

OPERATION MANUAL

Part No. Z1-000-661, I0028401

Oct 2020

WARNING LIGHT UNIT

PL01-TOS

Warning Light PL01-TOS provides the function which will inform a user that a Withstanding Voltage or Insulation Resistance Tester is in the testing mode. This unit can be used with Kikusui's Withstanding Voltage or Insulation Resistance Tester which output their testing mode state by contact signal or 100 VAC signal.

⚠ CAUTION

- Do not use PL01-TOS for except the Testers that Kikusui specifies.
- If you operate two or more Warning Light units using one contact point (when PL01-TOS is turned ON/OFF by the contact signal of the Tester), polarity conditions may blow a fuse or prevent the units from functioning properly.
- A rubber magnet is attached to the bottom of PL01-TOS to fix the unit in place. However, do not place the unit on a slanted surface, uneven surface, or a place with vibrations. The rubber magnet cannot withstand strong shock. Be careful not to drop the unit by carrying out acts such as yanking on the connection cord.
- If the cover needs cleaning, gently wipe using a soft cloth with water-diluted neutral detergent. Do not use volatile solvents such as thinner or benzene.

NOTE

- PL01-TOS is designed so that it can be used with the Tester. Before using the unit, read WARNING and CAUTION descriptions in the Tester operation manual thoroughly.

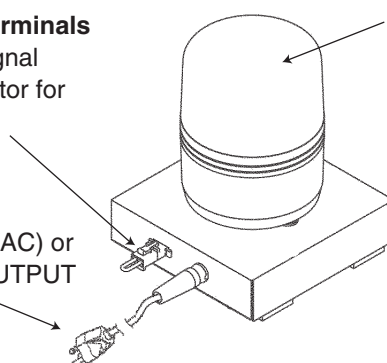
Names of Parts

Contact signal input terminals

Connects the contact signal connector or the connector for shorting.

Power cord

Connects AC line (100 VAC) or the STATUS SIGNAL OUTPUT of the Tester.



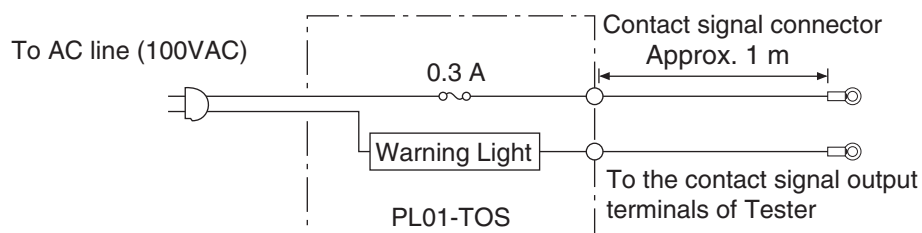
Cover

Illuminates in red when the Tester is operating in testing mode.

Operation with Contact Signal Output

⚠ WARNING

- 100 VAC is output at the crimping terminal during operation. Therefore, be sure to unplug the AC power cord of PL01-TOS from the AC line before you connect the crimping terminal to the Tester. Do not touch the connector terminal during operation.
- Do not insert the power plug to an outlet where accessibility to the plug is poor. And, do not place objects near the outlet that would result in poor accessibility to the plug.

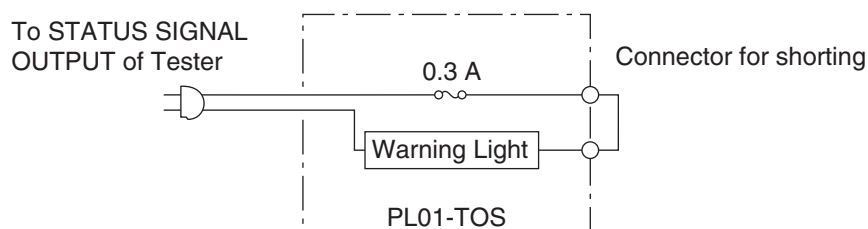


Connection Procedure

1. Connect the supplied contact signal connector (with crimping terminal) to the contact signal input terminals of PL01-TOS.
2. Connect the crimping terminal to the contact signal output terminals of the Voltage Tester.
3. Connect the power cord to an AC line (100 VAC).

Use PL01-TOS in accordance with the operation manual of the Tester.

Operation with 100 VAC Signal Output



Connection Procedure

1. Connect the supplied connector for shorting to the contact signal input terminals of PL01-TOS.
2. Insert the unit's AC power plug into the STATUS SIGNAL OUTPUT of the Tester.

Use PL01-TOS in accordance with the operation manual of the Tester.

Specifications

Power requirement	100 VAC, 50/60 Hz
Power consumption	Max. 8 VA
Withstanding voltage	840 VAC (2 seconds), between AC line and chassis
Dimensions	Max. 145(W) x185(H) x150(D) mm
Weight	Approx. 1.1 kg
Accessories	Operation Manual Connector for shorting Contact signal connector

NOTE

- The operation environment and safety of PL01-TOS conform to those of the Tester.