

LV JUICE

ABE POWDER TYPE PORTABLE FIRE EXTINGUISHERS

FEATURES

- High quality thick powder coating with increased UV resistance
- Supplied with vehicle bracket
- AS/NZS 1841.5 Approved
- Special hose hook to secure the hose to the side of the extinguisher



Cat No.	Size
G1HABE	1.0KG
G1.5ABESVB	1.5KG
G2.0ABEVB	2.0KG
G2.5ABEVB	2.5KG

BE PREPARED

VEHICLE SAFETY GEAR FOR UNEXPECTED SITUATIONS

VEHICLE FIRST AID KIT

This kit contains all the basic items needed for a vehicle first aid kit and comes in a handy soft carry bag.



VIEW THE FULL CONTENTS ON OUR WEBSITE

CAT NO. FAK010N1S



This Month

ECOPILLAR: MADE IN NEW ZEALAND

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MSIP RISING MAINS CONNECTOR

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FREE MD116 WITH MD9880 PURCHASE

PAGE 7

FREE LOLLY SCRAMBLE MIXED LOLLIES

WHILE STOCKS LAST

When you spend over \$500 (+GST) on one invoice this month



www.transnet.co.nz



SMART DESIGN STATE OF THE ART MICRO GRID

100kVA Generator
- Extra backup if the worst happens

Smart Energy Storage
- 30kW/130kWh Vanadium System

544 Panel Solar Farm
- Generates up to 150kW of energy

Smart Energy System

TransNet built a fully functioning micro grid on-site with a 544 panel solar farm spread over three locations. This generates 150kW which consistently generates more than 100% of the energy required to power the facility. This energy is managed, stored, and used efficiently by the smart energy system connected to the 30kW/130kWh vanadium redox flow battery storage unit, with any excess energy fed back to the grid. This building is fully self-sufficient and can continue functioning on solar and stored energy if there is a power cut. As an additional backup there is a 100kVa generator also connected to the micro grid. Having the capacity to operate independent of the grid offers our customers a more reliable service offering even during an emergency situation.



TRANSNET MONTHLY GIVEAWAY SUPPORTING KIWI BUSINESSES

You loved them last time with their gourmet dip mixes so now we've brought them back with a sweeter treat this summer. This month's giveaway is a nostalgic Kiwi lolly mix courtesy of The Herb and Spice Mill, a local company like

us with more than 20 years of experience manufacturing and sourcing great snacks for the foodies of New Zealand. This time they've taken everyone's childhood favourites, crammed them all into a

bag and created the ultimate Kiwi lolly scramble. Find your favourite in the pack and have a great Christmas.

www.herbandspicemill.co.nz





MADE IN NEW ZEALAND & TAILORED TO SUIT OUR CONDITIONS

AN ECOPILLAR FOR EVERY SITUATION

From slim and unobtrusive to robust and powerful, the ECO Pillar range is broad enough to accommodate residential, commercial & control applications, while flexible enough to handle customised hardware configurations.

The ECO Pillar range is an integrated system, designed right here in New Zealand by people in the industry for people in the industry.

Built from fully recyclable Rotathene UV stable plastic, the ECO Pillar will take the knocks and come back for more. It's designed specifically for customers who demand safety, performance and unobtrusive good looks from their electrical reticulation systems.

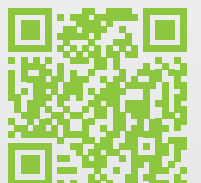
A unique range of fastening systems is available. Internally, all components are specifically designed for the ECO Pillar.

Externally, ECO Pillar has a compact installation footprint with a contoured design and no sharp edges. Their modular design makes them easy to retrofit into existing installations.

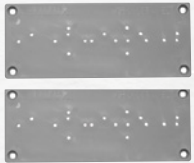
FEATURES

- A **fully modular system** to meet all network requirements
- Accommodates **multiple** switchgear combinations
- **Recyclable**
- Mechanically **robust**
- **Unique** serial number
- Made of **excellent UV stable** Rotathene repurposed plastic
- Domestic, commercial & control applications

VIEW
THE
RANGE



Removable mounting bracket



Drilled, removable, durable flame retardant PVC panels



Tinned 250A Copper neutral bar with stainless studs



Integrated ventilation system for moisture control



Multiple fastening options depending on security level required



Two side cable access holes & one underneath





TNERIB

TRANSNET EARTH ROD INSPECTION BOX



H1826

BOLTED EARTH CONNECTORS



TransNet's TNERIB is a custom-designed inspection box featuring a hinged latching lid for easy access. Strengthened for longevity, the TNERIB protects the integrity of the connection and is easily installed in footpaths.

FEATURES

- Heavy duty strengthened, hinged & latched lid
- Made from fully recyclable UV stabilised material
- Square to easily fit into paving work
- Easy to identify with embossed lid detail
- Extensive rain water access
- Custom designed and manufactured in NZ



Simple and robust, these bolted connectors have a groove to ensure correct placement of conductor. Designed for single conductor parallel orientation. These connectors can be easily removed should the need arise.

Cat No.	Description	Size (mm)
H1826-1	UTILUX CAST BRASS EARTH CLAMP,	15
H1826-2	CONDUCTOR 6-10MM ²	19
H1826-3	ON ALL CONNECTORS	19-25





MSIP INSULATION PIERCING CONNECTOR FOR MAINS-SERVICE CONNECTIONS

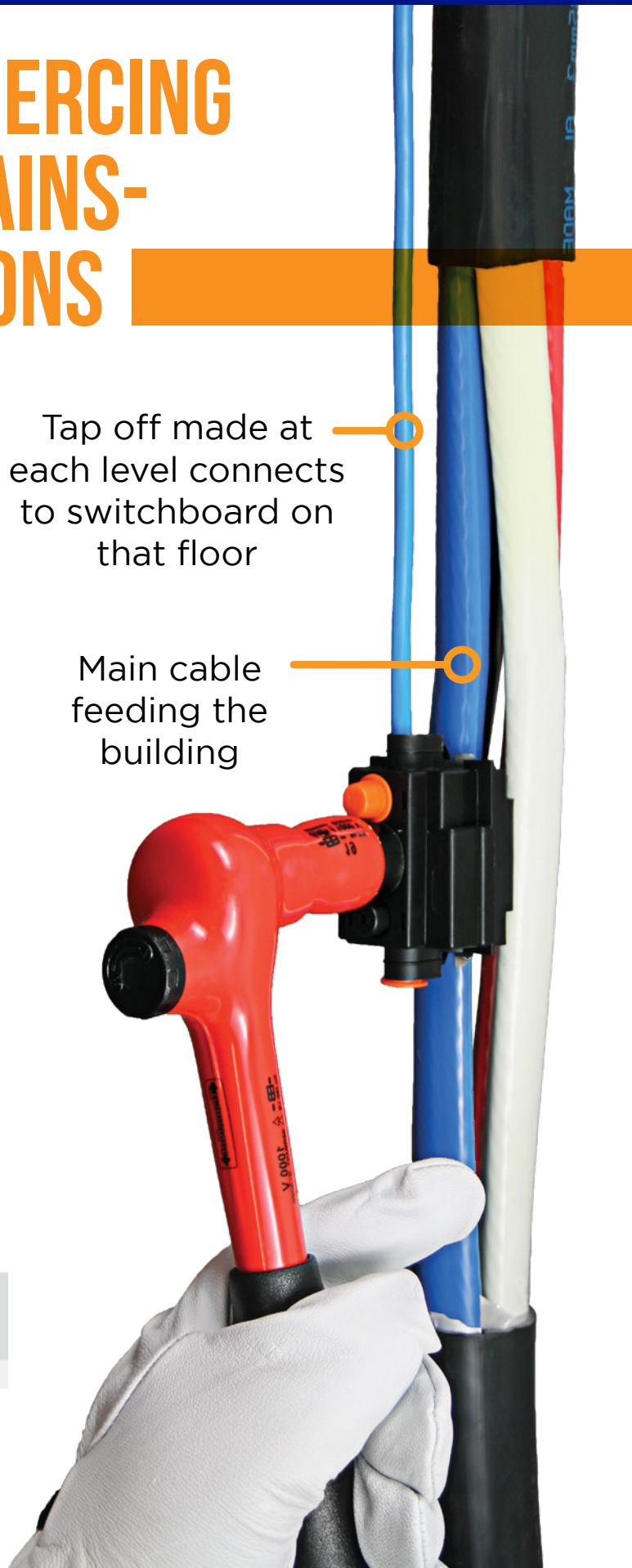
Used in multi-level buildings where a tee-off from a main conductor to the switchboard on each floor is required, these connectors are fast and simple to install. They enable a connection to the main conductor without cutting it, thus reducing resistance.

FEATURES

- Can be installed on to LV mains cable under live working conditions (following suitable procedures)
- Insulation piercing connection
- Up to 300mm² main & up to 2x35mm² service conductors
- Fully shrouded connector body
- Shear head bolt, detaches once correct torque is reached
- Designed and tested to IEC 61238-1
- Range taking capabilities
- Two sizes cover 50mm² - 300mm² main

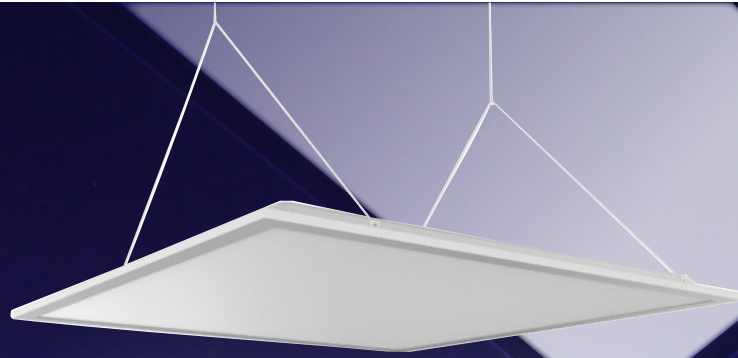
Tap off made at each level connects to switchboard on that floor

Main cable feeding the building



Cat No.	Dimensions (mm)			Application Tool	Main Conductor (mm ²)	Take Off Connector Size Range (mm ²)
	L	H	W			
MSIP185	83	60	48	19MM SOCKET, 3MM ALLEN KEY	50-185	2 x 4-35
MSIP300	83	60	55	19MM SOCKET, 3MM ALLEN KEY	185-300	2 x 4-35





LEDPNLB

LED COMMERCIAL BACKLIT PANELS

COLOUR TEMPERATURE CHANGEABLE

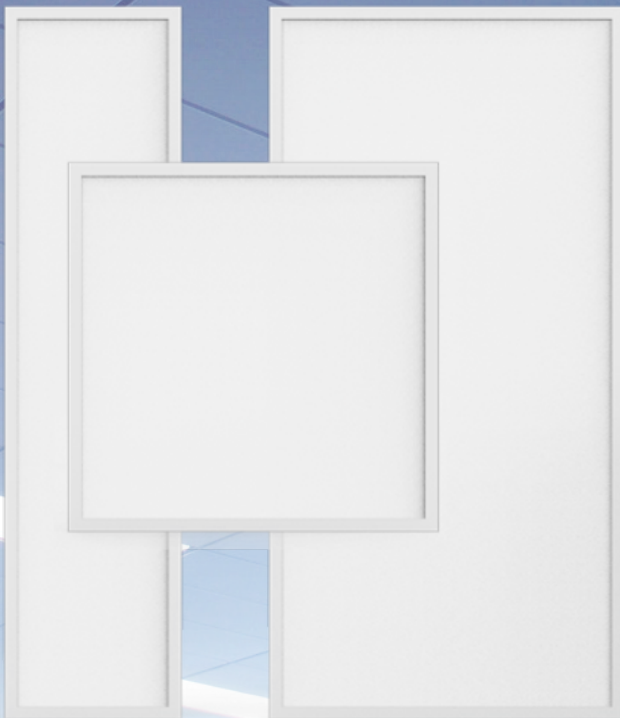


The LEDPNLB LED backlit troffer is an economical solution for retrofit applications. At only 30mm in depth the LEDPNLB can fit into the tightest of ceiling cavities with ease.

These troffers with switchable colour temperature offer full flexibility throughout the lifetime of the luminaires.

TECHNICAL SPECIFICATIONS

POWER CONSUMPTION	36W, 38W, 60W
POWER FACTOR	>0.9
COLOUR RENDERING INDEX	Ra > 80
COLOUR TEMPERATURE	3CCT-in-1 Panels: 3000K/4000K/5700K
LED CHIP	Epistar
OPERATING RANGE	0° to +40°
IP RATING	IP20
UGR	<19
LIFESPAN	>60,000 hours (L70 B10)
SDCM	<6
LIGHT DISTRIBUTION CURVE	110°
MATERIALS	Powdercoated White Aluminium Frame, PS Diffuser
DRIVER	Lifud/Boke (standard Non-dimmable driver) Boke (Dali 2/Dali Push, 1-10V options)
MOUNTING OPTIONS	Recessed, Surface, Suspended
DIMENSIONS	595x595x30mm (36W) 295x1185x30mm (36W) 595x1185x30mm (38W & 60W options)
POWER FACTOR	0.95
BODY WEIGHT	LEDPNLB-6x6-36W: 1.6kg, LEDPNLB-3x12-36W: 1.8kg LEDPNLB-6x12-38/60W: 3.2kg
INPUT VOLTAGE	220-240V AC
CABLE	2 core power, 1m length with NZ plug
WARRANTY	5 years





MD9880

TRMS MULTIMETER WITH THERMAL IMAGING CAMERA



MEASUREMENT FUNCTIONS

- Temperature with cursor on camera
- TRMS DC and AC voltage & current
- Resistance
- Frequency
- Capacitance
- Duty cycle
- Diode test

APPLICATIONS

- Troubleshooting electrical installations, electrical equipment, electric vehicles
- Mid-level electrical testing
- Field service
- Building and facility maintenance
- Energy loss analysis

The MD9880 combines essential multimeter functions with thermal viewer, allowing you to quickly locate a wide array of possible faults. Hot spots can then be tested with electrical measurement. Thermal view also expands the usefulness of the instrument to other applications in the facility or vehicle, locating leaks, frictions stress and thermal losses.

KEY FEATURES

- Thermal view
- Automatic and manual range
- Hold and auto-hold modes
- MIN/MAX values capture
- Relative mode
- Peak capture mode
- Rechargeable 3.7V 1400mA lithium ion battery with 6 hours typical battery life
- CAT III 300V
- IR resolution 80 x 80 pixels
- Display resolution 240x320 pixels
- Temperature range -20°C to +260°C



MD116 NON-CONTACT VOLTAGE DETECTOR

MEASURING FUNCTIONS

- Non-contact voltage detection from 12 V AC
- Optical, acoustical, and vibrating indication in case of power
- LED flashlight
- 12 V – 1000 V AC measurement range
- Automatic self-test



NZ MADE FROM RECYCLED HDPE

Strong & Eco-Friendly Cover

DOES YOUR CABLE COVER COMPLY?

Our AS/NZ4702-2000 cable cover is manufactured in New Zealand from recycled High Density Polyethylene (HDPE) and designed to protect the cables/pipes it is covering. Contaminant free post manufacture waste is collected and recycled by Astron Plastics right here in New Zealand.



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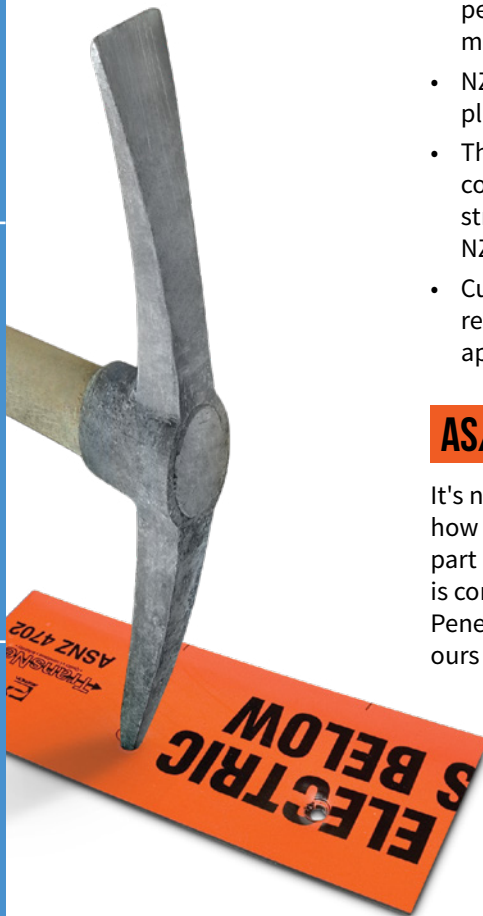
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KEY FEATURES

- Passes the AS/NZ 4702-2000 penetration test allowing no more than 50mm penetration
- NZ made from recycled HDPE plastic
- Thinner and lighter while consistently complying with strength requirements of AS/NZ 4702-2000
- Custom widths available on request (MOQ & lead times apply)
- No contaminants and won't leech into soil
- Retains mechanical strength characteristics even in extreme temperatures
- Every batch is tested throughout the manufacturing process to ensure it consistently complies
- Gas and Electricity specific product available

AS/NZ4702-2000 PENETRATION TEST

It's not how thick it is, it's how strong it is. The critical part is ensuring Cable Cover is consistently strong and the Penetration Test determines ours is!



ASTRON
breathing new life into plastics

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