



USER GUIDE LV TEST LAMPS

ELECTRICAL+INDUSTRIAL | TOOLS+TECHNOLOGIES

TMACTM
THEW &
McCANN
GROUP

ACTIVE INNOVATION



BEFORE YOU START

GENERAL PRECAUTIONS



Read and understand this guide before operating this equipment.

The TMAC LV Test Lamps only to be used only by qualified personnel and must be used in conjunction with the user's own working and safety procedures, without compromising the integrity of the Thew & McCann product supplied.

Follow all safety instructions contained within this guide.

QUALIFIED PERSON

A qualified person is one who is familiar with the installation, construction, operation or maintenance of the equipment and the hazards involved. In addition this person is competent, trained and authorized to undertake the work involved in accordance with established safety and working procedures.

SAFETY SYMBOLS USED IN THE GUIDE



Mandatory Action - This symbol indicates the action must be taken to avoid a hazard. Any information that follows this symbol must be obeyed to avoid possible harm.



Hazard Identification - This is a general warning sign. It is used to alert the user to potential hazards. Any information that follows this symbol must be obeyed to avoid possible harm.



Prohibition - This symbol indicates an action that must not be taken or must be stopped. Any information that follows this symbol must be obeyed to avoid possible harm.

SYMBOLS ON TEST LAMP



Both direct and alternating current.



Equipment throughout protected by double or reinforced insulation.

GENERAL INFORMATION

DESCRIPTION



Main Body

Clear Label

Keep clear of bare probe tips by holding one hand behind the handguard;
To improve visibility, shade lamps when used near bright light or in sunshine;

Wattage Sticker

When replacing the lamps only use the recommend Type. (see under maintenance for details)
Always ensure the wattage of the lamp matches the sticker.

Fuse Holder

When replacing the fuse only use the recommend Type. (see under maintenance for details)

Removable Probes

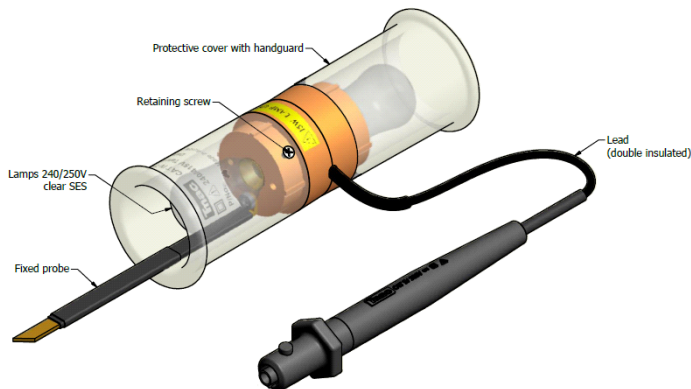
The probes are double insulated and rated to CAT IV 300V.

TMAC test lamps are used to indicate the presence of Live Low Voltage 240/415V potential. They are intended for use by trained & competent Electrical Personnel.

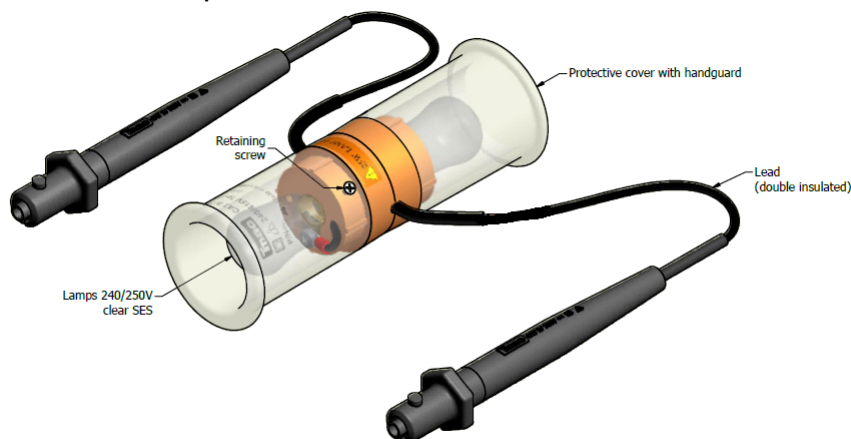
TMAC test lamps are Installation Category IV 300V rated for use on primary supply, overhead lines, cable systems and fixed installation. All TMAC Test Lamps are fused. They are used outdoors and indoors, but should not be used in direct precipitation, or in explosive environments.

PRODUCT INFORMATION

Single Probe Test Lamp



Twin Probe Test Lamp



160 mm Long 2mm Probe	Standard 2mm Probe	6.3x1.5mm Chisel Probe	6.3x1.5mm Rounded Probe

Probes (probes supplied will vary depending on model purchased, additional probes are available for purchase separately)



2mm tip
TM12764



Chisel tip
TM12770



1.2mm tip
TM12773



2mm tip – 170mm Long
TM127690



Peg Probe (250mm, 2m or 3m)
TM12677, TM12678 or TM12679

SAFETY



Observe all relevant Regulations & Operating Procedures;

Prove the operation of the test lamp both before & after test on either a known LIVE source or use the TMAC Test Lamp Tester



Test Lamp Tester (optional accessory)

Never use a Test Lamp Tester that does not match the wattage of the Test Lamp. Ensure the model matches the wattage of the Test Lamp by checking the wattage label on both the Test Lamp Tester and Test Lamp.

BEFORE USE

Visually inspect test lamps prior to use. Check insulation on the lead/s, probes & fuse holder. Check lamps, protective cover & retaining screws. Remove from service if defective or damaged.

OPERATION

1. Ensure the Test Lamp is in clear view;
2. Hold or Clip the selected probe around the test point;
3. Place the other probe against the other test point;
4. Lamp glow indicates existence of voltage between probes: Dull light – 240V/Bright light – 415V

STORAGE

The Test Lamps need to be stored in a dry clean place ensuring that the lamps and leads are not damaged by tools or other equipment.

ROUTINE MAINTENANCE & INSPECTIONS



This equipment must be isolated or disconnected from Hazardous Live Voltage before access.

APPROVED LAMP: 240V AC, 25W or 15W, CLEAR SES. (check wattage label to determine the required lamp)

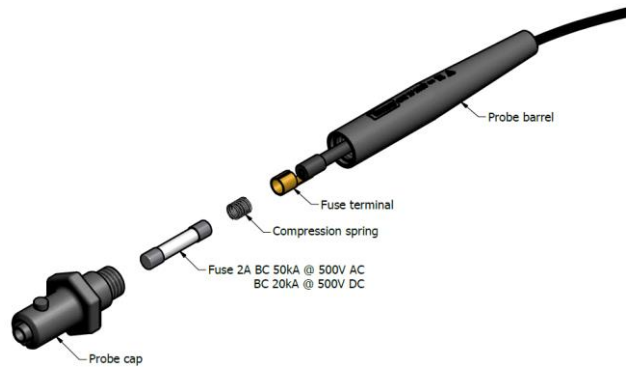
APPROVED FUSE: 2A 500V, BC 50kA@500V AC, BC 20kA@500V DC

TO CHANGE LAMPS:

Remove retaining screws, remove protective cover, unscrew faulty lamp. Replace with approved lamp of the correct wattage and securely tighten. Replace protective cover & replace retaining screws.

TO CHANGE FUSE:

Loosen probe cap with socket or spanner and remove. Take fuse from fuse holder. Clean contact ends of approved fuse & replace. Ensure the compression spring is in place. Screw probe together and retighten with socket or spanner.



CLEANING:

Use a damp rag only. Do not use solvents.

SPARE PARTS



Approved Lamp: 240V 25W Clear SES
TM12745



Approved Lamp: 240V 15W Clear SES
TM12748



Approved Fuse: 2A
TM12746



Probe Cap
TM12755

OPTIONAL ACCESSORIES



The accessories below are not for use on Mains voltage.

TEST LAMP TESTER



The **TMAC Test Lamp Tester** is available to test the resistance of the test lamps. The Test Lamp Tester operates on a standard 9V battery, and is used to prove the test lamps when no live supply is available.

NOTE: The Test Lamp Tester is NOT a continuity tester – it confirms with audible & visual indication that the lamp resistances are within the correct range, and will NOT indicate if lamp is open or short-circuited.

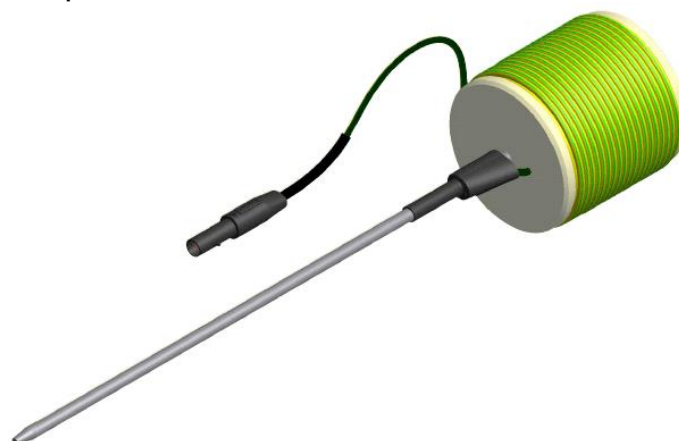
Product Codes: TM12786 for 25W Test Lamps
TM12785 for 15W Test Lamps

Test Extension Reel



Product Code: TM12777-20M

Test Spool



Product Code: TM12781

REPAIR

The end user must not repair or modify any component associated with this device without written permission from TMAC

If repair is required contact TMAC.

TMAC

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DEFECTS / WARRANTY

DEFECTS

Goods are warranted to be free from defects. Provided they have been used strictly as recommended and subjected only to fair wear and tear, Goods (including parts within) which are found to be defective within 90 days after delivery to the Buyer will be repaired or replaced at the option of the Seller and at its expense. Repair or replacement by the Seller is the exclusive remedies of the Buyer

WARRANTY

To the maximum extent permitted by law, the Seller makes no warranties, either express or implied, as to merchantability, fitness for purpose or otherwise with respect to the Goods other than in paragraph above and as required by statute. The Seller is not liable for any prospective profits or special, indirect or consequential damages or any general loss or damage, or for any expense resulting from use by the Buyer or others of defective Goods. The Seller's liability is limited to no more than the sale price of the Goods plus replacement delivery charges. Prior authority for the return of goods is required by the seller.

Please contact the seller by email sales@tmacgroup.com.au, phone 07 3826 6000 or fax 07 3826 6066 for claims related to defective / warranty of goods provided.

FOR THE FULL TERMS AND CONDITIONS PLEASE REFER TO TMAC "STANDARD TERMS OF TRADE"