

Model 57286 OPERATOR'S INSTRUCTION MANUAL

LINE SPLITTER

SAFETY INFORMATION

Users must read the safety instructions before using in order to keep the body safe and prevent from destroying the meter.

1. Please check that there is no damage of meter cover and insulation part.
2. Overload shouldn't be put more than AC 250V 15A in order to avoid electrical shock or danger.
3. Don't open the back cover to avoid damaging insulation
4. Power should be put disconnected before removing the test leads or overload plug and ending testing.

GENERAL DESCRIPTION

This instrument is a special accessory for clamp meters which can be used to measure current conveniently without destroying the insulation part of equipment power line, it can also be used to test parameter of working



voltage





of equipment with a digital multimeter. It's a necessary tool for electrical engineering testing. Its construction is exquisite and conveniently designed by operation as well. It's designed according to IEC1010 standard.

FEATURES

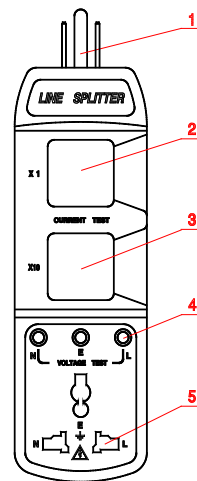
1. Safety standard is fit for IEC1010.
2. Maximum overload: AC 250V 15A.
3. Working condition: temperature: 0 - 40°C; humidity: ≤ 90%
4. Storage environment: temperature: 10-50°C; humidity: ≤ 90%
5. Dimension: 176x50x34 mm
6. Weight: approximate : 110g
7. Accessories: users' manual

SAFETY SYMBOLS

-  Important safety information, refer to the operating manual.
-  Dangerous voltage may be present.

-  Double insulation
-  Earth ground
-  Live wire of inner connection power
-  Neutral line of inner connection power

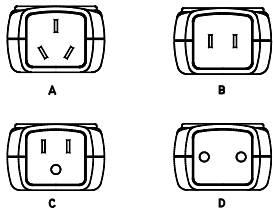
FRONT PANEL



FRONT PANEL DESCRIPTION

1. Power plug:

There are four different types of standard plug which can be chosen, they are:



⚠ All the permitted overload: AC 250V 15A

2. "x1" current terminal:

Testing the real working current.

3. "x10" current terminal:

Magnify the current reading 10 times.

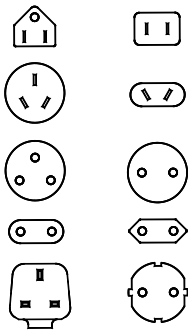
4. Testing hole of voltage:

Measure the working voltages of equipment.

5. Overload socket

⚠ The maximum overload is: AC 250V 15A,

It's multiple socket design is suitable for different standard plugs of the country. The main types are the following:



OPERATING INSTRUCTIONS

CURRENT TESTING

⚠ The maximum overload is AC 250V 15A.

1. Put the overload plug into the multiple socket and the plug should be put into the

end to keep a safe and assured connection.

2. Put the line splitter plug into the power socket with a secure connection.

3. Clamp the line splitter to test terminal of current and get the current reading.

⚠ Different terminals can be used according to different current.

Take "x1" can get normal load current.

Take "x10" can magnify testing current 10 times to increase current resolution.

⚠ The error of clamp meter itself will influence the testing degree of accuracy, so please choose the clamp meter in high accuracy.

VOLTAGE TESTING

1. Put the overload plug into multiple-socket.

2. Put the line splitter plug into power socket.

3. Put the function change switch of DMM into the AC 600V range, put the test lead into "L"."N" of "voltage test" hole

and the overload working voltage can be read.

POWER TESTING

1. Put the overload plug into multiple-socket.
2. Put function change switch of DMM into AC 600V range. Put the test lead into "L"."N" of "voltage test" hole.
3. Put the line splitter plug into the power socket.
4. Clamp the line splitter to suitable testing terminal.
5. Clamp meter and digital meter can be read respectively, and the power can be obtained from the following formula: $P=U \cdot I$