



PHASE DETECTOR

ATK-6010

Users Manual



Features

Phase detector is a compact and portable tool for quick phase sequence check. Clip leads are color-marked to match the dial to give the quick indication of phase sequence. It can give long time stable performance under proper operation. For first-time user, please check out this manual before get started using the instrument.

Inspection and Maintenance

Preliminary Checks

- 1) Before using the product the first time, verify that it operates normally to ensure that the no damage occurred during storage or shipping. If you find any damage, contact your local dealer.
- 2) Before using the product, make sure that the insulation on the cables and the protective tube of the fuse holder is undamaged and that no bare conductors are improperly exposed. Using the product in such conditions could cause an electric shock.

Maintenance and Service

- 1) To clean the product, wipe it gently with a soft cloth moistened with water or mild detergent. Never use solvents such as benzene, alcohol, acetone, ether, ketones, thinners or gasoline, as they can deform and discolor the case.
- 2) To verify that the product operates normally, connect the tester to a three-phase power supply with correct phase sequence and make sure that the indicator dial rotates in the direction of the arrow.

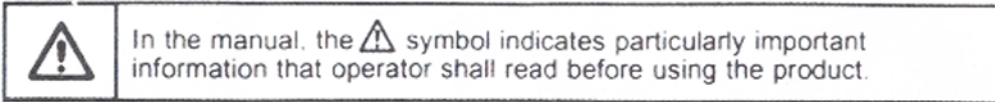
SPECIFICATIONS

| | |
|-------------------------------------|--|
| Voltage range: | 110 to 480V |
| Permissible time limits: | 110V: continuous/220V: 30 min./480V: 4 min. |
| Frequency response: | 40 to 70Hz |
| Inclination variation: | +/-15°/horizontal |
| Operating temperature and humidity: | 0°C - 40°C(32°F to 104 °F) 70% RH (non-condensating) |
| Storage temperature and humidity: | -10°C - 50°C (14°F - 122°F) 70% RH (non-condensating) |
| Dielectric strength: | 2000 VAC for 1 min. (between circuit and product, at 50/60Hz) |
| Insulation resistance: | 100MΩ (between circuit and product) |
| Clip leads length: | 1.2m |
| Accessories: | Carrying case, instruction manual, fuse(FF0.5A/700V) |
| Dimension and weight: | 70W x 95H x 55D mm/280g |

SAFETY CAUTIONS

Following safety caution symbols are used in the manual, read carefully where they appear to avoid potential human injury:

Safety Symbol



The following symbols in the manual indicate the relative important cautions and warnings.

⚠ DANGER

Indicates that improper operation will lead to extreme hazard that could be lethal to the operator.

⚠ WARNING

Indicates that improper operation will lead to significant hazard that could be lethal to the operator.

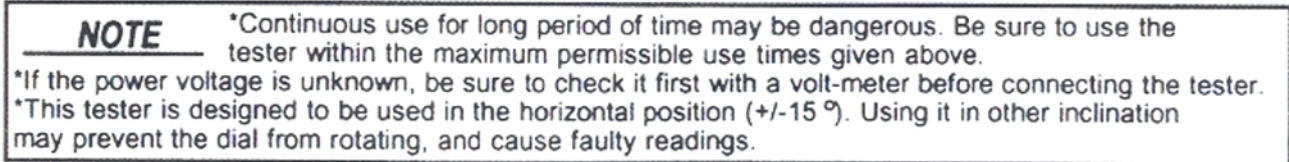
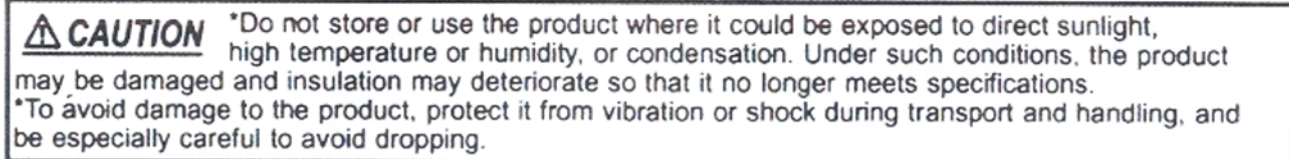
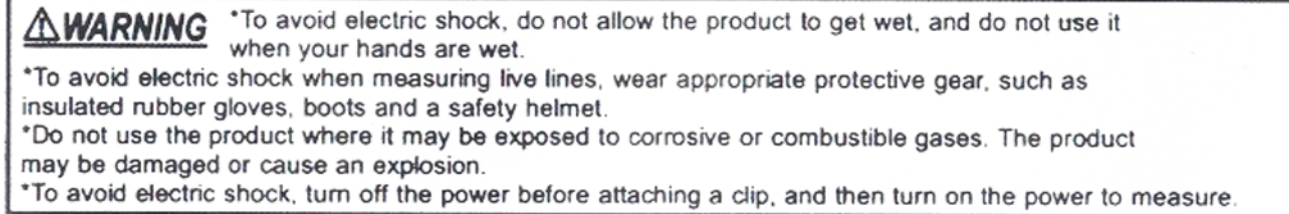
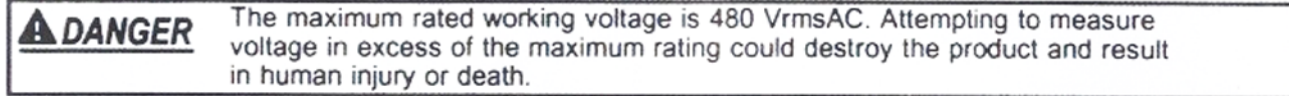
⚠ CAUTION

Indicates that improper operation will lead to possible injury to the operator or damage to the product.

NOTE

Advisory items related to the performance or proper operation of the product.

USAGE NOTES



OPERATION INSTRUCTIONS

Connect the tester to a three-phase circuit. If the dial rotates in the direction of the arrow, the phase connection order is RST.

