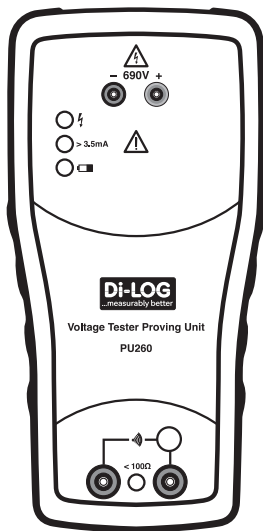


Di-LOG

Instruction Manual

PU260

Voltage Tester Proving Unit
with Continuity Tester



CE

Contents

- 1.0 Introduction/scope of supply
- 2.0 Transport and storage
- 3.0 Safety references
- 4.0 Control elements and connections

References marked on the instrument or in instruction manual:



Warning of a potential danger, follow instructions in this manual.



Reference ! Please use utmost attention.



Caution ! Dangerous voltage. Danger of electrical shock.



Continuous double or reinforced insulation category II IEC 536 / DIN EN 61140



Conformity symbol, the instrument complies with the relevant directives. It complies with EMC Directive (2004/108/EEC), Standards EN 61326 – 1 : 2006. It also complies with the Low Voltage Directive (2006/95/EEC), Standards EN 61010-1 and EN 61010-031 are fulfilled.



The PU260 meets the standard (2002/96/EEC) WEEE. This marking indicates that this product should not be disposed with other household wastes throughout the EC. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product purchased. They can take this product for environmental safe recycling.



The instruction manual contains information and references, necessary for safe operation and maintenance of the instrument. Prior to using the instrument the user is kindly requested to thoroughly read the instruction manual and comply with it in all sections.



Failure to read the instruction manual or to follow with the warnings and references contained herein can result in serious bodily injury or instrument damage. The respective accident prevention regulations established by the professional associations are to be strictly enforced at all times.

1.0 Introduction / Scope of supply

You have purchased a high quality test instrument which will allow you to carry out tests over a long time period.

The instrument is characterised by the following features:

- Portable, battery powered Proving Unit for testing Two Pole Voltage Testers up to 690 V
- Continuity Tester for testing: fuses, fused test leads etc.
- Additional touch electrode for quick testing of fused leads
- Optical and acoustical continuity indication
- Low Battery indication
- Incl. rubber holster.

Scope of Supply:

1 pc proving unit
10 pc batteries 1.5V AA
1 pc. Instruction Manual

2.0 Transport and Storage

Please keep the original packaging for later transport. Any transport damage due to faulty packaging will be excluded from warranty claims.

In order to avoid instrument damage, it is recommended to remove batteries when not using the instrument over a certain time period. However, should the instrument be contaminated by leaking battery cells, you are kindly requested to return it to Di-Log for cleaning and inspection.

Instruments must be stored in dry and closed areas. In the case of an instrument being transported in extreme temperatures, a recovery time of minimum 2 hours is required prior to instrument operation.

3.0 Safety References



The operator's safety is no longer ensured, the instrument is to be put out of service and protected against use. Safety may be compromised if the instrument:

- Shows obvious damage
- Does not carry out the desired measurements
- Has been stored for too long under unfavourable conditions
- Has been subjected to mechanical stress during transport.

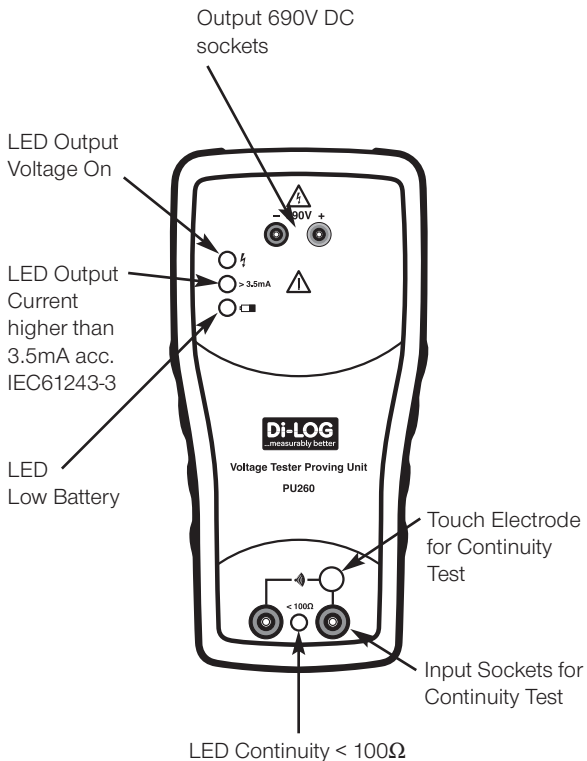


The instrument may only be used within the operational ranges a specified in the technical data section.



Avoid any heating up of instrument by direct sunlight to ensure perfect functioning and long instrument life.

4.0 Control Elements and Connections



Continuity Testing

Connect test leads across the input sockets for continuity testing. If the lead resistance is below 100Ω the continuity LED will illuminate and the buzzer will be audible.

The touch electrode enables quick testing of fused leads.

Proof Testing

Insert the voltage tester probes into the output sockets (690V DC). Apply sufficient pressure to ensure a good connection. Check the voltage indication on the voltage tester under test.

Ensure the output voltage LED is on during the test.

N.B.

Please note the output voltage may not be 690V and will depend upon the load applied by the voltage indicator.

TECHNICAL DATA

LED DISPLAY

- Voltage 690V DC
- Output Current higher than 3.5 mA
- Low Battery
- Continuity Test

VOLTAGE TEST

Output Voltage	690V DC /
	$\geq 200 \text{ k}\Omega$ load
Test Current	$\leq 3,5 \text{ mA}$

CONTINUITY TEST

Continuity Range	$< 100 \Omega$
Test Current	approx. 1 mA

Temp. Range:	0.40°C/max.70% r.H.
Power Supply:	10 x 1.5 V IEC LR6
Dimension:	220x110x40mm (approx)
Weight:	650g. (approx)

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