



Single Phase Load Unit 5 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 Single Phase Load Unit 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.



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.

GENERAL INFORMATION

DESCRIPTION

A small portable device for creating a temporary load on a single-phase meter to determine the correct operation.

- OPERATING VOLTAGE - **240V 50Hz**



Prohibition – The meter is **NOT** to be used for meter calibration.

SPECIFICATIONS

Single Phase Load Unit	IEC 61010: 600 Volts CAT III - □ 5 Amps
IP20	Insulated PVC Box
Operating Voltage: 240V 50Hz	Power Consumption: 1200W
On/Off Switch	CAT III 1000V Insulated Sockets
Fuse: 240V, 6.3A, BC 50kA	Thermal Overload

Components:

- Single Phase Load Unit
- Carry Bag – PVC Reinforced bag with detachable Velcro pocket.

TEST LEAD SET (WHERE SUPPLIED)

IEC 61010 Rating: 1000 Volts CAT III - □ 20Amps

- 1 Pair Double Insulated Silicone Lead Assemblies.
- 1 Pair Short Probes
- 1 Pair Fully Insulated Crocodile Clips



SAFETY PRECAUTIONS:

BEFORE USE

- Always conduct an 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.

WHEN USING

The operator must not operate the load unit above the rated voltage. Do NOT connect phase to phase.

- Do not continuously operate the load unit for more than 5 minutes. It is not designed for continuous use.
- Do not obstruct the air intake and exhaust.
- Do not operate the load unit when it is raining. It is not weatherproof.
- Do not use near flammable sources.



Hazard Identification - Keep clear of the hot air exhaust. **Always Disconnect from the supply before changing the fuse.**

OPERATION

1. Put the load unit in the bag over your shoulder and ensure the hot air exhaust is facing away from you.
2. Plug the test leads into the corresponding coloured terminals on the load unit. *Ensure the switch is off.*
3. Connect one lead with a crocodile clip to the neutral bar of the installation.
4. Place the other lead with a probe onto the load side of the single-phase meter.
5. Turn on the Load unit.
6. Observe the meter operation.
7. Turn off the Load unit prior to disconnecting from the live source

CLEANING

- Use a dry, clean rag.
- Ensure intake and exhaust are clear of any obstruction.
- 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

45 Enterprise St Cleveland

QLD 4163 Australia

Tel: (+61) 07 3826 6000

<http://www.tmacgroup.com.au/>

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"