starting your own tradie business. If you want to get more insights into the wide world of field service operations, you should also read about smart business software, finances, as well as tips and tricks on how to get payments on time. ■

To read more visit: <https://www.loc8.com/insights/the-tradie-business-checklist/>



The SLiC-610E is a Casambi-enabled Bluetooth rotary controller, comprising a rotary encoder in a switch plate module and a SLiC-550E Casambi network adapter.



Switch Lighting Intelligent Controls provide you with a seamless and intuitive way to harness the full potential of your lighting systems – all at your fingertips.



# Turn it on with Switch Lighting Intelligent Controls!

**Simplicity meets intelligence with Switch Lighting Intelligent Controls operating on a Casambi Blue Tooth mesh network.**

Gone are the days of complex lighting controls. Today, adjusting your lighting environment is as easy as pushing a button, turning a dial, or using a smartphone or tablet. With intuitive control devices and mobile apps, Switch Lighting Intelligent Controls give the homeowner convenient access to their lighting systems. Whether you want to switch between predefined scenes or make real-time adjustments, it's all easily within your reach.

- ✚ Functions as a rotary dimmer, colour tuning selector or scene selector, as well as an on/off push button;
- ✚ Perfect for new or retrofit installations – no additional wiring required;
- ✚ Simple to install and commission;
- ✚ Compatible with SLiC Luminaire Controllers and any Classic or Evolution Casambi-enabled product ([www.casambi.com](http://www.casambi.com));
- ✚ Powered directly from AC supply (< 0.2W) 100-240V~ (50/60Hz);
- ✚ Custom antenna design for superior range performance;
- ✚ Range up to 100m in outdoor settings in normal mode;
- ✚ Compatible with new Casambi Long Range modes for even greater range;
- ✚ Compatible with standard switch plates, including: Legrand, HPM, Vynco;
- ✚ Optional push button is compatible with most push button momentary switches or any dry-contact input.

Other products in this range include the SLiC Push Button Controller and the SLiC Luminaire Controller.

## SLiC



Scan the QR code  
to read more  
about this product.



[www.switch-lighting.co.nz](http://www.switch-lighting.co.nz)



**SWITCH** Lighting

enhancing environments through **lighting**



# QUALITY **ELECTRICAL** ACCESSORIES AT AN AFFORDABLE PRICE

## Single Base Plug Socket

- Heat Treated Plastic
- Moulded in Flame Resistant Polycarbonate
- Bright White

**TSPB1-D**

## Weatherproof Mini Isolator

- 1 Pole 240V / 20A
- Heavy Duty Plastic
- IP66 Rating
- UV Stabilised

**TSWPM120**

## Weatherproof Single Outet

- Rated IP53
- Heavy Duty Plastic
- Pre Connected Wires Looping for 2 Gang

**TSWP6P01**

## Weatherproof Double Outet

- Rated IP53
- Heavy Duty Plastic
- Pre Connected Wires Looping for 2 Gang

**TSWP6P02**

## Deep Mounting Block - 34mm

- Flame Retardant ABS Plastic
- Use Indoors & Covered Areas
- Bright White

**TSMB34**

## Enclosed Mounting Block

- Flame & Impact Resistant ABS Plastic
- Use Indoors & Covered Areas
- Bright White

**TSMBE**

## 4 Gang 10A Horizontal Power Point

- Flame Resistant Polycarbonate
- Bright White

**TSEGP04**

## Vertical & Horizontal Bracket

- No Nails Needed
- 20 Per Box
- Comes with Cable Grip

**TSMULSL**

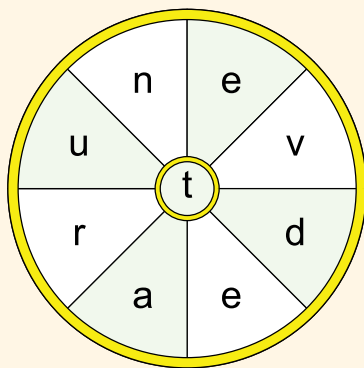
# SMOKO BREAK

## CHALLENGING SUDOKU

Fill in the missing boxes so that the numbers 1-9 appear in every row, column and 3x3 square.

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
|   |   | 1 | 4 |   |   |   | 9 |   |
| 9 |   |   |   |   |   | 4 | 5 | 3 |
|   | 3 |   | 9 |   |   | 1 |   |   |
| 4 |   |   |   |   | 5 | 9 |   | 2 |
|   | 5 |   |   | 7 |   |   |   | 1 |
|   |   |   | 2 | 9 |   | 6 |   |   |
|   |   |   |   |   | 2 | 5 | 1 |   |
|   |   |   |   | 6 | 1 |   | 3 |   |
|   |   | 2 |   |   |   | 8 | 6 |   |

## WORD WHEEL



Find as many words as possible using the letters in the wheel. Each word must use the centre letter and at least 2 others. Letters can only be used once. Use all 9 letters to form one word. Here is a little help to find the word: Exploring is an ...

// 15 words - Good

// 30 words - Excellent

// 50 words - Genius

FOR ANSWERS AND SOLUTIONS VISIT

[marketplacemagazine.co.nz/smokobreak](http://marketplacemagazine.co.nz/smokobreak)

# WIN A \$50 SUB CARD

## EPICFAIL

Send in your funny jobsite failure pics and you could win!



**Paddy Cullen (Paddy Cullen Electrical):**

"Need some insulation on the main switch."

**Electrical Experts Comment:**

I'm sure someone is wondering where they left their vice grips.

Take a quick pic, add a few words of text along with your name and text to **021 914 656** or email **epicfail@marketplacemagazine.co.nz**

Each issue will have a **\$50 Subway card** to give away for the best pic!! Master Electricians will choose the winner.

For T&C's please refer to our website [marketplace.co.nz/terms-conditions](http://marketplace.co.nz/terms-conditions)

# SPRING FUNFACTS

## SPRING FEVER IS A REAL SYNDROME.

When the temperature rises during the warm spell after a long winter, there is a dilation of the blood vessels so blood can be carried to the body surface where heat can be lost quickly. People experience an energetic feeling when this happens.

## SPRING WASN'T ALWAYS CALLED SPRING.

In English, spring was originally called 'Lent' which comes from the Old English word 'lengten' in reference to the lengthening of the days. In the 14th Century it changed to 'springing time' alluding to all the plants and flowers springing from the ground. It was then shortened to 'spring-time' and finally by the 16th Century it became 'spring' as we know it today.

## CHILDREN GROW MORE DURING SPRING.

Kids, like plants, grow faster in the spring than any other time of the year. Maybe it's the fresh air and sunlight that causes this growth spurt.

# Cheers!

**Powerpoints are our way of saying thank you for your support.**

Powerpoints can be redeemed for whatever you want. Talk with your local Powerbase member for further information, conditions apply.

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## SUPPLIER PRICE NOTIFICATIONS

| SUPPLIER             | MOVEMENT | EFFECTIVE DATE |
|----------------------|----------|----------------|
| Homershams           | +6.6%    | July           |
| Argon Distributors   | +1.3%    | July           |
| Gyro Plastics        | TBA      | August         |
| Fantech              | +1.4%    | September      |
| Sutton Tools         | +5.1%    | September      |
| Transnet             | +7.4%    | September      |
| Switch Lighting Zela | +5.0%    | September      |
| McCabe               | TBA      | October        |





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**Powerbase is proudly 100% locally owned  
and operated, we're in this with you.**

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