



LV JUICE



Apator RBK 1 Pro Fuse Switch Disconnect

The RBK 1 Pro 250A horizontal switch disconnect is designed for the distribution of electricity and protection of electrical equipment against short-circuits and overloads with industrial fuse links, and is suitable for installation in low voltage distribution boards, cable and metering cabinets.

FEATURES

- Halogen-free flame retardant materials for the highest possible flammability class -V0
- Three pole main base with spring-loaded contacts designed for connection of circular or sector-shaped conductors
- Voltage testing while live performed through test holes in fuse link covers
- Conductors with lug terminals or bars
- Removable cover with fuse links
- Arc chutes with steel deionization plates over top contacts
- Silver plated contacts provide low power loss
- Panel mount



Also available in sizes 000, 00, 2, 3, & 4 up to 1600 amps with busbar & DIN rail mounting options



This Month

- ARC FLASH HEAD PROTECTION PAGE 2
- ECOLIGHT LED SOLAR FLOODLIGHT PAGE 3
- THE WORLD'S ONLY CLEAR POLYMER IR WINDOW OPTIC PAGE 6

FREE GOURMET DIP MIX SACHET

WHILE STOCKS LAST

When you spend over \$300 (+GST) on one invoice this month



www.transnet.co.nz



OEL ARC FLASH FACE SHIELD

FEATURES

- 12 cal/cm² polycarbonate light tint visor
- Light tint lens gives improved clarity of work environment
- Resistant to fogging
- Lightweight unit design
- Class E rated hard hat
- Universal fitted slotted cap bracket

CAT No. AFW032



The kit features a Light Tint Visor with a protection level of 12 cal/cm², with the additional protection of a hard Hat, a 12 Cal balaclava, and safety glasses.

CAT No. AFW040-CLEAR



ERGOS INTEC POWER HELMET WITH INTEGRATED FACE SHIELD

The ErgoS Intec power is a helmet with integrated retractable face shield to protect its wearer from getting burned in case of an arc flash incident. It is tested for European "Box-test" and American "Open-Arc-test". It is a very ergonomic solution for all day work.

FEATURES

- Clear/light smoke tint for easy colour determination
- Premium permanent anti-fog coating
- Helmet usable until -40°C
- Superior scratch resistance
- Improved peripheral vision

ARC PROTECTION CLASSIFICATION

- ASTM F2178: ATPV= 14 cal/cm²

DURABILITY

- 4 years

COLOUR REPRODUCTION INDEX / OPTICAL CLASS

- > 93% / Class 1



Down



The retractable face shield is ready to be used at a moment's notice.

CAT No. 7406401

*28 Cal/cm² also available

TRANSNET MONTHLY GIVEAWAY SUPPORTING KIWI BUSINESSES

Our mission to bring families together for a good meal continues this month, and what could be more communal than a good dip next to the chip bowl? More than twenty years ago The Herb and Spice Mill opened its doors with a mission to source and supply something

different to the foodies of New Zealand, and what began as a simple business has expanded hugely since then. They share our goal of manufacturing products in NZ where possible, although

www.herbandspicemill.co.nz

we wouldn't recommend eating ours! This month TransNet's giveaway is one of The Herb and Spice Mill's delicious gourmet dip mixes for snacks or for sprinkling on anything you fancy.





LEDSOLAR

LED SOLAR OFF-GRID FLOODLIGHT KITS

These solar floodlight kits are the ultimate solution for off-grid lighting requirements. The 120lm/W LED output ensures optimum light output performance.

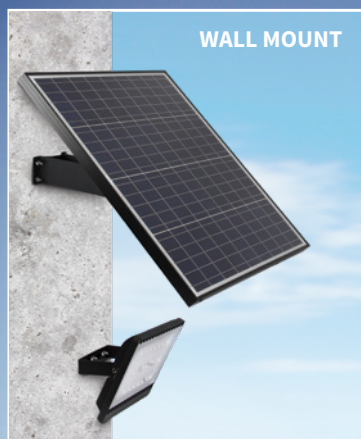
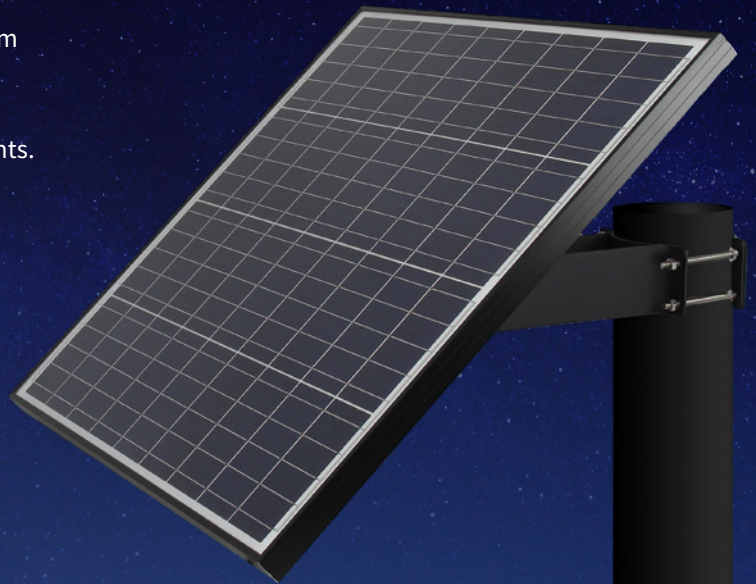
The PIR sensor model has a sensor built into the LED luminaire, perfect for security lighting and 'lighting on demand' requirements.

FEATURES

- 80W solar panel, 30W floodlight
- 120lm/W output
- Panel features reprogrammed solar controller & integrated lithium batteries
- Adjustable & adaptable mounting bracket
- 'Plug & Play' kit – very easy installation
- Complete with setup tools and pole mount kit
- **Easy mounting to poles, walls, fences & more**

TECHNICAL SPECIFICATIONS

CAT NO.	LEDSOLAR-FL30	LEDSOLAR-FL30-PIR
PIR SENSOR	No	Yes
SOLAR PANEL WATTS		80W
LED FLOODLIGHT WATTS		30W
FIXTURE LUMENS		3600lm
COLOUR TEMPERATURE		6000K
BEAM ANGLE		Wide Beam, 120°
IP RATING		IP65
WORKING TIME	20 Hours/Day (Pre-Programmed)	
MOUNTING HEIGHT		3-7m
WARRANTY		2 Years





MAINS ENTRY BOX

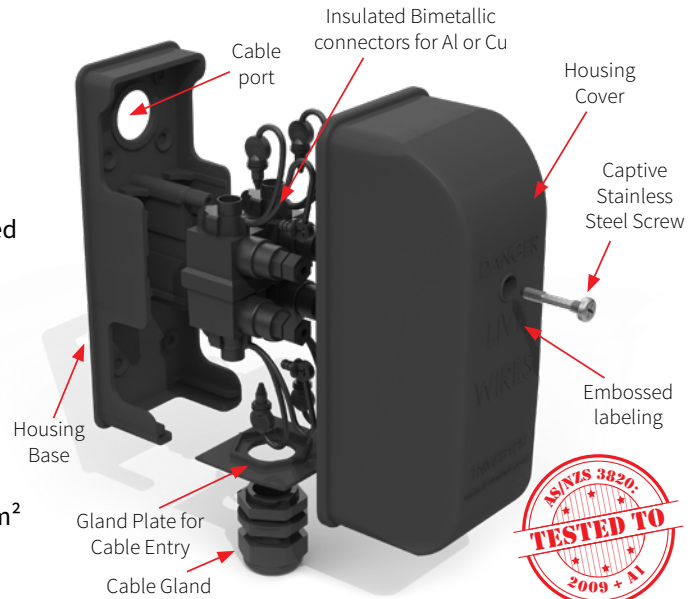
1, 2 & 3 PHASE

The faster, safer, easier-to-install Mains Entry Box

The mains entry termination has never been so safe, sleek or easy to install. Made of durable and UV stable black plastic, our Mains Entry Box has been designed to make installation of overhead mains entry points as safe, quick and as simple as possible.

FEATURES

- Main cable supported by gland in gland plate
- Gland plate perfect fit for conduit gland too
- Strip length clearly outlined on connector body
- Electrical test points and test point caps built into connector bolt for ease of testing
- Insulated bimetallic connectors will terminate AL/CU cables, 4mm²-35mm² range



SECURE SCREW

Captive Stainless Steel cover screw



UV STABLE PLASTIC

Won't shatter



SHEAR BOLT CONNECTIONS

Perfect connection every time



SAFER

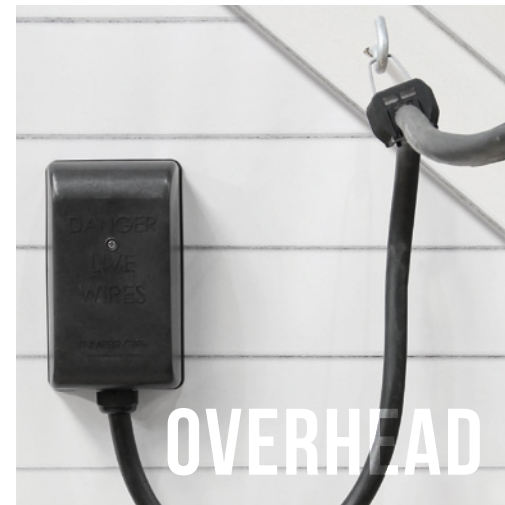
No bare parts



SAVE TIME

Make off connectors outside enclosure

INSTALLATION OPTIONS



USE WITH STRAIN CLAMPS

These LV strain clamps for neutral screen have wedge technology so the more the cable is pulled, the tighter the grip becomes. These clamps grip one cable from 9-25mm OD*.

Cable Type: Neutral screen

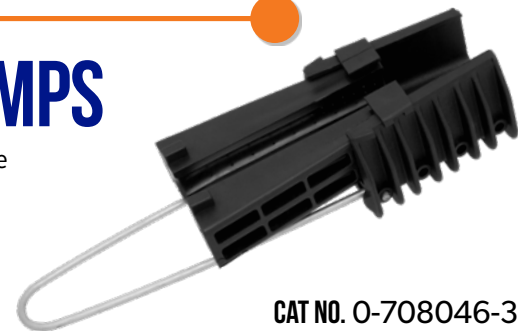
Body: Glass Filled Nylon

Straps: Stainless Steel

CAT NO. O-708018-1

Cable Size (AS3560): 18-25mm O.D.

*Combined range covered by both clamps



CAT NO. O-708046-3

Cable Size (AS3560): 9-17mm O.D.





ENVIRONMENTALLY SEALED HEATSHRINKABLE CRIMP CONNECTORS

DURASEAL

ENVIRONMENTALLY SEALED HEATSHRINKABLE
| CRIMP CONNECTORS |



FEATURES

- Crimp link inside sealant-lined heatshrink sleeve
- Adhesive lining enhances protective qualities
- Completely environmentally sealed - protects from water, condensation, salt, and corrosion
- Provides strain relief
- Protects against vibration
- Fully insulates connection
- UL, CUL and Lloyds listed

APPLICATIONS

- Automotive/truck wiring, repair, maintenance & accessory installations
- OEM automotive/truck wire harness fabrication
- Commercial wiring (pumps/pools/spas)
- Marine electronics
- Fleet maintenance
- Appliances



Sold in packs of 20

Raychem
from TE Connectivity



GUROSIL-GEL FILLED JUNCTION BOX

Designed to protect electrical connections from the ingress of water as found in rooms with high humidity effects as well as in outdoor applications. GUROSIL-Gel is a soft-elastic hardening, amber cold casting compound based on hydrocarbon resins.

FEATURES AND BENEFITS

- **Self-repairing** and **self-resealing**
- Quick, easy and clean to install using customary caulking guns - no special tools required
- Provides reliable protection against humidity, mechanical shock & vibration
- Soft-elastic, transparent
- IP68 proven casting system
- Easy to remove (GUROSIL-Gel)
- Electrical connections can be tested and repaired quickly even after installation
- Halogen, Silicon and Isocyanate free
- Environmentally friendly

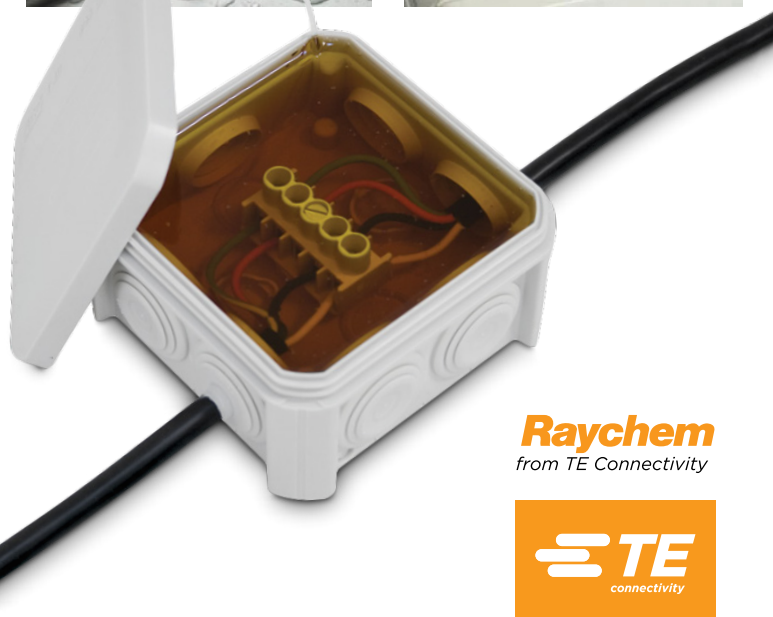


VIEW GUROSIL-GEL
TECHNICAL DATA

Durable waterproof connections



Easy and clean to install



Raychem
from TE Connectivity



Cat No.	Description
JOR-53800	JUNCTION BOX, TERMINAL STRIP & GUROSIL-GEL CARTRIDGE INCLUDES MIXER
JOR-53801	GUROSIL-GEL CARTRIDGE INCLUDES MIXER, 250ML

All Specials and Products featured in TRANSNET JUICE are available from all good electrical wholesalers.





Poly-View System™ Technology | Clear Polymer IR Window Optic | Versatile & Durable | Impact-Resistant | Guaranteed Against Transmission Loss

VPT SERIES

INFRARED WINDOWS

The world's only clear polymer IR window optic

POLY-VIEW™ OPTICS SYSTEM

The VPT Series utilises our exclusive Poly-View™ technology enabling visual inspections as well as traditional IR inspections across the entire Infrared spectrum. Ultraviolet (UV) inspection can also be performed via the Poly-View™ system.

FEATURES

- **Protected by an Unconditional Lifetime Warranty**
- **Stress Free Viewing** – The polymer-based infrared window maintains fixed and stable transmission (FAST) for life unlike crystal based infrared windows
- **Arc Containment Tested** – Successfully tested to the IEC 62271-200 standard for arc containment on metal enclosed switchgear assemblies
- **Durable and Rugged** – Polymer-based IR windows resist mechanical stresses applied to IR windows better than crystal-based IR windows
- **Any Camera, Any Task** – The exclusive industrial-grade, reinforced polymer optic will work with all ranges of Infrared, Ultraviolet and Visual Inspection Cameras
- **Proudly Made in the United States of America**
- **Anti-Fogging Optic** – Polymer optics don not experience a temperature differential across the optic like crystal optics do
- **Environmentally Sealed Design** – Seamless custom gaskets ensure the NEMA 4 / IP 65 ingress protection rating is maintained
- **Three sizes available in the VPT range**



CERTIFICATIONS

- IEEE C37 20.7 Type 2B, C37 20.2.a.3.6: Impact and Load
- IEC 62271-200, 60262271-200, 60298 Appendix A, 60068-2-6:2007, 60068-2-3, 62268-2-78:2012
- IP 65 / NEMA 4

Materials	
WINDOW HOUSING & COVER	UL 94 5VA NYLON (SWITCHGEAR-GRADE PLASTIC); -40°C (-40°F) TO 273°C (523°F); EASY-GRIP™ STAINLESS STEEL COVER
OPTIC	UL 746 COMPLIANT, VISUAL, UV AND IR TRANSMISSIVE POLYMER; -40°C (-40°F) TO 325°C (617°F)
REINFORCING GRILL	ALUMINIUM COATED WITH UL 94 5VA NYLON; -40°C (-40°F) TO 273°C (523°F)
GASKETS	UL 94 5VA TPE; -40°C (-40°F) TO 273°C (523°F)
HARDWARE	316 STAINLESS STEEL

Other	
USEFUL TEMPERATURE RATING	-40°C (-40°F) TO 200°C (392°F)
WATER & DUST INGRESS	IP65/NEMA 4: CLOSED & WHEN IN USE

Dimensions			
Model	Body Diameter	Window Diameter	Assembly Thickness
VPT-50	9.1 CM	5.1 CM	2.6 CM
VPT-75	12.1 CM	7.6 CM	2.6 CM
VPT-100	15.1 CM	10.2 CM	2.6 CM

Note: The dimensions listed above are not installation dimensions. Do NOT cut prior to receiving your IRISS window and installation template.



VLOC3-PRO

UTILITY LOCATOR

FEATURES

- Eight passive locate modes
- Color-coded EM distortion warnings
- Cloud-based data warehousing
- Internal data logging
- Configurable frequencies from 16Hz to 200kHz
- 50 million records including depth, current, frequency, mode, gain setting, & signal strength (GPS coordinates, date & time if Bluetooth active)
- Audio & mechanical vibration alerts can be configured to warn for shallow depth, overload, overhead cables, & excessive swinging
- IP65 & NEMA 4 rated

MODES

- Classic Locate (bar graph)
- Transverse Graph
- Plan View (omni-directional)
- Vector Locate (lateral position & depth)
- Sonde Locate

OPTIONAL EXTRAS

- Bluetooth module
- Plug-in EMS marker locator
- Radio link to receiver & transmitter



Standard set, other options available



Weatherproof speaker

High visibility 4.3"/10cm LCD

USB data port

Rechargeable Li-ion battery or six x AA Alkaline

Accessory & charging socket

High impact thermoplastic (ABS) injected moulded housings

Two sets of 3D antennas

POPULAR ACCESSORIES

Receiver



Fault Locator



Vehicle Charging Lead



Sondes



Remote Antennas

Transmitter



Rechargeable Battery Option



Ground Extension Lead



Live Plug Connector



Live Cable Connector



Induction Clamps

COMPATIBLE TRANSMITTERS



Loc-10Tx 10-Watt



Loc-5STx 5-Watt



Loc-5DTx 5-Watt Dual Output



Loc-1Tx 1-Watt



VM-550FF/VM560FF 1-Watt

DETERMINE BEFORE YOU DIG

Could there be utilities underneath here?



GO WITH THE FLOW

Ratio Shore Power Connectors



Auckland

78 Cryers Road
East Tamaki
Auckland
NEW ZEALAND
Ph 0800 442 182
Fax 0800 442 183
PO Box 39 383
Howick, Auckland

Wellington

10 Petone Ave
Petone
Wellington
NEW ZEALAND
Ph 04 576 2530
Fax 04 576 0040
PO Box 39 383
Howick, Auckland
NEW ZEALAND
sales@transnet.co.nz

TransNet Tonga

Nuku'alofa

Lakalakaimonu Multi Utility
Complex
Taufa'ahau Road
Poutaha
Nuku'alofa
TONGA
Ph +67 627 939
Fax +67 627 976
PO Box 2932
Nuku'alofa
TONGA
transnet@kalianet.to

Ratio
ELECTRIC

An approved, waterproof, stylish shore power connection system for your boat



Ratio Electric's Shore Power connection system is the marine standard. They have designed this system to offer a waterproof, stylish and approved shore power connection system for boats. Every marine product is designed to be user-friendly and still able to withstand the rigours of life at sea.

FEATURES

- Based on world standard for outdoor connections (IEC 60309)
- Boat inlet with mating connector (moulded or assembled)
- Cable connector includes a weatherproof sealing cap to ensure CE compliance
- Complies with AS/NZS 3004.2014
- IP56 watertight inlet connector with LED power indication in 16A or 32A
- 316 Stainless Steel or IP56 Polyamide inlet options

MERRY CHRISTMAS!

We'd like to take this opportunity to thank you for your continued support during a challenging year for everyone. Throughout lockdowns and despite border closures we were able to stay open and provide essential products whenever and wherever they were needed.

As always we never close – although there won't be anyone in the office on the stats, if you need us just call 0800 442 182 for assistance. Please note that courier companies are under increased pressure this year especially over the holiday period so order early to ensure you don't miss out.

From everyone at TransNet we hope you have a safe and happy festive season and enjoy the summer sun with your families and friends, and we'll see you back next year!

TransNet NZ Ltd has made every reasonable effort to ensure the accuracy of this information and it is to the best of our knowledge correct and reliable. Under no circumstances does this constitute an assurance of any particular quality or performance and users should independently evaluate the suitability of products for their desired application. All information in this publication including pricing, drawings, illustrations, images and graphic designs are reflections of our current understanding. TransNet NZ Ltd reserves the right to make any adjustment to this information at any time. Our liability for the products outlined in this publication is set forth in our standard terms and conditions of trade. In case of any potential ambiguities or questions, please contact us for clarification.

