



Single Phase Meter Load Unit

9 Amps

User Guide

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 TM12055 (MLU – 9 Amp) is to be only used by qualified personnel and must be used in conjunction with the user's own working and safety procedures, without compromising the integrity of the TMAC 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



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.

GENERAL INFORMATION

DESCRIPTION

A small portable device for creating a temporary load on a single phase meter.

SAFETY – BEFORE USE

- Always conduct a proper inspection prior to use
- Do not use the Load Unit if it is damaged or faulty
- Ensure the Test Leads have a minimum rating of 600V CATIII.



Hazard Identification – The operator must not operate the load unit above its rated voltage.

DO NOT CONNECT PHASE TO PHASE.

Always disconnect the unit from the supply prior to replacing the fuse.

- Do not operate the load unit continuously for more than 5 minutes
- The Load Unit is not designed for continuous use
- Do not leave the unit unsupervised
- Do not obstruct the air intake and exhaust vents
- Do not operate the load unit in wet areas



- Do not use near flammable sources
- Keep clear of the hot air exhaust.



Hazard Identification - OPERATING VOLTAGE - 240V 50Hz
DO NOT LEAVE THE UNIT UNSUPERVISED WHILE RUNNING

OPERATION

1. Place the Load Unit in a position where the air intake is clear and the hot exhaust is facing away from personnel, or objects that could be damaged by the heated exhaust
2. Plug the test leads into the corresponding coloured terminals on the load unit. Ensure the switch is off
3. Connect the leads to the apparatus to be loaded
4. Turn on the Load Unit
5. Check that the red LED is lit; this confirms that both load elements are functioning and drawing current
6. Perform required checks on the loaded equipment
7. Turn off the Load Unit prior to disconnecting from the live source.

ADDITIONAL INFORMATION

The heating elements are protected by a thermal overload switch.

This switch will interrupt supply to the heating elements once the temperature reaches 100°C. The circuit is restored once the elements cool down. If the thermal overload operates, switch off the unit and disconnect from the mains supply; check for any obstructions to the air flow and make sure the unit is not resting with the intake vents facing down. Allow 10 minutes for the unit to cool down, and then resume normal operation.

SPECIFICATIONS

TMAC Product Code: TM12055 - Single Phase Load Unit	IEC 61010: 300 Volts CAT IV - 9.0 Amps
Operating Voltage: 240V 50Hz	Power Consumption: 2400W
Degree of Protection: IP20	Insulated PVC Box
On/Off Switch	CAT III 1000V Insulated Sockets
Fuse: 240V, 10A, BC 50kA	Thermal Overload Protection

Carry Bag

PVC Reinforced bag with detachable Velcro pocket

Test Lead Set (where supplied)

TM12667 - 1 Pair Double Insulated TEL-AL11-7 Lead Assemblies CAT III-600V

TM12598 - 1 Pair Fully Insulated AL-25C Crocodile Clips - CAT III-600V

TM00538 - 1 Pair Flat Blade Test Probes CAT III-1000V / CAT IV-600V

TM11941 - 1 GPO to banana plug adapter - CAT III-240V

CLEANING

Use a dry, clean rag, do not use solvents.

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"