

HV JUICE



Raychem LJTM Transition Joint Kits

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FREE

**FREE Earth
Cable Reel*
with MI3242**

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MI3242

MICROOHM 2A PORTABLE LOW RESISTANCE OHMMETER

MI 3242 MicroOhm 2A is a portable low resistance ohmmeter used to measure low resistances of switches, relays, connectors, bus bars & power distribution cable joints, amongst other applications.

MEASURING FUNCTIONS:

- Bidirectional resistance measurement from 1 $\mu\Omega$ up to 199,9 Ω with test current up to 2 A

KEY FEATURES:

- High overvoltage protection (CAT III / 600 V) for use in substations and other points with low line resistance.
- Internal protection circuit protects user and instrument from inadvertent connection to lines.
- 50 Hz / 60 Hz ripple detection and rejection.
- Internal battery enables more than 800 tests of 500 m Ω load ∞ 2 A test current & 15s test duration.
- Pre-programmed PASS/FAIL limits of test result, bright GREEN/RED LEDs provide visual result evaluation.
- Large 128 x 64 dots matrix display with backlight offers easy to read results and all associated parameters.
- Lightweight portable design.
- Internal memory holds up to 1500 timestamped results.
- PC SW HVLink PRO software to store/use test results.
- Comes in handy carry bag with calibration certificate

TECHNICAL DATA:

- Dimensions (w x h x l): 140 x 80 x 230 mm
- Weight (with batteries, without accessories): 1.0 kg



FREE GIFT

FREE MARTL78* WITH PURCHASE OF MI3242

This handy carry case reel contains a high quality continuity cable for earth testing. The cable can be easily retracted by winding it up much like a hose reel.

KEY FEATURES:

- 50m Green continuity cable
- Handy Reel
- Retractable tidy cable
- Easy to use
- Quick connectors

*For the months of April & May 2016 while stocks last





The new Raychem LJTM range of low voltage transition joints up to 1kV combines the characteristics of the well-known, time tested and reliable Raychem heat shrink technology with the advantages of TE mechanical shear bolt connectors.

The joints are designed on the basis of the guidelines of the new DIN 47640 standard, effective for low voltage inline joints and defining the compatibility between low voltage heat shrink tubing and mechanical connectors. The requirements of the standard are met by using the advanced Raychem WCSM insulation sleeves with larger application range and the newly developed Raychem BSLB mechanical shear bolt connectors.



FEATURES & BENEFITS

- LV jointing system, with focus on range-taking up to 300mm²
- Fixed application ranges, with clear allocation for selection of mechanical connectors
- Joints designed to meet modern requirements for LV accessories and to cover all relevant customer specifications for LV transition joints
- Use of the advanced Raychem WCSM insulation sleeves for unrestricted use of mechanical connectors
- Wall thickness of insulation sleeves optimised to ensure mechanical and electrical strength over connectors
- Shear-torque-controlled more reliable mechanical connectors
- No shelf-life issues with main components
- Easy and fast installation
- Five kits available to cover cable range: 10-300mm²

KIT NAME	APPLICATION RANGE mm ²	
	POLYMERIC CABLE	PAPER LEAD CABLE
LJTM-4X/010-050	4 x 10-50	4 x 10-35
LJTM-4X/035-095	4 x 35-95	4 x 25-70
LJTM-4X/070-150	4 x 35-150	4 x 35-120
LJTM-4X/095-240	4 x 95-240	4 x 95-185
LJTM-4X/185-300*	4 x 185-300	4 x 185-300

* This kit uses split-V mechanical connectors.



The redesigned RSTI elbow termination kits offer a faster and simpler way to install the stress control on larger cables up to 800mm². Recently the R&D team at Raychem added an assembly aid to all RSTI elbow kits to make installation easier.

You just need to prepare the cable as normal then place the white assembly aid over the cable so it is resting against the insulation, tape it in place and carry on with the install as you normally would. Once the stress cone is in place simply remove the tape and assembly aid and you're done – Simple!

BENEFITS

- Same quality elbows you're used to
- Faster and easier to install than ever before, especially on the larger cables
- Assembly aid in kits allows for easier stress cone install



MAKING THE CONNECTION THAT COUNTS



TO USE ASSEMBLY AID:

1. Prepare cable as normal
2. Place assembly aid over cable, resting against insulation
3. Tape in place and apply assembly lubricant
4. Slide stress cone into place
5. Remove tape and assembly aid



Raychem
from TE Connectivity

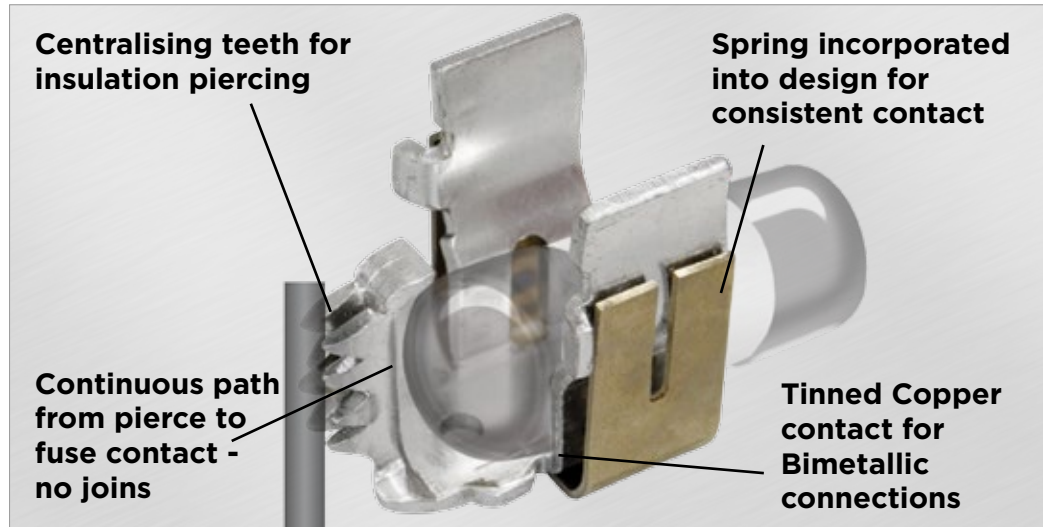


Michaud have a diverse range of products available to the market. From their factory and office based in France they work with distributors and asset owners all over the world to develop and improve fittings specific to purpose. One example of this is the K199 – TUDS service fuse. This fuse carrier was designed and tested by Michaud on our behalf to meet the requirements of an asset

owner here in NZ.

We have a variety of these high quality connectors in our store. All are IPC (Insulation Piercing Connectors) meaning installation is fast and hassle free. We have fused tap off connectors for hot water and streetlight services right through to 160A DIN LV Cutouts (pole mounted service fuses).

WHAT MAKES MICHAUD PRODUCTS SUPERIOR?



Centralising teeth for insulation piercing

Spring incorporated into design for consistent contact

Continuous path from pierce to fuse contact - no joins

Tinned Copper contact for Bimetallic connections

- Continuous electrical path from pierce point to fuse contact, there are no screws to loosen with heat cycling, there is one piece of machined material to make the connection between conductor and fuse link
- Spring element incorporated into fuse contact design for consistent contact
- Teeth designed to centre conductor for precise high pressure connection
- Sealed membrane at cable entry point which is pierced only when the cable is installed keeping the unit waterproof even before the service is connected
- Captured fuse carrier is retained in the body of the housing even without fuse link
- Greased contact points
- Various mounting options available, LV Cutouts are most commonly mounted on sturdy galvanised single (supplied with unit) or triple brackets (sold separately)
- Shearhead bolts to ensure correct torque is reached, providing a high pressure connection every time
- Bolt end won't damage stranded conductors
- UV Stabilised materials used for longevity

K292



6-95mm² cable, NH00 fuse link up to 160A

K291



6-95mm² cable, 22x58mm barrel fuse links up to 100A

K199



Cable 6-50mm², 22x58mm barrel fuse links, fully submersible IP65, up to 100A

K491



6-35mm² cable, 22x58mm barrel fuse links, up to 100A

K223



16-95mm² main cable, 1.5-10mm² tail, 10x38mm barrel fuse links, up to 20A



K293-TOOL

For Fuse Base Extraction

AVAILABLE NOW!

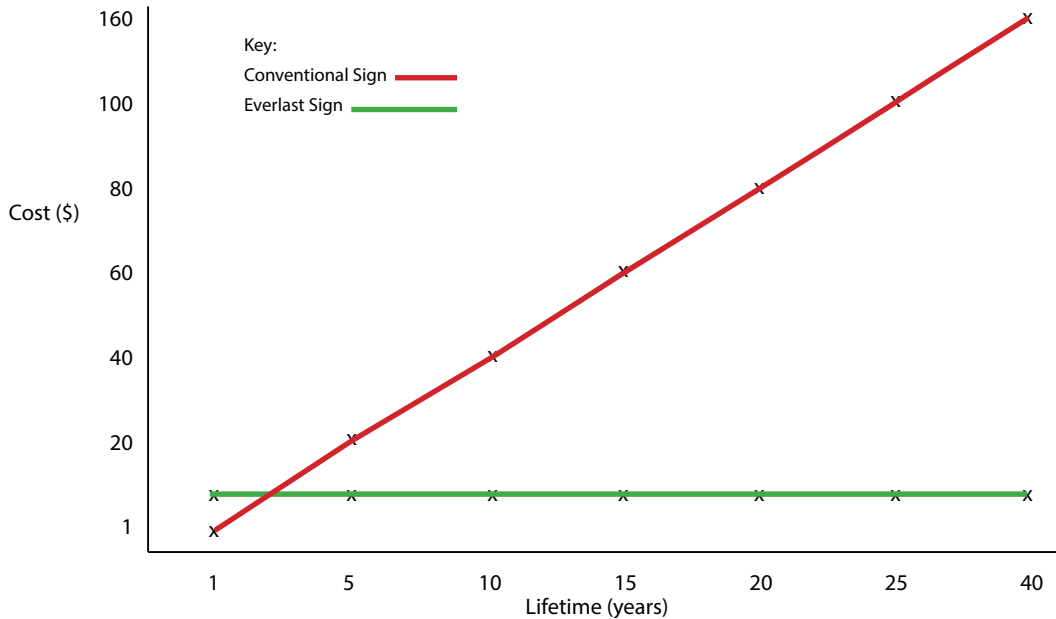


- Internal thread to suit K293 ganged fuse base
- Universal hotstick attachment
- Made from Alumide & Plastic mix for strength
- Lightweight
- Safer for the operator to operate from a distance

MICHAUD



WHAT'S THE TRUE COST?



\$160 over 40 years
Conventional Sign

\$5 over 40 years
Everlast Sign

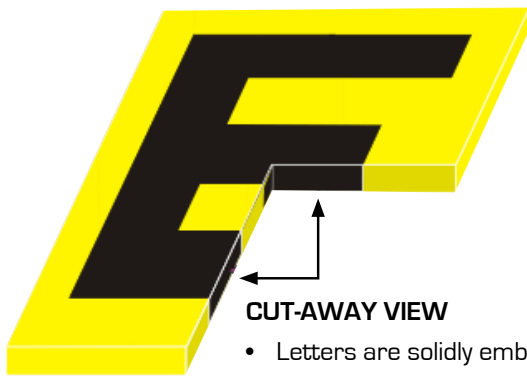
With the nature of our position on the map, New Zealand has one of the highest UV levels in the world. Not only do we have to protect our skin from the damaging effects of the sun, we need to be certain we use products that offer the best longevity and legibility when it comes to public safety and warning of dangers.

Historically we have had a busy maintenance schedule packed with

replacing signs that are no longer legible or have simply disintegrated, either because the materials they were made of are not UV stable or the inks used to print on them aren't. Either way, the cost of following yourself around replacing signs you only had installed 2-3 years ago is extensive. If you could source a product that remained legible for 30 years and ensured no maintenance was

required, would you not seriously look at it?

EVERLAST® by Tech Products has been around for decades. EVERLAST® signs are cleverly designed, injection moulded UV stabilised polypropylene plastic a 1/4" thick. These signs have been UL tested to withstand 30 years of tough environmental conditions with no change - they are true to their name EVERLAST®.



CUT-AWAY VIEW

- Letters are solidly embedded
 - Letters are molded-in
 - Letters go through the sign
- More durable than over 40 coats of paint!



EVERLAST withstands 30 years of Tough Conditions with no change.

Underwriters Laboratories Inc.

Test Results Prove!

UL performed numerous durability tests on EVERLAST signs in compliance with UP and ASTM standards. EVERLAST signs were subjected to 30 years worth of UV exposure, salt spray, vibration, abrasion, temperature variation, fumes and more.

Test results ... no change in colour or legibility. To receive a copy of the full UL report, please call us.

What This Means To You!

1. You won't have to go out into the field and replace signs!
2. You will make huge savings over the life of the sign.
3. You will reduce your legal liability.

EVERLAST® ... The Only Sign System to Undergo
UL Testing



**Whatever it says.....
Will it last?**

World's Most Durable Sign

1/4" Thick

UL Tested!
30 Years
No Change!

**Underwriters
Laboratories Inc.**

Indestructible
letters go
through the sign

Pay a little bit more in the beginning and:

- Save on maintenance crews replacing illegible signs
- Save on replacement costs of illegible signs
- Don't worry about public safety due to illegible warnings
- Free up your crews to take care of other important jobs



LV Disconnect Switches - Apator

160-1250A Vertical Disconnects



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Apator ARS Pro vertical DIN disconnectors are high quality European products, tested in Germany and used heavily throughout Europe. With a full range of both vertical and horizontal units, the Apator range is second to none.

FEATURES

Safety – Parallel moving contact system. Double clearance in each pole splits electric arc into two parts. Two arc chutes in each pole are equipped with metal plates that stretch and further split electric arc during switching off of the circuit. Such design greatly increases efficiency of arc extinction and provides controlled exhaust of arc plasma.

Plastics – Self extinguishing and non-drip, these units are made of halogen free, fibreglass reinforced materials.

Contacts – Silver plated electrotechnical Copper offers low power losses and high conductivity. Four contact areas mean less heat and wear. Arc horns reduce erosion.

Functionality – Fast installation to busbar, independently removable fuse link covers mean only opening the cover where the fuse link operated and fuse link can be changed without having to touch it. Voltage tests can be made through the test holes on the fuselink covers.

HEALTH & SAFETY FEATURES

- No need to remove entire switch from busbar - simply remove front housing for access
- Fuse is fully extracted when cover is opened ensuring no chance of contact
- Cover ensures safe removal of fuse link if it's hot, no need to touch fuse link
- Front cover can be changed out to offer individual or 3ph operation
- Large test holes to accommodate new CAT IV rating
- Lock the test hole to ensure public safety

Full range of accessories available

STANDARDS

- IEC/EN 60947-1
- IEC/EN 60947-3



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