

Marketplace

YOUR ELECTRICAL ASSET | NOVEMBER - DECEMBER 2023

POWERBASE 



Gift Guide

MEN'S & WOMEN'S GIFT IDEAS
for the hard to buy for.

OUR GREAT KIWI CHRISTMAS GIVEAWAY!

SHOP & WIN! Purchase from our great range of suppliers
and be in to WIN amazing gifts.



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Whitebait

Life Is On

Schneider
Electric



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Portable Bbq

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by aliaxis

Knife Set



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MANROSE

SmartVent

Simx Lighting

West Coast Whitebait



Simply spend \$500 + GST on **Schneider Electric** products on one invoice & you could **WIN** a 500g pack of snap-frozen **West Coast Whitebait**. While stocks last.



The promotion runs from Wednesday 1 November to Friday 15 December 2023.
Entry to this promotion is open to customers of participating Powerbase Members.
Terms and conditions available at participating branches.

Life Is On

Schneider
Electric

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Time for a coffee break.



Smoked Salmon



Simply spend \$500 + GST on
Prysmian Cable products on
one invoice & **WIN a Whole
Fillet of Salmon**. While
Stocks last.



The promotion runs from Wednesday 1 November to Friday 15 December 2023.
Entry to this promotion is open to customers of participating Powerbase Members.
Terms and conditions available at participating branches.

Prysmian
Group



NRL PREMIERSHIP GRAND FINAL

NRL GRAND FINAL • SYDNEY • 1 OCTOBER 2023

On a hot Sydney night the Penrith Panthers pulled off one of the greatest grand final comebacks to ensure their place in NRL history and join a select group to win three straight premierships in a row.



POWERBASE

legrand

TRICAL
A brand of **legrand**

Highlands

HIGHLANDS MOTORSPORT PARK • CROMWELL • 22 SEPTEMBER 2023



POWERBASE

Nexans



Welcome to our 2023 Christmas edition of Marketplace, the promotional and business publication from the members of the Powerbase electrical wholesale group.

We have another packed issue for you, check out the Kiwi Christmas with our top nine suppliers to Powerbase, each with a prize pack offer that will add to your special Kiwi Christmas Day! See inside for further details.

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.

On behalf of Powerbase and its members we wish you a safe and happy holiday, while taking time to spend with friends and family.

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

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, 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





Festive Cookies

Simply spend \$250 + GST on Vynco products and you could **WIN** a Cylinder of Molly Woppy Festive Trees Cookies. While stocks last.



The promotion runs from Wednesday 1 November to Friday 15 December 2023.
Entry to this promotion is open to customers of participating Powerbase Members.
Terms and conditions available at participating branches.

VYNCO

STAY SHARP

Simply spend \$300 + GST on all Marley Products on one invoice & you could WIN a set of Marley Steak Knives and Pepper Mill. RRP \$69.95. While stocks last.



The promotion runs from Wednesday 1 November to Friday 15 December 2023. Entry to this promotion is open to customers of participating Powerbase Members. Terms and conditions available at participating branches.

 **MARLEY**
by aliaxis



Summer BBQ Besties

Simply spend \$250 + GST on Simx products on one invoice & you could **WIN** a Barker's BBQ Besties Box. While stocks last.



MANROSE

 **SmartVent**

 **Simx**
Lighting

The promotion runs from Wednesday 1 November to Friday 15 December 2023. Includes Ventair and Vent-Axia products. Entry to this promotion is open to customers of participating Powerbase Members. Terms and conditions available at participating branches.



Wine COOLER

Simply spend \$400 + GST
on **Firstflex** products on
one invoice & you could
WIN a HUSKI Wine Cooler.
While stocks last.



The promotion runs from Wednesday 1 November to Friday 15 December 2023. Entry to this promotion is open to customers of participating Powerbase Members. Limited to one HUSKI Wine Cooler per invoice. Terms and conditions available at participating branches.





400x BBQ Sets

Simply spend \$400 + GST
on one invoice on any Pierlite products
to win 1 of 400 30-Pcs BBQ Tool Sets RRP\$100



The promotion runs from Wednesday 1 November to Friday 15 December 2023.
Entry to this promotion is open to customers of participating Powerbase Members.
Terms and conditions available at participating branches.

300x Portable BBQs

Simply spend \$500 + GST on one invoice on any Philips products to win 1 of 300 Portable BBQs RRP\$199



Interchangeable
Grill Mesh Included



Carry Case Included



The promotion runs from Wednesday 1 November to Friday 15 December 2023.
Entry to this promotion is open to customers of participating Powerbase Members.
Terms and conditions available at participating branches.

PHILIPS

MEAT CLAWS

Simply spend \$250 + GST on
Legrand products on one invoice
& you could **WIN** Legrand Branded
Meat Claws. While stocks last.



The promotion runs from Wednesday 1 November to Friday 15 December 2023.
Entry to this promotion is open to customers of participating Powerbase
Members. Terms and conditions available at participating branches.

 **legrand**[®]

LIVING now

LIVING NOW _A DESIGN ICON

Sleek Design

With a clean, distinctive, minimalist design, the Living Now range offers style, sophistication and elegance to any installation.



Premium Materials

A wide range of luxurious colours, materials and finishes allows Living Now to quietly complement any space, or stand out as a feature piece.



Smart Functionality

Living Now is also available with Netatmo, featuring intelligent controls and capabilities to maximize convenience for users.



Christmas

GIFT IDEAS FROM STOCKING STUFFERS TO SHOWSTOPPERS



Smart Watch with FitnessTrackers

- IP67 Rated
- Bluetooth Calling
- 1.8" Hi-Res Display
- Up to 15 Days Battery Life
- Heart Rate/Step/Sleep Tracker
- Alarm & Built-in Games
- Voice Assist

XWATCH-B18.BLK (Black)
XWATCH-B18.GRT (Graphite)



19000mAh Jump Starter Power Bank

- 1500A/12V Peak Current
- Dual Port
- LED Flashlight
- Wireless Charger & Safety Hammer
- Smart Clamps for Short Circuit Protection
- LED Indicators

HEXABOLT-20



10000mAh Magnetic Wireless Charging Power Bank

- Qi 15W Charging
- USB-C Input
- USB-C (20W PD)
- USB-A Ports
- Portrait/Landscape Kick Stand
- Multi-Device Charging
- MagSafe Case Compatible

POWERMAG-10PROBK (Black)
POWERMAG-10PROBL (Blue)



In-Ear Bluetooth Earbuds with Charging Case

- Intellitouch
- 350mAh Charging Case
- Built-in Microphones
- Noise Isolation
- Up to 5 Hours Playback
- Smart Auto-Pairing

FREEPODS-2.BLK (Black)
FREEPODS-2.WHT (White)



Bluetooth Wireless Over-Ear Headphones

- Up to 10 Hours Playback
- 300mAh Battery
- Integrated Microphone
- FM 87.5~108MHz
- 3.5mm AUX Port
- Built-in On Ear Controller

TERRA.BLK (Black)
TERRA.BL (Blue)
TERRA.MRN (Maroon)



6W Wireless HD Bluetooth Portable Speaker

- Built-in 1200mAh Lithium Battery
- Up to 4 Hours Playback
- 3.5mm AUX Port
- USB or MicroSD Playback
- 10m Operating Distance

CAPSULE-2.BLK (Black)



Magnetic Universal Car Mount for Smartphones

- 360° Rotation
- Anti-Slip Suction Cup Designed for Both Windscreen & Dashboard
- Flexible Gooseneck Mount
- Metal Ring Included

MAGMOUNT-L



15W Smart Wireless Car Phone Charger

- Automatic AC Clamping
- Takes 4.7"~6.7" Devices
- 360° Rotation
- Flexible Gooseneck Mount
- Anti Slip Base
- Over-Heat Protection
- Case Friendly

POWERMOUNT-15W

FOOD AND DRINK

No matter how well tuned a Formula 1 car is, it won't perform if it's fuelled with diesel!

When it comes to golf, all too often the importance of nutrition is overlooked. Most amateur golfers focus solely on their swing technique and forget the importance of correctly fuelling their bodies. What you eat and drink before and during a round of golf will have a significant impact on your performance.

While golf doesn't require the same level of physical exertion as some other sports, it still demands specific nutritional considerations. Unlike high-intensity activities, golf is a slow-paced, endurance-based sport that spans many hours. Golfers need nutrients onboard that will sustain energy levels to prevent mental and physical fatigue over that time period.

BEFORE YOUR ROUND:

Hydration is critical

Proper hydration ensures that muscles function optimally and assists you in maintaining focus and concentration throughout the game. Drinking plenty of water before heading to the course is essential to stay hydrated. Water is the best choice fluid as it is calorie-free and easily absorbed by the body.

Avoid consuming excessive amounts of caffeine before

your game. While caffeine may provide a temporary energy boost, it can also increase urine production thus accelerating dehydration. Coca-Cola is high in caffeine and sugar – avoid fizzy drinks.

Fuel

Your pre-golf meal should strike a balance between providing long-lasting energy and being easy to digest. Aim to consume your meal 2-3 hours before teeing off, allowing enough time for digestion.

It should consist of a combination of carbohydrates, lean proteins, and healthy fats. Carbohydrates are essential for golfers. They are the primary source of energy for your muscles and brain and will provide a steady release of energy throughout your round.

Lean proteins are crucial for muscle repair and recovery whilst healthy fats such as avocados, nuts, and seeds support brain function.

The right balance of carbohydrates, protein, and fats will help maintain optimal energy levels throughout the game, allowing you to maintain your focus and avoid fatigue.

DURING YOUR ROUND:

Remember, optimal hydration is not just about drinking fluids before the game but also throughout the entire round. Carry a water bottle with you and take regular sips to stay hydrated.

Staying properly hydrated will prevent fatigue, muscle cramps, and loss of focus. Drinking electrolyte-rich beverages like Powerade can help to replenish fluids and maintain electrolyte balance.

To sustain energy levels, consume small, frequent meals or snacks during the round. Choose easily digestible foods like energy bars, fruits, and nuts to provide a continuous supply of energy throughout the game. Avoid heavy, greasy foods that can cause bloating or make you feel sluggish. ■



WIZ



LIGHTS THAT SET THE RIGHT AMBIENCE.



WIZ DOWNLIGHTS
Smart 6inch 12W, Slim recessed



WIZ PORTABLE
Mobile Portable



WIZ OUTDOOR
String lights

wizconnected.com

PHILIPS

SmartBright and

CoreLine Family

**REAL
PROs**
**REAL
QUALITY**

**REAL
PROs**
**REAL
QUALITY**

SAILGP™ / AUCKLAND

**WIN A
FRONT ROW
SEAT THIS
MARCH 2024
GET IN QUICK**

Purchase any Philips CoreLine or SmartBright products & experience exhilarating racing first hand.



SMARTBRIGHT
Floodlight Family



SMARTBRIGHT
Solar Powered
Floodlight Family



CORELINE
RC099 Panel



SMARTBRIGHT
Lumen & Colour Select
Highbay



SMARTBRIGHT
Lumen & Colour Select
Waterproof Batten

Promotion runs from 1st November 2023 to 31st December 2023. Travel dates to be confirmed closer to the time of event.
T&C's available at participating Powerbase branches.

INDUSTRY UPDATES

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



Ask for the Vynco Onboard 2023
Catalogue today.

GET ONBOARD WITH VYNCO

Vynco have developed and expanded a range of ready to use switchboards that will suit most mid-range commercial and retail applications. Our Onboard range of premade switchboards reduces the need for custom designing and quoting, reducing the wait time for your customers.

Our Onboard range is designed to be modular and made from robust steel in New Zealand - we can manufacture large volumes quickly.

Complete with 3-Phase and Din Rail MCB boards, Change-Over Switch panels and Solar Grid-Protection panel, plus a range of accessories, the Vynco Onboard range provides everything you need.

Features

- Made in NZ
- Ready to use
- Fast turnaround

VYNCO



RESPONSE RADIANCE

3 IN 1 BATHROOM HEATER, EXHAUST FAN & LIGHT

The Response Radiance with heater, exhaust fan and light sets a new benchmark for 3 in 1 bathroom units. Its modern and sleek design will seamlessly compliment any bathroom or ensuite style. It has been engineered to efficiently exhaust steam and odours, deliver instant heat, and provide effective lighting within the room. Its unique design, lightweight construction and full function wireless wall controller, make the Response Radiance easy to install into established or new homes.

Features

- Designed and engineered for fast and efficient installation.
- Modern contemporary design.
- Wireless wall controller activates all operating functions.
- Tungsten-Halogen heat lamps provide instant heating.
- LED lights can be set to cool, neutral or warm white to match other installed lights.
- Equipped with non-return backdraft damper.
- Made from ABS for a tough but light-weight design.
- Fitted with plug and lead.
- Grille can be easily removed for cleaning.



FANTECHTRADE ///
MADE FOR TRADE



POWERBASE NOTEBOOK

LEICA SOFORT 2

The Leica Sofort 2 is a new instant film camera. The Sofort 2 lets you pick and choose which of your shots you want to print. It has enough internal memory to store 45 of your shots, but there's a micro SD slot that allows you to add more storage.



IPHONE 15 AND 15 PLUS

Apple's more affordable line of new iPhones get a brighter screen with the Dynamic Island (which was previously only on the Pros). They've also been updated with an improved camera system and a USB-C charging port.



PLAYSTATION PORTAL

The PlayStation Portal is a handheld console that plays PS5 games. You'll still need to have a PS5 console to play it, granted. And since it streams games from your console over Wi-Fi, you can only play Portal when you have a reliable Wi-Fi connection.





PDL PRO SERIES

Raising the bar in commercial wiring devices

PDL Pro Series is the first range of hard-wearing switches and sockets designed to meet the needs of commercial buildings.

Clever features

After extensive market research and listening to customer feedback, we have designed a range of switches and sockets for commercial buildings to answer your needs. Pro Series offers circuit identification with large integrated windows. The skin is secured in place protecting your investment. Planning, commissioning and installing of the new Pro Series is quick and easy.

Attractive design

The range is aesthetically appealing with fresh, clean lines and beveled edges to deflect impacts. Available in white and

black, the switches and sockets will blend into any commercial environment. The clean and seamless design makes for an elegant and timeless appearance and avoids attracting dirt. Pro Series is simple, functional design that's made to go the distance.

Extensive functions

The new Pro Series includes a full range of products. Switches offer standard modules, electronic modules such as sensors, timers and C-Bus. Sockets are available in several variants, and in horizontal and vertical orientation. There is also a wide choice of USB options available.



Secure clip-on skin



Impact deflection



Seamless design



IK08 impact resistant



Extensive list of functions



pdl.co.nz

Life Is On



by Schneider Electric

ICONIC VS PRO SERIES

Key Features & Benefits



Features	Iconic	Pro Series
Market Focus	Residential	Commercial
Key Customer Segments	New Homes and Renovation, Apartments, MDU/HDU	Office Buildings, Shopping Centres, Retail stores, Schools, Logistics & Warehousing
Pre-mounted screws	✓	✓
Secure Skin		✓
Captive Terminal Screws	✓	✓
In line Terminal (Sockets)	✓	✓
Screw Covers	✓	✓
Sockets with Shutters	✓	✓
Matte Finish	✓	
Gloss Finish		✓
Translucent Edge	✓	
Locking Bar	✓	✓
300 Series mech compatible	✓	✓
Hybrid Screws (SQ, PH & Slot)	✓	✓
Wiser compatible	✓	✓
Upgrade Styl & Essence Skins	✓	
C-Bus compatible	✓	✓
IK08 (Socket Outlets)		✓
Circuit Identification Windows		✓
Traffolyte™ or Dymo™ label compatible		✓
Pictograms	✓	✓
Brochures	PDL Iconic Range Overview	Pro Series Brochure
Benefits	One platform with 10 cover options Wiser compatible Faster install Easy upgrade	Permanent reliable circuit ID Secure skin non-removal by hand Robust design Easy and fast to install



Design enchanting outdoor landscapes!

We are thrilled to introduce our latest lighting masterpieces – the Switch Lighting Garden Range!

Transform the outdoors into a mesmerising evening oasis with our Garden Range of products which are designed to add charm and allure to any outdoor space. The variety of stylish designs will suit any aesthetic – from contemporary to classic, we have a lighting solution that will enhance the garden's beauty and create a captivating ambiance.

The Switch Lighting garden range of products are engineered with precision and built to last. Made with high-quality materials, they are weather-resistant and designed to withstand the rugged New Zealand elements, ensuring longevity and durability.



Benefits of Switch Lighting's Garden Range:

- + **Create elegant ambiance:** whether it's a romantic evening or a family gathering, set the mood with the perfect lighting.
- + **Increased property value:** beautifully lit gardens add curb appeal and increase the property's value.
- + **Low maintenance:** our products require minimal maintenance, allowing the homeowner to enjoy their garden hassle-free all year round.
- + **Enhanced safety:** well-lit outdoor spaces deter intruders and reduce tripping hazards.

Get in touch to speak to our regional Lighting Consultants or visit one of our showrooms across the country to view the Switch Lighting Garden range of products.

Christchurch@switch-lighting.co.nz | 03 281 8216
Auckland@switch-lighting.co.nz | 09 972 0607
Nelson@switch-lighting.co.nz | 03 970 0755

Scan the QR code to read our latest article about creating enchantingly lit outdoor spaces.



www.switch-lighting.co.nz



SWITCH Lighting

enhancing environments through **lighting**



1. Tom Ford Rose Prick Eau de Parfum 2. Havanas Slim Mini Hearts 3. Stolen Girlfriends Love Claw Onyx Necklace 4. Drunk Elephant Night Serum 5. Pink Swatch Watch 6. Pandora Panda Charm 7. Mac Candy Yum Yum Matte lipstick 8. Frank Green Neon Reusable Bottle 9. 1919 Pink Gin 10. Tom Ford Pink Spectacles 11. Glasshouse Rendezvous Candle 12. Louis Vuitton Speedy Bandouliere handbag

INDOOR HOME METER & DISTRIBUTION BOARDS **EXTENDED RANGE**



EZYWIRE EZP151
17 WAY EZYWIRE DB
W 355mm x H 275mm x D 90mm



EZYWIRE EZP302
34 WAY EZYWIRE DB
W 355mm x H 425mm x D 90mm



EZYWIRE EZP453
51 WAY EZYWIRE DB
W 355mm x H 575mm x D 90mm



EZYWIRE EZP604
68 WAY EZYWIRE DB
W 355mm x H 725mm x D 90mm

KEY FEATURES:

- Powder coated steel construction
- IP2X
- Reversible door
- 90A rated
- MCB Blanks, Circuit Labels and Comb Busbar included
- Flush and surface mount kits available
- Magnetic latch



Available from your Powerbase branch
trical.co.nz

 **TRICAL**

A brand of  **legrand**



1



2

3



4



5



6



7



8



MEN'S Gifts

10



9



11



12



1. Ray-ban Warren - Green 2. Bellroy Hide & Seek LO - Ranger Green 3. Sony EXTRA BASS Portable Wireless Speaker - Green 4. Strange Nature Gin 700ml 5. RUMI Army Green Belt 6. Penny Nickel Plastic Skateboard - Sage 7. Amouage Epic Man Eau De Parfum 100ml 8. Moveactive 500ml Drink Bottle - Forest Green 9. Otaa Origami T-Rex Cufflinks 10. Swatch Camoflower Watch - Green 11. Converse Chuck Taylor All Star Construct - Utility Green Khaki 12. Double Oak Mills Uptown Weekender - Khaki

COAST®



view the COAST catalogue here

The flashlight that fell 9 stories down an elevator shaft.
And still worked.



Inspection Torch
COAG15



Headlamp
COAHL5



Penlight
COAHP3R



Polysteel Torch
COAPS200

PROCELL®

BY THE DURACELL® COMPANY

PROCELL® INTENSE RANGE

PROCELL® Intense Power, as one range in the PROCELL® dual portfolio, is a new battery range specifically engineered to deliver precise pulse of energy while lasting longer in high-drain professional devices. High-drain devices typically have motors, pumps or mechanisms that drive moving components



C Battery
DURPC1400



Intense C Battery
DURPX1400



D Battery
DURPC1300



Intense D Battery
DURPX1300



9V Battery
DURPC1604



Intense 9V Battery
DURPX1604



AA Battery
DURPC1500



Intense AA Battery
DURPX1500



AAA Battery
DURPC2400



Intense AAA Battery
DURPX2400



Lithium Battery 123
DURPC123

Lithium Battery CR2
DURPCCR2



Lithium Coin Battery 2025 (5PK)
DURPC2025

Lithium Coin Battery 2032 (5PK)
DURPC2032

Lithium Coin Battery 1616 (5PK)
DURPC2016



view the PROCELL® catalogue here

HAMER

THE ULTIMATE EV CHARGING SOLUTION

for Residential
and Commercial
settings

Orbis EV chargers -- VIARIS UNI and VIARIS COMBI+, brought to you by New Zealand agents Eurotec Ltd, are some of the most comprehensive and efficient chargers for residential, commercial, and public use with cutting-edge technology and design. VIARIS EV chargers have been designed for quick and convenient installation and

are compatible with all Type 2 electric cars on the road. With a wide range of customisable options available on all units, VIARIS chargers can provide the solution to your EV charging needs.

The chargers integrated WiFi module (ethernet and 4G also available) and free VIARIS app allow you to remotely program and control the charger from your

smartphone. You can easily access records of recharges with date, start time, duration and energy consumed per user.

Why choose VIARIS EV Chargers?

- **Electrical Safety:** Protection against more than 6mA DC current leakage.
- **Load modulation:** Optimizes power transfer to an electric vehicle, adjusting it based on concurrent power demands to maximize charging speed within contracted limits.
- **Communication:** Wi-Fi as standard with Ethernet and 4G options available.
- **OCPP as standard:** Open Charge Point Protocol allows for communication between EV chargers and a central management system.
- **SPL Management System:** Prevents power outages in the entire building whilst protecting against over consumption on the main incoming power supply. Allows up to 248 VIARIS charging points.
- **RFID as standard:** RFID Card Reader for communal and public environments. ☒

Get in touch with your Powerbase Member today to find out more. www.eurotec.co.nz



The VIARIS COMBI+ stands out as the most versatile model among the VIARIS EV charger range. It is compatible with all Type 2 vehicles.

With its seamless installation process and user-friendly interface, it proves to be an ideal choice for various environments, including apartment complexes, corporate vehicle fleets, shopping malls, hotel parking lots, public parking areas, and many other settings.

COMBI+ gives you the flexibility to choose from a range of outlets/hoses with power options ranging from 2 times 7.4 kW to 2 times 22 kW. The options are 5m, 10m hoses and socket outlet.

Its SPL-ORBIT Intelligent Charge Modulation System can communicate with 248 Orbis EV Chargers or up to 496 electric vehicles.

The VIARIS EV chargers from Orbis are some of the most comprehensive and efficient chargers for public spaces and private use with cutting-edge technology and design.

They are purposefully designed for quick and convenient installation compatible with all EV vehicles. There are a wide range of customisable options on all units.

We at Eurotec, provide the practical solution to your EV charging needs.



VIARIS COMBI+

The ultimate dual EV Charging solution for
Residential, Commercial and Public
Environments

Features

- Multiple outlets
- 3-year warranty
- Automatic load modulation
- Charging mode 3
- SPL Load analyser – Charge up to 496 vehicles
- Built in DC protection
- WIFI, RFID and Ethernet as standard (4G optional)
- App for Android and iOS



www.eurotec.co.nz

EUROTEC People • Technology • Solutions
Member of CAREL group

member of CAREL group



HOT DEALS



SMART SENSE IP55 180° PIR SENSOR

LHT0119 BLACK
LHT01 20 WHITE



- Zero Cross Switching to Suppress In-rush Current
- Large 2kW Switching Capacity
- 5 sec – 15 min Time ON Adjustment
- Auto/Manual Modes



BEST BUY ON THE PIERLUX ECO Highbay GEN6

ECOHB120W850G6



- 5000K
- 117W / 19200LM
- 1-10V dimming
- IP65, IK08
- Operating temp: -20°C to +50°C
- Low copper (<0.1%) aluminium housing
- Complete with 1.7m Flex & Plug



GREAT DEAL ON 150MM WALL MOUNTED FAN

EDM-150C-12VPK



- Equipped with a reliable low-voltage motor, 12V
- The fan is equipped with a thermal actuator that provides smooth opening and closing of the automatic louvre
- Designed for continuous operation and requires no maintenance

FANTECHTRADE ///

MADE FOR TRADE

6 OF THE BEST DEALS YOUR MONEY CAN BUY

UNBEATABLE DEALS ON MOTION SENSORS

630/3



630R01WE



630/3

- IP44, 12m range
- 180 degree
- Surface mount

630R01WE

- Ideal for hallways, walk-in wardrobes & garages
- Flush mounting
- Adjustable 3 to 2000 lux
- IP20, 6m range
- 3-year warranty.

legrand®

MUST HAVE TRADE SERIES EMERGENCY LIGHTING

EFLLED-LI



EWFLLED



- AS/NZS 2293.3 compliant
- Low power consumption

SUPALITE

- LED lamps
- 350 lumen total output

SUPALITE WEATHERPROOF

- IP65
- LED adjustable lamps
- Up to 1200lm
- Lithium Iron Phosphate battery

Clevertronics

STOCK UP ON SMARTBRIGHT HIGHBAYS

BY240P



- High Efficiency, up to 140lm/W
- Both Lumen and Colour Select
- Long lifetime, 50,000hrs and 5yr warranty as standard
- Robust design, diecast housing
- Optional Motion Sensor & programmer.

PHILIPS

6 MORE OF THE BEST DEALS YOUR MONEY CAN BUY

LOW GLARE TRI-COLOUR LED WHITE DOWNLIGHT

GDL952 TC WH

GDL952 BK RING
BLACK FACE
COVER



- Metal body front cover, IP65
- Interchangeable face plate
- Trailing edge dimmable driver
- Tri-colour
- UGR19
- 50,000hrs @ L70
- 5 year warranty

Glight

GREAT BUY 150MM IN-CEILING DUCTED EXHAUST FAN

FV161-EC



- Complete kit supplied
- Attractive open flow design
- Includes louvred outlet
- Powerful fan performance due to Electronically controlled motor and blade pitch design
- 3m 150mm flexible ducting included
- Complies to NZ Safety Standards
- Suitable for a bathroom up to 4m x 4m
- Suits ceiling installation outside Zone 1

WEISSTM
VENTILATION • HEATING • EXTRACTION

BEST DEAL ON 5" LIGHTWEIGHT FLUSH CUTTER

A-D275-5



- Flush Cutter Pliers with improved knife design snips wire up to 16 AWG, producing a flat, flush cut
- Grips designed for greater tool control
- Ultra slim profile increases access in confined areas
- Great for cutting small wire, zip ties and other fine material

KLEIN TOOLS[®]
For Professionals... Since 1857[®]



SAVE ON WEATHERPROOF ENCLOSURES

PDLWE1GY
1 GANG



PDLWE2GY
2 GANG

- 1 & 2 Gang
- Grey weatherproof enclosures
- Surface mount
- 38mm deep



FILL THE VAN WITH PDL OUTDOOR SOCKETS

PDLWS0310LEGY
SINGLE



PDLWS03102LEGY
DOUBLE



- IP53, 10 A
- Switched socket
- Less Enclosure
- Light grey



NO NEED TO BE CAUGHT SHORT OF A SURFACE SWITCH

PDLWSW201LEGY



- IP56, 20A
- Surface switch
- 1 Gang less enclosure
- Light grey





Energizer
SOLAR

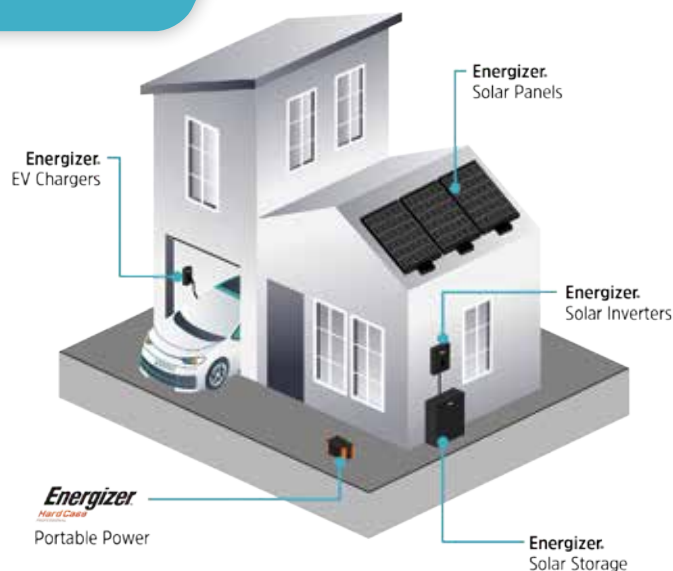
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Energizer® Solar provides safe and reliable energy solutions to power your **home** and **lifestyle**.

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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

LED CENTRE LIGHT



FV160LED-CP6

150MM CEILING EXTRACTOR SYSTEM WITH
LOW VOLTAGE LED LIGHT

- 12v AC transformer and LED light included
- Designed to wire to existing light switch
- Low wattage effective inline fan
- Includes surface socket and duct tape
- Suitable for a bathroom up to 4m x 5m



High output free air fan performance: 405m³/hr / 112.5l/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: 510m³/hr / 141.6l/sec

POWERFUL YET QUIET DUAL BLADE INLINE FAN

FH708LED

HEAT LAMP UNIT WITH LED CENTRE
LIGHT & INLINE EXTRACTOR FAN - WITH
DUCTING

- Pressed galvanised steel body for added safety
- Side outlet extraction for low clearance
- 2 x 275 watt heat lamps
- 1 x 5 watt LED light
- 3 way switch (heat/light/fan)



High output free air fan performance: 405m³/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: 340m³/hr / 94.4l/sec

BEYOND THE CLOUDS

The Pikes Peak International Hill Climb

When Lt. Zebulon Pike first saw Pikes Peak rising abruptly from the Colorado plains in 1806, he swore that the mountain would 'never be climbed by man.' evidently he was wrong as it wasn't just climbed, it was turned into a racetrack.

Nestled in the heart of the Rocky Mountains in Colorado, US of A, Pikes Peak stands as both an iconic symbol of natural beauty plus an annual feat of human endeavour. For it's not just the mountain's majestic presence that draws attention but the fact that it's also the backdrop of an exhilarating race to its summit.

The Pikes Peak International Hill Climb, often referred to as the 'Race to the Clouds,' is a historic motorsport event that has captured the imagination of racing enthusiasts since 1916. It's the second oldest auto race in the country, (after the Indianapolis 500) and every summer, competitors speed around 156 corners that begins at 9,390 feet and finishes at the 14,115-foot peak - a total distance of 12.4 miles.

The famous motorsport hill climb traces its roots back to the early 20th century, when in 1915 (having just finished converting the narrow carriage road into the Pikes Peak Highway) prominent Colorado Springs businessman Spencer Penrose, envisioned an event that would publicise his new road, draw visitors to his Broadmoor Hotel, and showcase the capabilities of automobiles - so he devised an automobile race to the summit of Pikes Peak.

The inaugural race took place on August 10-12, 1916, attracting a small group of daring drivers. Rea Lentz was crowned the winner in a time of 20:55.600, it was an upset victory as Lentz was driving a homemade car.

In these early years, the road was largely unpaved, presenting drivers with

treacherous conditions, however, despite the challenges, the race continued, gradually gaining popularity.

The race faced a hiatus during World War II, but then resumed with renewed vigour with the 1940s and 1950s seeing the ascent of skilled drivers and innovative vehicles. However, the absence of proper road maintenance continued to make the race a demanding test of both driver and machine.

The 1960s marked a significant turning point as the road was finally fully paved, thus transforming the nature of the competition, and then the advent of improved road surfaces in the 1970s led to a surge in interest from both competitors and spectators. The 1970s also witnessed the rise of turbocharging and advanced aerodynamics, enabling drivers to set increasingly impressive records.

The 1980s brought about the introduction of specialised vehicles built solely for the hill climb, setting the stage for an era of record-breaking runs, then NZ's very own Rhys Millen's stunning sub-11 minute run (10:04.060) in 1994, driving a purpose-built Toyota Supra, underscored the event's growing prestige.

The 21st century ushered in an era of cutting-edge technology and heightened safety measures, and the Pikes Peak Hill Climb continued to attract top-tier drivers and international attention. However, the event also faced new challenges, including the need to balance performance with environmental concerns. In response, the race shifted to emphasise the importance of sustainable practices and alternative fuel sources.



As the Hill Climb entered the 2020s, it found itself at a crossroads between tradition and innovation. Electric vehicles, with their rapid acceleration and environmental benefits, began to dominate the headlines. The race witnessed the dawn of a new era in 2018 when Romain Dumas shattered the previous record with an all-electric VW prototype, conquering the peak in just 7:57.148. This achievement opened the door to new possibilities and reignited discussions about the future of motorsport.

Beyond the thrill of breaking records and conquering a challenging course, the Pikes Peak International Hill Climb stands as a testament to human determination, technological progress, and the enduring love for speed. It celebrates the spirit of adventure, pushing the boundaries of what is possible while respecting the beauty of the natural world. The race's legacy is etched into the annals of motorsport history, inspiring generations of drivers, engineers, and enthusiasts to strive for greatness.

The Pikes Peak International Hill Climb is a saga that spans over a century, intertwining the evolution of technology with the indomitable human spirit. From its humble beginnings on a rugged mountain road to its current status as an electrifying global event, it continues to capture hearts and minds as competitors yearn to 'race to the clouds'. 🏁

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Split shaft Power Head 5.0Ah Kit
BL1850B x2, DC18SH, EM406MP

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DUC407RTX2
18V LXT Brushless 40cm (16")
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100W, 150W, 200W

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Schneider
Electric

The ultimate in circuit protection

Electricians and wholesaler partners across New Zealand have used and trusted Domae over the years for residential circuit protection. In order to continually offer our customers, the latest in global technology and optimised performance we are excited to launch Resi9, a brand-new range of circuit protection including accessories and enclosures.

Resi9 range is designed to help electricians achieve the same functionality as Domae but with more ease and flexibility, alongside additional opportunities to enhance the quality and professionalism of their installation.

Resi9 helps to provide a complete, residential circuit protection solution

with RCCB, MCB, slim RCBO, 2 module RCBO, 1-2-3P main switches, AFDD (Arc fault detection device), SPD (Surge protection device), plastic enclosures, busbars and accessories.

Key product features – Resi9

- New crisp white colour change
- Larger terminals on main switch and MCB
- Complete solution for residential applications with 100A rated system
- Option of top or bottom line-feeding for all devices (except 2 module RCBOs)
- Opportunity to grow business with latest innovation in circuit protection – AFDD
- Simplify the conversation with

homeowners using easy to explain pictograms on all devices

- All the product related information (specifications, brochures, catalogues, FAQs and installation instructions) at your fingertips by scanning the QR code on all products
- Designed for tough Kiwi conditions with operating temperature range from -25 Deg C to +70 Deg C with derating
- Up to 2 times faster installation speed with MAXBAR compared to the RCCB/ MCB installation
- No cables needed for feeding RCBOs with MAXBAR connecting main switch directly to any type of Resi9 RCBO and AFDDs.
- Easy to stock busbar kits with busbar, connectors, teeth covers and neutral terminal block coming all in one pack.

Domae to Resi9 Cross Reference Table

Resi9 Part Number	Description	Domae Equivalent
E2115FBP	Switchboard Metal Back plate 1 row Type 2 enclosure	None
E2215FBP	Switchboard Metal Back plate 2 row Type 2 enclosure	None
E2315FBP	Switchboard Metal Back plate 3 row Type 2 enclosure	None
E2415FBP	Switchboard Metal Back plate 4 row Type 2 enclosure	None
MX9XT3	Switchboard Extra Terminal Lug Connector 3 Modules	None
R9ACIL	Resi9 circuit ID label sheet	PDLDBF15/19
R9ADA110	Resi9 SB spare door assy 1 row 10M	PDLDBF10ASSY
R9ADA115	Resi9 SB spare door assy 1 row 15M	PDLDBF15ASSY
R9ADA215	Resi9 SB spare door assy 2 row 15M	PDLDBF30ASSY
R9ADA315	Resi9 SB spare door assy 3 row 15M	PDLDBF45ASSY
R9ADA415	Resi9 SB spare door assy 4 row 15M	PDLDBF60ASSY
R9AECT	Resi9 earth conductor tag	PDL4DBE
R9ANB04	Resi9 RCD neutral/earth bar 4 ways	PDLDBFN4

R9APF08	Resi9 pole filler 8 modules	PDLDBF15/23
R9D06606	Resi9 SLIM RCBO C 6A 1PN 6000A 30MA A	DOM12529
R9D06610	Resi9 SLIM RCBO C 10A 1PN 6000A 30MA A	DOM12530
R9D06616	Resi9 SLIM RCBO C 16A 1PN 6000A 30MA A	DOM12531
R9D06620	Resi9 SLIM RCBO C 20A 1PN 6000A 30MA A	DOM12532
R9D06625	Resi9 SLIM RCBO C 25A 1PN 6000A 30MA A	DOM12533
R9D06632	Resi9 SLIM RCBO C 32A 1PN 6000A 30MA A	DOM12534
R9D08610	Resi9 RCBO 1PN C 10A 30mA A 2MOD VD	DOM19802
R9D08616	Resi9 RCBO 1PN C 16A 30mA A 2MOD VD	DOM19803
R9D08620	Resi9 RCBO 1PN C 20A 30mA A 2MOD VD	DOM19804
R9D08625	Resi9 RCBO 1PN C 25A 30mA A 2MOD VD	DOM19805
R9D08632	Resi9 RCBO 1PN C 32A 30mA A 2MOD VD	DOM19806
R9D08640	Resi9 RCBO 1PN C 40A 30mA A 2MOD VD	DOM19807
R9F06106	Resi9 MCB, 1P, 6A, C Curve, 6kA	DOM11375
R9F06110	Resi9 MCB, 1P, 10A, C Curve, 6kA	DOM11376
R9F06116	Resi9 MCB, 1P, 16A, C Curve, 6kA	DOM11377
R9F06120	Resi9 MCB, 1P, 20A, C Curve, 6kA	DOM11378
R9F06125	Resi9 MCB, 1P, 25A, C Curve, 6kA	DOM11379
R9F06132	Resi9 MCB, 1P, 32A, C Curve, 6kA	DOM11380
R9F06140	Resi9 MCB, 1P, 40A, C Curve, 6kA	DOM11381
R9HME102S	Resi9 Mini enclosures 2 way, surface mounted	PDLSE2
R9HME104S	Resi9 Mini enclosures 4 way, surface mounted	PDLSE4
R9HME106S	Resi9 Mini enclosures 6 way, surface mounted	PDLSE6
R9HSB110F	Resi9 Consumer Switchboard, 1 row, 10 ways, Flush mounted	PDLDBF10
R9HSB115F	Resi9 Consumer Switchboard, 1 row, 15 ways, Flush mounted	PDLDBF15
R9HSB115S	Resi9 Consumer Switchboard, 1 row, 15 ways, Surface mounted	PDLDBS15
R9HSB215F	Resi9 Consumer Switchboard, 2 row, 30 ways, Flush mounted	PDLDBF30
R9HSB215S	Resi9 Consumer Switchboard, 2 row, 30 ways, Surface mounted	PDLDBS30
R9HSB315F	Resi9 Consumer Switchboard, 3 row, 45 ways, Flush mounted	PDLDBF45
R9HSB315S	Resi9 Consumer Switchboard, 3 row, 45 ways, Surface mounted	PDLDBS45
R9HSB415F	Resi9 Consumer Switchboard, 4 row, 60 ways, Flush mounted	PDLDBF60
R9HSB415S	Resi9 Consumer Switchboard, 4 row, 60 ways, Surface mounted	PDLDBS60
R9L40100	Resi9 SPD 1P 40kA	16693
R9L40102	Resi9 SPD 1P 40kA Cartridge	None
R9R06240	Resi9 RCCB 2P 40A 30mA A	DOM16695
R9R06263	Resi9 RCCB 2P 63A 30mA A	DOM16696
R9S06191	Resi9 Switch 1P 100A	DCK12458
R9S06291	Resi9 Switch 2P 100A	DCK12461
R9S06391	Resi9 Switch 3P 100A	DCK12464
R9TDB3606	Resi9 IDPN N ARC 1P N 6A C 6000A AFDD	A9T26606
R9TDB3610	Resi9 IDPN N ARC 1P N 10A C 6000A AFDD	A9T26610
R9TDB3616	Resi9 IDPN N ARC 1P N 16A C 6000A AFDD	A9T26616
R9TDB3620	Resi9 IDPN N ARC 1P N 20A C 6000A AFDD	A9T26620
R9TDB3625	Resi9 IDPN N ARC 1P N 25A C 6000A AFDD	A9T26625
R9XPH115	Resi9 pin type busbar 15M 100A	PDLMG15
R9XPN115	Resi9 1PN busbar 15M with acc	None
R9XPN115N	Resi9 1PN busbar 15M with NTB & acc	None
RMXPC1	RESI MAX CONNECTORS 1PN SET OF 4	None

Glight

GLW765/6

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FEATURES

- Aluminium alloy housing
- Independently adjustable heads
- Polycarbonate base, Die cast aluminium head
- Polycarbonate diffuser
- Infrared motion sensor with override function
- LED lifespan: 50000 Hours @ L70, Ta 25°C
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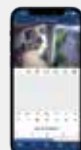
Smartphone App & Monitoring



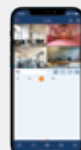
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Settings



Playback



Live View

Network Camera

5MP IP Dome Camera 2.8 - 12mm Lens



Features

- Vandal dome
- Power over Ethernet
- 30 - 50m Infrared range
- IP67 for New Zealand Conditions
- Combine with any TVT-NVR



TVT-D2812POE

Complete DVR Kit

4 Channel Hybrid Recorder with 4 x 2MP Dome Camera

Features

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- Free app for iOS & Android
- 1 x 4CH Hybrid Recorder with 1TB HDD
- 4 x 2MP 2.8mm Fixed Lens Camera
- 4 x 20m Coax Cable




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ECO PANEL

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

ECOPL066CSEG2	ECOPL123CSEG2	ECOPL126CSEG2
600 X 600	1200 X 300	1200X600
27W / 2800LM	28W / 2800LM	49W / 5000LM


ECO BATTEN



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

ECOBAT404ECSL	ECOBAT505ECSL
LUMEN 	LUMEN 
4FT / 1200MM	5FT / 1500MM
20W / 2400LM, 26W / 3000LM	29W / 4000LM, 37W / 5000LM
31W / 3500LM, 37W / 3900LM	45W / 5800LM, 52W / 6400LM

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

ORION OYSTER

- **COLOUR**  3000K / 4000K / 6000K
- Phase dimming as standard
- Optional integrated on/off motion and daylight sensor
- Center cable entry, Large terminal block for easy installation
- IP54 with removable trim


ORN16W3/4/6KDG3	ORN23W3/4/6KDG3	ORN23W3/4/6KSG3
Ø300mm	Ø350mm	Ø350mm with sensor
16W / Up to 1800LM	LUMEN 	LUMEN 
	16W / Up to 1700LM	16W / Up to 1500LM
	23W / Up to 2400LM	23W / Up to 2100LM


TABLET WALL LIGHT

- 3000K
- IP65 for installing in harsh environments
- Operating temp. -10°C - +40°C
- Beam angle Symmetrical, Direct or Direct & Indirect light
- Robust aluminium housing
- Center cable entry and large terminal block for easy installation

TABL830B	TABLDI830B
Direct	Direct & Indirect
4W / 330LM	8W / 650LM

SHADOW ECO FLOODLIGHT


- **COLOUR**  3000K / 4000K / 6500K
- IP65 & IK06 rated for installing in harsh environments
- Operating temp. -10°C to +40°C
- Low copper (<0.1%) aluminium housing
- Complete with corner mount bracket, Anti-fog breather, 1m flying lead and angled trunnion arm



SHADOWECO30CSLS	SHADOWECO50CS
LUMEN 	
15W / 1800LM	47W / 5100LM
29W / 3300LM	

BONUS

Bracket Included!

BWP ECO WEATHERPROOF BATTEN

- **COLOUR**  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	BWPECO505G2
LUMEN 	LUMEN 
4FT / 1400mm	5FT / 1500mm
19W / 2700LM, 28W / 3600LM	27W / 3400LM, 37W / 4600LM
33W / 4200LM, 41W / 5000LM	44W / 5300LM, 56W / 6300LM

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

PIERLUX ECO HIGHBAY

- 4000K or 5000K
- IP65 & IK08 rated for installing in harsh environments
- 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	ECOH8200W85LSG2
LUMEN 	LUMEN 
4000K	5000K
96W / 16000LM	99W / 17900LM
147W / 23900LM	149W / 26000LM
161W / 25800LM	172W / 29200LM
190W / 29900LM	204W / 33700LM

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Brushless Axial Blower
Bare Unit

DCMBL562N-XE



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Bare Unit

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DCMHT563N-XE



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45cm Chainsaw
Bare Unit

DCMCS574N-XE



DEWALT

54V
50cm Chainsaw
Bare Unit

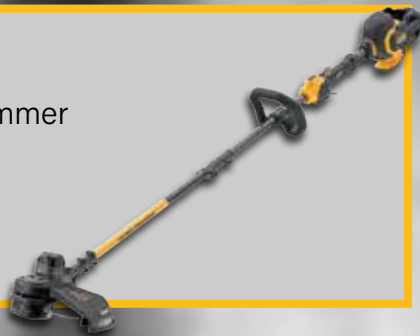
DCMCS575N-XE



DEWALT

XR FlexVolt
Split Shaft Line Trimmer
Bare Unit

DCM5713N-XE



DEWALT

54V FlexVolt
Axial Blower
Bare Unit

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DEWALT

54V
Split Boom Back End
Bare Unit

DCMAS5713N-XE



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Is the Jaguar E Type Series 1 Roadster

THE GREATEST BRITISH CLASSIC?



The look on the guy's face said it all. He stared for a good few minutes before he spoke. "Is this an E Type?" he asked. "Sure is" said I. "Wow, its BLEEP-ing mint," he replied. As I headed inside to pay for gas, the lady at the counter asked which pump it was. I told her pump four, but from her point of view at the counter, she couldn't see a car there.

A quick glance on her tip toes and she saw this Series 1 Jaguar E Type Roadster gleaming in British Racing Green. "Wow, is that an E Type Jag?" she asked in astonishment, I nodded. "I can't wait to tell my husband, that is his dream car," she said, eyes still fixated on the Jag. Suddenly everyone in the Sefton petrol station were transfixed by this low slung classic British sports car. It doesn't take a genius to figure out

why the Jaguar E Type has stood the test of time. It was and still is, utterly bewitching to behold. Enzo Ferrari himself even described the E Type as the prettiest car ever built. Today, it is classic car royalty, but when it was new, it changed car design for years to come.

The ironic thing is, Jaguar founder Sir William Lyons wasn't entirely keen on the finished product when the first production coupe and roadsters were presented to him. Believe it or not, he couldn't see it being a big seller. However, Lyons was eating humble pie when Jaguar launched the E Type at the 1961 Geneva Motor Show. It was an overnight phenomenon.

The demands for test drives were so great that a second factory demonstrator was driven from Coventry

to Switzerland overnight by one of the test drivers. It is also said Frank Sinatra saw an E Type on display in New York and declared "I want that car and I want it now." The demand for the E Type was also down to the fact it cost just 2089 GBP, making it a fraction of the price of a new Ferrari, Aston Martin or Maserati.

The E Type remained in production for 14 years and underwent a variety of changes throughout its life, culminating in the Series 3 V12s of the early seventies. However, it's the early Series 1 E Types which are by far the most iconic and most coveted today. This brings us on to the simply stunning 1964 Series 1 Roadster you see here.

Under that gorgeous bonnet sits the 3.8L XK straight six engine mated to a four-speed Moss manual gearbox.



With 265hp, Jaguar claimed this combo would allow the E Type to reach 150mph flat out. Except it actually wouldn't. A well-heeled E Type could reach close to 145mph, but the cars they lent to road testers in 1961 were actually lightly souped up. Once the journos got to 150mph, Jaguar knew they could market the E Type, or XKE as it was sold in the US, as the fastest production car in the world.

This example, chassis number 879603 was sold new in New York in 1964. It has had three Kiwi owners, the last of which held onto it for 20 years. It has also been subjected to a full restoration and features Coopercraft disc brakes and an uprated cooling system.

Seeing a Series 1 E like this up close is like seeing one for the first time. It is impossible to unglue your mug from that low slung bonnet, those glistening wire wheels with chrome knockoff wheel nuts, the steeply raked windscreen and its curvaceous rear end with minimalist taillights. Any E Type in my view is a looker. That said, a Series 1 Roadster in British Racing Green with its roof folded away to reveal its cream leather interior is not just the pinnacle of Jaguar past and present, but most cars in general.

I could spend hours and hours just staring at this car. Plus, the more you do just that, the more you pick up little details like the bonnet vents, the Jaguar cat emblem on the spindle grill, its airbrushed centre console and those dainty door handles. The latter require a small hand to grip in order to open.

Once you open the drivers door, it is a pretty easy process to get in. Once said door closes with a clunk behind you, you feel so snug and cocooned by your surroundings. The interior is a

work of art. Every button and toggle switch looks so exquisitely put together and while that three spoke wood rim steering wheel does come at you a lot closer than you would think, it's a beauty to hold and to behold.

Starting an E Type Series 1 is a pretty straight forward process. Apply choke if required, turn the ignition key a quarter clockwise and press the small black starter button down. A second or two later the 3.8L XK straight six ignites and settles into a surprisingly subdued burble. It does sound remarkably smooth but a few firm presses of the loud pedal give you a sonorous six pot symphony the likes of which could only come from a Jaguar straight six.

The biggest challenge for any uninitiated, is Jaguar's four speed Moss gearbox. The shift patterns are remarkably close together and require a positive gentleness when selecting each gear. What is also required when shifting is to double clutch. It goes like this when shifting from first to second. First gear, clutch in, neutral, clutch out, then clutch in, second, clutch out again. It becomes pretty straight forward once you get the hang of it. It is certainly not a gearbox you can bang through the gears. Not that that would be appropriate mind you.

What is appropriate, and what most of us will want to do, is give the E some stick. With the roof down and that six-cylinder opera emitting its torrent of symphonic bliss, the Series 1 can still shift, big time. Apply some throttle, or rather a lot of it, and that long bonnet rises. 80, 90, 100, 110, time to back off, all while turning yours truly into an organic giggle factory.

Even by the standards of today, the E Type is still a properly fast car. It

doesn't leave you breathless with neck snapping acceleration, but I'm actually glad of that. It's the nature of the delivery which impresses most. Dropping down a cog or two and giving it death is met not with an instant whack but a pronounced surge of power. It gives an experience, and boy what an experience.

I can fully believe this car even today would sit happily at speeds in excess of 230km/h and all in sublime comfort. The ride in typical Jag fashion is supple and provides an almost uncanny mix of being soft when you need it to be and firm when you want to have some more fun. Talking of fun, when the going gets twisty, the E delivers, big time.

Heading towards the rolling hills near Ashely Gorge, the roads start to climb, fall, twist and turn. Here is where the E plays its joker, it is an incredible handler. With no power assisted steering, you know exactly what those front wheels are up to at any given moment. Some say the chassis of the E Type is so well sorted that you can steer with the throttle. You know what? You sort of can.

Feed in the right mix of lock and oomph and you can glide from corner to corner with such ease and little effort required on your part. Honestly, there are newer cars which aren't set up as well as this. It also gives you the confidence to push even harder in each bend. The Jag likes to be driven well, and when you get that corner just right, it talks to you as if to say "well done old boy, care to have another go?"

I didn't want this drive to stop. However, those few hours, a realisation of a long-held dream, went by all too quickly. The Jaguar E Type Series 1 is one of the most enchanting classics ever. Boy, do I envy whoever snaps this one up. ▣

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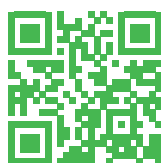
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Former Manu Samoa No 10 and freelance rugby scribe Campbell Burnes pays tribute to one of our great rugby warriors and locks

Sam Whitelock is now our most capped All Black.

At 35, he is now with French Top 14 club Pau after a remarkable 14 seasons in the Black engine room. Whitelock has overtaken Richie McCaw, whose status as the greatest of All Blacks greats, and the mentally toughest player of all time, is rock-solid.

Back in 2010, when this 21-year-old out of Feilding Ag by way of the Crusaders, was making his first steps in black, Brad Thorn told me that Whitelock would be a 10-year All Black. He was only wrong by 5 years (so far).

But right from the start, Whitelock brought good skills, a calm head and an uncoachable competitiveness to his work. His output for the Crusaders was tremendous, and his long-range try against the Queensland Reds a few seasons back was one of the finest solo tries by a lock you will ever see.

Whilst he has skippered the All Blacks on several occasions, there was a strong case for him to be appointed fulltime to the job after Kieran Read's retirement in 2019. Instead, Ian Foster opted for Sam Cane. It didn't affect Whitelock's rugby.

He was always a big-match player, but would still be consistent the rest of the time. In the 2015 Rugby World Cup

semifinal against South Africa, he came up with one of many big plays during his Test career, stealing a Victor Matfield lineout at a crucial juncture of the match.

What about the 2022 Super Rugby Pacific final, in which he led a dynamic, dominant Crusaders pack effort that shut out the Blues at both set-piece and collision time? He was never a ranter or raver, just providing the calm leadership and lead by example play of the greats.

In the 2023 Super Rugby Pacific final, his 182nd and last Super Rugby match, he defied medical and All Blacks advice on his dodgy Achilles to front for the full

80 minutes, help shut out the physical Chiefs forwards and add to his legacy in Crusaderland.

While his locking partner Brodie Retallick is rightly lauded as one of the finest locks of all time, Whitelock should be in that conversation. Time and again, he has helped the All Blacks out of a pickle. In August's Dunedin Bledisloe, he guided the comeback after a rocky start and they may not have won without his clear thinking and leadership, not to mention lineout prowess, scrum and mauling ability.

There was a time, around five years, when he was dropped briefly by the All Blacks, Steve Hansen saying, justifiably, that he was "one-paced" in his play. That was mainly down to overplaying and having little left in the tank, but he bounced back strongly. Even this year, when Scott Barrett was playing the house down and it looked like he might be consigned to the number three locking role, Whitelock still showed his worth.

His consistency across nearly 15 seasons of first-class rugby and over 350 games has been astonishing in a highly demanding position.

When we think of rugby warriors, McCaw might top the list. Stirling Mortlock of the Wallabies never looked like a warrior, until he drove his shoulder into your solar plexus or put a front-fend on your face.

Whitelock has that craggy face that fits the warrior image. And, importantly, he has backed it up week-in and week-out with one of the great rugby careers. Manawatu, Canterbury and all of New Zealand tip their hats to you, Sam. 





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AN OUDE TO GUEUZE



This August the Brewers Guild Awards were announced, with singular trophy winning beers assigned to each of the sweeping fifteen categories. Amongst all the triumph and tribulation, one category produced something altogether miraculous.

The trophy for European Ales (a broad category that primarily captures the many historic Belgian styles) went to Garage Project's Chance Luck & Magic for not the first, nor the second, but the third time in a row. A hat-trick like this is all but unheard of in the Brewers Guild Awards, but perhaps even more surprising is the unusual style of this unbeatable beer.

Chance Luck & Magic is a Gueuze ('Oude Gueuze' technically), a primordial Belgian style of beer that in a very real way brews itself. Originating in the Pajottenland region southwest of Brussels, Gueuze dates back to the thirteenth century. While its basic composition is fairly ordinary, a mix of barley and wheat with a very minor hopping level, what makes this beer remarkable is how it's fermented.

Where fermentation of a typical beer is controlled by a single, carefully controlled yeast strain, Gueuze is generated by a chaotic, uncontrolled array of wild yeasts and other microorganisms. This is achieved by exposing the beer to the elements overnight in a shallow metal trough called a coolship. Suitably inoculated, the fermenting beer is transferred to old barrels where it inherits yet another boost of microbial influence from the wood.

Inside the barrel, the beer ferments and further digests for a further year (up to as many as three), and to finally become Gueuze, multiple vintages of different vintages are blended together and gently refermented in the bottle.

It's a long and painstaking process that draws many parallels to Champagne, and the final result is one of the most unique beers not just in New Zealand, but the entire world.

Just as the brewing process is extreme, actually drinking one of these beers is no small feat either. Sour beer has gained a lot of mainstream popularity over the years, to the point where most drinkers are familiar with it now. Gueuze is not a sour beer, it is the ultimate sour beer, and genuinely enjoying it can demand a very robust palate. Here are my tasting notes from the 2021 vintage, featured on The Pursuit of Hoppiness.

"A lilting aroma of dried fruit, toasted walnut and complex oak is punctuated by a razor sharp tang that hints at the force of the flavour pent up within. That flavour is brutally sour at first, but soon coalesces into a symphony of incredible depth and structure, treating the palate to a vast permutation of flavours on the way to the exceptionally long finish. Arresting and confrontational, while intricately complex and fragile."

Consequent to its rampant success, Chance Luck & Magic is now very hard to come by (not to mention extremely pricey), but there are a few other intrepid local brewers producing their own examples around the country. Time from Wilderness Brewing, Oude Imperiale from 8 Wired, and Terrior Blend from Craftwork are all presently available. 🍷






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WIN-WIN FOR ATT HOST AND APPRENTICE



The Apprenticeship Training Trust (ATT) Electrical Host Business of the Year (North) was this year won by Akon Electrical Solutions. Presented to Akon's General Manager Caleb Galvin at ATT's Graduation and Awards event held earlier this year in Auckland, the reason for the win was clear. Akon's excellent technical expertise and support of each individual apprentice ensured their success. Alongside this, they instil outstanding work ethic and encourage personal development for all their apprentices, of which six were recruited by ATT.

In addition, the ATT Wellbeing Award was presented to Duncan Mulder, a second year ATT apprentice at Akon. New this year, the Wellbeing Award, sponsored by ICE, was to recognise an apprentice who demonstrates being a good support to his teammates, understands the importance of good mental health and wellbeing, and shows care and consideration of others.

Duncan is described as one of those natural young leaders who shows care and consideration and is always first to put up his hand to help anyone. He communicates confidently, leads by example, and strives to get the best out of people, all while maintaining a great sense of humour. Caleb describes him as "a pleasure to work with," and says it's inspiring to envisage the tradesman and leader he will soon become.

Caleb and Duncan were recently invited to chat with All Blacks legend Stephen 'Beaver' Donald, who has now turned his hand to broadcasting, and sports journalist Kirstie Stanaway, on their SENZ sport radio talkback show. There was plenty of lively banter as the group chatted, and an admission from Stephen that he

was actually halfway through a plumbing apprenticeship, so was no stranger to the process.

Kirstie, who noted that Caleb looked like a proud Dad when Duncan was talking, asked him why the ATT apprenticeship model works for Akon. Aside from the obvious advantage of ATT's support for the apprentice through mentoring and management, Caleb said it is the reduction of risk that they see as hugely beneficial for the business. They invest in the apprentice and want to see them complete

successfully, so they can hold onto them once they are fully qualified tradespeople.

It's a win-win for Akon and their ATT apprentices and Caleb says they will continue working with ATT to get quality candidates like Duncan into an apprenticeship with them.

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TF4213	10 - 13 A
TF4216	13 - 16 A



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NEW BUILDING CODE CHANGES FOR SMOKE ALARMS

From November 2023 the Building Code Acceptable Solutions for Protection from Fire (C/AS1 and C/AS2) will be amended to make interconnected smoke alarms the minimum fire safety system for new built homes and substantial renovations, citing NZS 4514:2021 – Interconnected smoke alarms for Houses.



In May 2022, MBIE consulted with the industry on acceptable solutions and verification methods for complying with the Building Code.

The consultation process closed on 1 July 2022 and received overwhelming positive support as the changes are intended to increase the protection of people in residential homes from fire and bring the requirements for fire safety systems in line with the latest industry standards.

What are the changes?

The Building Code Acceptable Solutions for new builds and substantial renovations will require that all smoke alarms must be powered by either a 10 year long-life battery (sealed and non-removable) or hardwired mains supply, all alarms in the household unit must interconnect with each other - either wirelessly or wired, a smoke alarm must be installed in all bedrooms, living spaces, hallways and landings within the building.

The smoke alarms must meet the following compliance standards; AS3786, BS EN 14604, UL 217, CAN/ULC S531 or ISO 12239. All alarms must contain a hush and test button. Where a kitchen or scullery is separated from the living spaces and hallways, by doors that can be closed, an alarm specified by its manufacturer as suitable for a kitchen must be installed in the kitchen. This may be a heat alarm to avoid nuisance activations.

The changes will have a 12-month transition period ending in November 2024.



All smoke alarms must be either powered by a long-life (min 10 years, sealed) battery or mains power.



All smoke alarms must be interconnected with each other, this can either be wireless or wired. The CAVIUS Wireless Family alarms connect with each other wirelessly, without the need to run cable between each alarm.

Interconnecting the CAVIUS Wireless Family alarms is a simple and quick process.



A smoke alarm must be installed in every bedroom, living spaces, hallways, and landings within the dwelling. On a multi-level household unit, there must be at least one smoke alarm on each level. If the kitchen is separated from the living spaces and hallways by doors that can be closed, a heat alarm shall be installed. This may include the scullery.



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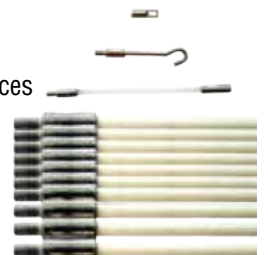
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MUTTON DRESSED AS LAMB

Intramuscular fats as shown below is one of the keys to a great barbecue



When choosing cuts of meat for low 'n' slow barbecue marbling or intramuscular (striation) fats are key to achieving a great result. Simply put "fat is flavour" and when rendered down on a barbecue with just the right amount of heat and smoke, it also provides for moistness, tenderness and an appealing "mouth feel" with each bite.

For this reason, I use bone-out mutton (sheep older than 2 years) leg when barbecuing "lamb" for our restaurant. Mutton takes on plenty of smokey goodness, stays tender and is a very popular alternative to pork and beef with our guests.

LET'S GET STUCK IN TO SOME BAA-BAA-QUE!

Time: 4 hours

Difficulty: Medium

INGREDIENTS:

2.5kg Bone-Out Mutton Leg
Rum & Que Ram Rod Rub
Rum & Que Meat Juice
(all-purpose bbq sauce)
50g Butter
1/2 cup of Coke Zero or beer of choice

METHOD:

1. Trim away all hard fats and silver skin to expose the meat.
2. Apply an even coating of Ram Rod rub & put aside to "sweat" for 30mins.
3. With lit coal briquettes set your barbecue-smoker up for indirect cooking (if unsure what indirect cooking entails a google search including your barbecue type will help). I am aiming to have the barbecue somewhere around 175°C-200°C (350°F-400°F).
4. Add some smoking wood of choice - I like Pohutukawa when paired with mutton, but any of the fruit woods are also banging. The goal is to achieve gentle clean white smoke.
5. Once your barbecue is up to temperature, place the mutton indirect onto the grill and close the lid.
6. After 2 hours check the internal temperature of the mutton with an instant read thermometer - it should be probing on average around 70°C (160°F) and the bark (rub) should be set.
7. Once happy with the internal temperature and look of the mutton, transfer to a quality foil tray with the coke, bbq sauce and butter. Cover tightly with tinfoil (Ultimate Tinfoil is the best).

8. At this stage you can either return to the barbecue or because it is now "wrapped", there is no reason you can't use your electric oven to finish the process as no more smokey flavours will be added. When using the oven I set it to 200°C (400°F).

9. After 1 hour, again check the internal temperature of the mutton - you are searching for 99°C (210°F). You may need a little longer but ideal temps should be reached within 1.5 hours.

10. Remove from the barbecue or oven, leaving covered, rest for at least 30mins on the bench or longer if using an insulated food box or chilly bin.

11. Retaining the juices in the tray, place the mutton onto a chopping board and with a sharp knife slice to desired thicknesses!

12. Dredge the slices back thru the juices in the tray and serve with your favourite sides.

And that is it...a tender & tasty baa-baa-que option that will be sure to please.

TILL NEXT TIME, HAVE A GREAT XMAS PERIOD, STAY SAFE AND GET THE COALS GLOWIN'

WISER CONTROL DEVICES

Reimagine how you live with a PDL Wiser Smart Home solution.

Imagine being in control of every aspect of your home – from the temperature to the lighting to your energy use – with just a few taps on your smartphone, or a few words to your voice assistant. Imagine how comfortable you'd feel having everything set just how you like it, whenever you want. Imagine the secure feeling, knowing that you never have to worry about whether you have shut a door or turned off an appliance. And imagine how environmentally sensitive and economical you'll be by using energy more efficiently. Now imagine being in control of all aspects of your home easily and intuitively, with a simple yet powerful smart home solution that can grow to meet your changing needs.

Taking charge of your home and taking the complications out of your daily life couldn't be easier with a PDL Wiser Smart Home. It's designed to be suitable for any home whether it's a new build or an existing home, allowing you to:

- Manage your lighting, blinds, heat pump, appliances and more via an app, wherever you are.
- Create and schedule your own 'Moments', like movie nights or family dinners, where settings such as the lighting and temperature change to just how you like them.

- Set the lights and devices in your home office to power up with a pre-scheduled program before you start working, then go on standby when you're done.
- Let your home automatically anticipate your needs, reducing your living costs and environmental footprint.
- Choose how you control your smart home, with the Wiser by SE app, voice assistants or automatically. Imagine all this control over your comfort, peace of mind and energy efficiency, right at your fingertips. With a PDL Wiser Smart Home, you can.

Here is a simplified selection chart to help you find the right module to make any home a Wiser home.

Find out more about PDL Wiser @ pdl.co.nz/wiser

Life Is On



by Schneider Electric

pdl.co.nz/wiser

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Remote me

Product Name	Smart PB Remote mech with LED
Model #	PDL356PBSSL-VW
2-Wire/ 3-Wire	3-Wire (Active, Neutral, ControlLink)
Multway control	Slave / Remote control
Configurable LED indicator	YES
Configurable min brightness	NA
Min load	NA
Max load	ControlLink communication only, no direct load control
Timer range	NA
Built-in over-temp, overload, short circuit protection	NA
Suitable for fan motors	NA
Depth from grid Compatible wall box	39mm standard
No. of units in a plate	6
Application	Provides multiway control with matching LED indicator



Product Name	Connected Switch 10AX (BLE)
Model #	PDL356PB10MTW-VW
Connectivity	BLE & Zigbee 3.0 (BLE Default)
2-Wire/ 3-Wire	3 - wire
Multway control (ControlLink)	YES (Multiway switching)
Configurable LED indicator	YES
Configurable min/max brightness	NA
Max load ratings	10AX/15A Res 10A @0.8pf M40 (6A @0.5pf)
Timer	Delay timer and run-on timer 1s – 24hr
24/7 Scheduler	YES
Suitable for fan motors	YES
Depth from grid compatible wall box	70mm Deep
No. of units in a plate	3
Applications	Indoor and outdoor lighting, Heat lamps, outdoor IR heaters, heated towelrail, pool pumps



Mechanisms

Dimmers

USB chargers

Sensor

ControlLink Remote Mech	Rotary LED Dimmer 2-Wire	Rotary Uni Dimmer 2-Wire	PB Dimmer w CTL 2-Wire	Single Port 1.5A USB Charger	Dual Port 3.1A USB Charger	Dual Port 3.1A USB A+C Charger	Single Port 25W USB-C charger	PIR Motion Sensor Mech
PDL356PBSS-VW	PDL354RDMLED2-VW	PDL354RDMUN-VW	PDL354PBDMUN-VW	PDL342USB-VW	PDL342USB2-VW	PDL342USB2AC-VW	PDL342USBC-VW	PDL 352MPIR-TN
2-Wire	2-Wire	2-Wire	2-Wire	Active, neutral	Active, neutral	Active, Neutral	Active, Neutral	3-Wire
Slave / Remote control	Suitable for 1/2 way switching	Suitable for 1/2 way switching	Multiway dimming	NA	NA	NA	NA	Can parallel multiple devices
NO	NO	NO	YES	NA	NA	NA	NA	LED present but not configurable
NA	YES	YES	YES	NA	NA	NA	NA	NA
NA	5W	1W	10W	NA	NA	NA	NA	NA
240V 50mA	150W	350W	300W	1.5A	2.1A per port (3.1A max)	2.4A(Type A), 3A (Type C) - 3.1A max	PD3.0 (type C) 25W Max	750W max, 150W LED, M3 (0.5A@0.5pf)
NA	NA	NA	NA	NA	NA	NA	NA	10s-15min
Overload	YES	YES	YES	YES	YES	YES	YES	Overtemp
NO	NO	YES	NO	NA	NA	NA	NA	YES
39mm standard	36mm standard	36mm standard	39mm standard	37mm standard	55mm deep	55mm deep	55mm deep	41mm standard
6	3 (de-rating applies)	3 (de-rating applies)	6 (de-rating applies)	3	2	2	2	3
Provides multiway control	Lighting – LED, halogen, incandescent	Lighting – LED, halogen, small fans, incandescent	Lighting – Clipsal LED, halogen, incandescent	Kitchen, bedroom, study	Kitchen, bedroom, study	Kitchen, bedroom, study	Kitchen, bedroom, study	Hallway, stairs, pantry, WIR, entry, bathrooms



Iconic connected switches

Iconic connected dimmers

Micro Modules

(for use with any wall plate)

Connected Switch 10AX (Zigbee)	Connected Switch 2AX (BLE)	Connected Switch 2AX (Zigbee)	Connected Dimmer (BLE)	Connected Dimmer (Zigbee)	Micro module Switch (Zigbee)	Micromodule Dimmer (Zigbee)	Micromodule Blind controller (Zigbee)
PDL356PB10MBTZ-VW	PDL356PB2MBTW-VW	PDL356PB2MBTZ-VW	PDL354PBDMBTW-VW	PDL354PBDMBTZ-VW	PDL5011WSZ	PDL5010WDZ	PDL5015WBZ
BLE & Zigbee 3.0 (Zigbee default)	BLE & Zigbee 3.0 (BLE Default)	BLE & Zigbee 3.0 (Zigbee default)	BLE & Zigbee 3.0 (BLE Default)	BLE & Zigbee 3.0 (Zigbee default)	Zigbee 3.0	Zigbee 3.0	Zigbee 3.0
3 - wire	3 - wire	3 - wire	3 - wire	3 - wire	3 - wire	2 - wire	3 - wire
YES (Multiway switching)	Not available (use Automations)	Not available (use Automations)	YES (Multiway dimming)	YES (Multiway dimming)	YES (using parallel bell press switches)	YES (using parallel bell press switches)	YES (using parallel bell press switches)
YES	YES	YES	YES	YES	NO	NO	NO
NA	NA	NA	YES	YES	NA	YES	NA
10AX/15A Res 10A @0.8pf M40 (6A @0.5pf)	2AX 2A @0.6pf 2A Motor	2AX 2A @0.6pf 2A Motor	150W Dimmable LED 300W Incandescent 300W Halogen & ELV.	150W Dimmable LED 300W Incandescent 300W Halogen & ELV.	10AX/15A Res 6A @0.6pf 10A motor	100W Dimmable LED 200W Incandescent 150W Halogen & ELV.	240V twin active motor 4A 0.6-1.0pf
Delay timer 1-5 hrs (as an Automation)	Delay and run-on timer 1s- 24hr	Delay timer 1-5 hrs (as an Automation)	Delay timer 1s – 24hr	Delay timer 1-5 hrs (as an Automation)	Delay timer 1-5 hrs (as an Automation)	Delay timer 1-5 hrs (as an Automation)	Delay timer 1-5 hrs (as an Automation)
YES (as an Automation)	NO	YES (as an Automation)	YES	YES (as an Automation)	YES (as an Automation)	YES (as an Automation)	YES (as an Automation)
YES	YES	YES	NO	NO	YES	NO	NO
70mm Deep	39mm Standard	39mm Standard	70mm Deep	70mm Deep	Switch plate dependent	Switch plate dependent	Switch plate dependent
3	6	6	3	3	6 (wired to bell press switches)	6 (wired to bell press switches)	6 (wired to bell press switches)
Indoor and outdoor lighting, heat lamps, outdoor IR heaters, heated towelrail, pool pumps	Indoor and outdoor lighting, small motors, exhaust fans – run on timer, heated towel rails	Indoor and outdoor lighting, small motors, exhaust fans, heated towel rails. Moment triggering (via automations)	Dimmable LEDs, Incandescent and halogen lighting	Dimmable LEDs, Incandescent and halogen lighting	Garage door and gate motors, Indoor and outdoor lighting, heat lamps, exhaust fans, heated towel rails, pool pumps	Dimmable LEDs, Incandescent and halogen lighting (31LCDA recommended for LEDs)	240V twin active blind motors equipped with an end position switch.



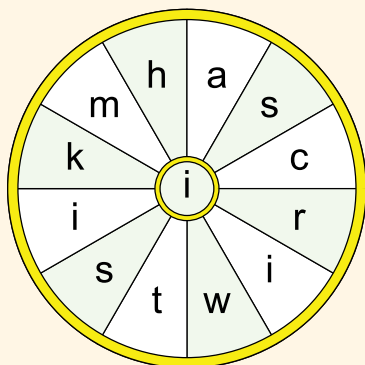
SMOKO BREAK

CHALLENGING SUDOKU

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

1			6	3				
			8			5	3	
				1			6	4
	6					7		9
2		5					1	
	3				7		5	
	1			4				6
6		3			1			
		2	3		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 13 letters to form 2 words. Here is a little help to find the word: giveaways.

// 15 words - Good

// 30 words - Excellent

// 50 words - Genius

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WIN A \$50 SUB CARD



EPICFAIL

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



Josh Anderson (Projex Electrical):

When the manhole is a bit too far to get a j-box but you have a solution in your pocket.

Luckily this site has been disconnected for works when we found this little booby trap

Electrical Experts Comment:

Obviously good resistance in dry wood. I'd be checking the rest of the house for further booby traps after finding this.

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.

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CHRISTMAS FUNFACTS

RUDOLPH WAS A MARKETING PLOY

Rudolph the Red-Nosed Reindeer first appeared in 1939 when the Montgomery Ward department store asked one of its copywriters to create a Christmas story for kids that the store could distribute as a promotion.

'JINGLE BELLS' WAS THE FIRST SONG PLAYED IN SPACE

On December 16, 1965, the classic Christmas song was broadcast during NASA's Gemini 6A space flight.

IN THE "12 DAYS OF CHRISTMAS", ALL THE GIFTS MENTIONED WITHIN THE SONG ADD UP TO 364 GIFTS

When you count all the gifts mentioned (remember that with each recurring day, the previous day's gifts are given again), there are a total of 364 gifts.

FOR AN ARTIFICIAL CHRISTMAS TREE TO BE MORE ENVIRONMENTALLY FRIENDLY THAN A REAL TREE, YOU WOULD NEED TO REUSE IT FOR AT LEAST 10 YEARS!

A 3.3-foot (2 meters) Christmas tree with its roots still attached, when disposed of by burning it or planting it, only has a carbon footprint of around 7.7 pounds (3.5kg) of carbon dioxide. A plastic Christmas tree of the same size has a much larger carbon footprint, measuring, on average, 88 pounds (40kg) of carbon dioxide!



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SUPPLIER PRICE NOTIFICATIONS

SUPPLIER	MOVEMENT	EFFECTIVE DATE
McCabe	+9%	October 2023
Superlux Gartner	+0.1%	October 2023
Qtech Data	+5.8%	October 2023
Matchmaster	+4.8%	October 2023
NHP	+2.5%	October 2023
CSL	+6%	November 2023
Powerhowse	+3.9%	November 2023
Prysmian	+5%	November 2023
Nexans	+5%	November 2023



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