

TENMA®



Phase Sequence Indicators

Model: 72-3515

Please read these instructions carefully before use and retain for future reference.

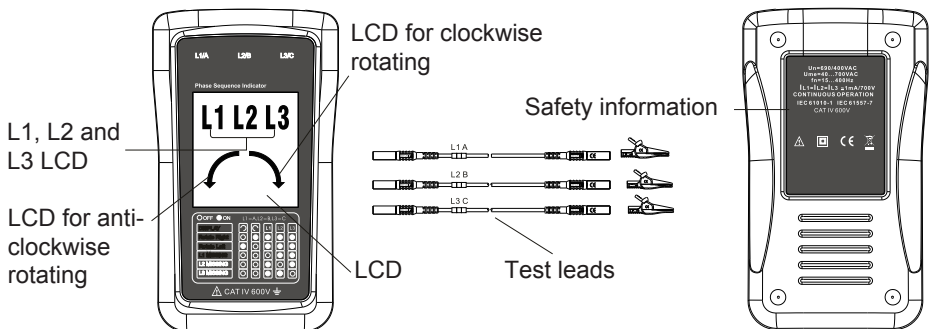
IMPORTANT SAFETY INFORMATION

- When using electrical appliances basic safety precautions should always be followed.
- Wear personal protective equipment to avoid electric shocks and other injuries.
- Check whether the insulators of the test leads are damaged or have any exposed metal. Inspect the continuity of the test leads. If any test lead is damaged, replace it.
- Be very careful if the voltage is a true RMS of 30V AC, or 42V AC as peak, or 60V DC because these voltages are always likely to cause electric shocks.
- When using a probe, place fingers away from its contact and behind the finger protection device.
- The impedance generated by the transient current of the extra operating circuit connected in parallel will possibly affect the measurement adversely.
- Before measuring a dangerous voltage, such as a true RMS of 30V AC, or 42V AC, or 60V DC, make sure that the product is operating normally.
- Do not use any part of the product if it has been dismantled.
- Do not use the indicators close to explosive gases, steam or dust.
- Do not use in a humid environment.
- There are no user-serviceable parts in this product. Refer all servicing to qualified personnel.
- When cleaning, do not use any chemicals, abrasives or solvents that may damage the product.

WHAT'S INCLUDED

- One host machine
- One user manual
- Three testing leads
- Three alligator clips
- Bag

PRODUCT OVERVIEW



MEASUREMENT DIRECTION OF THE ROTATING MAGNETIC FIELD

It is necessary to measure the direction of the rotating magnetic field in the following way:

- Insert terminals L1, L2 and L3 of the test pen into the L1, L2 and L3 holes respectively.
- Insert the other terminal of the test pen into the alligator clip.
- Allow the alligator clip access to the phases of the three power cables to be measured.
- Afterwards, the LCD will automatically display the sequence of L1, L2 and L3.

SPECIFICATION

Environment	
Working temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage temperature	0°C ~ 50°C (32°F ~ 122°F)
Elevation	2000m
Humidity	≤95%
Pollution protection grade	2
IP grade	IP40
Mechanical Specification	
Dimensions	123 x 71 x 29mm (4.8 x 2.8 x 1.1in)
Weight	160g
Safety Specification	
Electrical safety	Comply with IEC61010/EN61010 & IEC61557-7
Max. operating voltage (Ume)	700V
CAT grade	CAT III 600V
Electrical Specification	
Power supply	Provided by the measured device
Nominal voltage	40VAC - 700VAC
Frequency (fn)	15Hz - 400Hz
Current Induction	1mA
Nominal test current (subject to each phase)	1mA

CLEANING & MAINTENANCE

- Refer servicing to qualified personnel.
- Prior to cleaning, ensure all of the test leads have been removed.
- Use a clean, soft, dry cloth to remove any dust.
- Do not use any chemicals, abrasives or solvents that may damage the product.



INFORMATION ON WASTE DISPOSAL FOR CONSUMERS OF ELECTRICAL & ELECTRONIC EQUIPMENT.

When this product has reached the end of its life it must be treated as Waste Electrical & Electronic Equipment (WEEE). Any WEEE marked products must not be mixed with general household waste, but kept separate for the treatment, recovery and recycling of the materials used. Contact your local authority for details of recycling schemes in your area.

