Multimetrix®

VT 35

Instruction manual

Tester for outlets
and GFCI from 10mA to 30mA

Multimetrix®
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General information

Precautions and safety

You have purchased the socket outlet and earth leakage circuit breaker tester VT 35 and thank you for your trust.

The VT 35 You can ansog 2-pin sockets with protective earth (SCHUKO doses). and to determine whether the outlet is properly connected to the electrical system TT systems (it is assumed that the electrical system itself is fine).

You can also use the VT 35 Residual current circuit breakers (RCCB) Check with a tripping current of 10 mA to 30 mA.

Note when using the air conditioning and the storage conditions. The grid and portable device designed for the following conditions:

- Indoor use
- In environments of pollution degree 2
- Up to 2000 m
- At temperatures of +5 ° C to +40 ° C

The device is only suitable for systems up to 230 V of Appendix II category.

Asset classes in accordance with IEC 664-1

CAT I: Circuits that provide protection so that the surges are limited to a low level.
Example: protected electronic equipment

CAT II: Circuits for domestic appliances or similar devices, where over-voltages medium height may occur.
Example: flat, portable power tools, etc ...

CAT III: Circuits for high-performance machines, industrial plants, etc ..., can in which large power surges.
Example: industrial machinery, factory equipment, etc ...

CAT IV: Circuits in which very large can power surges.
Example: network terminals, distribution centers, etc ...

Symbol  (The unit is disposed properly, do not throw in the household waste) (Directive 2002/96 / EC)

Cleaning

For cleaning disconnect and turn off the power of all ports. Clean with a damp cloth and some soapy water, never use abrasives or solvents. Make sure that the unit is dry before re-use.

Guarantee

The unit is guaranteed in accordance with the terms and conditions against material and manufacturing defects.
During the warranty period (1 year), the device may only be repaired by the manufacturer, who reserves, service the unit of to replace all or part of.
The cost of returning the product to the manufacturer shall be borne by the buyer.

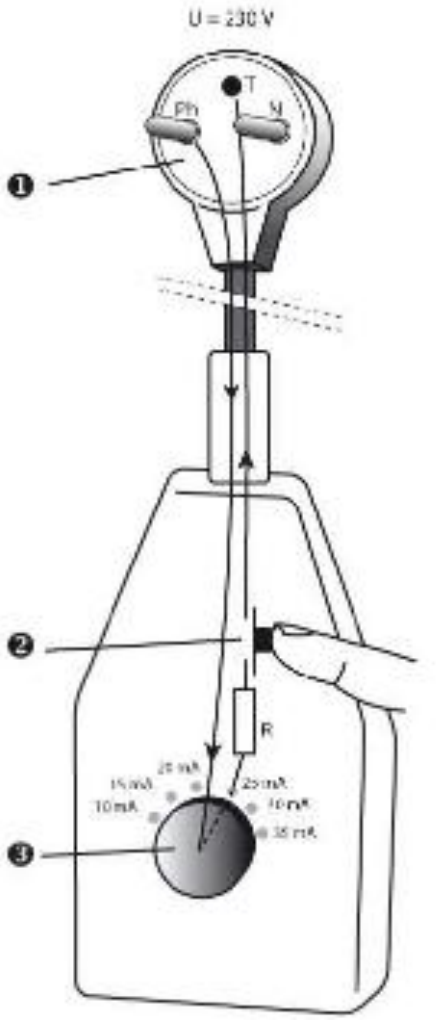
The warranty is closed out in the following cases:
1. improper use of the equipment or use with incompatible
Accessories;
2. in changes to the device without permission from the Her-steller;
3. whenever acting on the device by a non-authorized person by the manufacturer;
4. When adapting the device to applications for which the device is not provided
is seen and that are not listed in the user manual;
5. in damage from impact, fall or prolonged immersion.

Unpacking – Packing

Before shipping the equipment has been tested mechanically and electronically in detail and all precautions have been taken in order to receive the instrument in a-perfect condition. Please check the device during unpacking for full-ness and transport damage. Notifications s When transport damage immediately to the respective delivery service.

If you want to send the device, to use preferably the original packaging and place it in an email in which you describe the reasons for the return as clearly as possible.

Description



1. Connector for 2-pin socket + earth
2. test button
3. Selector switch for tripping current

Instruction manual

Check a 2-pronged plug + Earth

N: Neutral
P: outer conductor
E: protective earth

1. Insert the plug of the Examiner VT35 in the test socket 10-16 A.
2. Check the three (⊙) indicators: When all three lights is the outlet in order.
3. If one, two or all three indicators do not (○) light, determine the fault using the table below.
4. Correct the error and perform a rescan.

☺	⊙⊙⊙	**OK. (no mistake)**
☹	⊙⊙○	**Earth connection is defective**
☹	⊙○○	**Outer conductor / neutral conductor interchanged**
☹	○⊙⊙	**Neutral defective**
☹	○○⊙	**Phase conductor / protective earth reversed**
☹	○○○	**Outer conductor defective**

Note: The transposition of neutral (N) and protective earth (E) is not recognized by the examiner VT35

Testing a fault current circuit breaker ≤ 30 mA

1. Check explained and fix the socket in the previous section optionally displayed error.
2. Set the selector switch for GFCI-tripping current to 10mA (Smallest fault current value).
3. Check the response of the RCCB by briefly pressing the test button.
   If the GFCI is not triggered:

1. Increase the fault current by turning the dial to a position turn right to the next highest fault current value.
2. Perform a new test of the RCCB.
3. Repeat steps 2b and 3b until the GFCI actually triggers and write down the set fault current value.
4. If the GFCI does not trip even when the highest value of 30 mA, is the circuit breaker is defective and must be replaced.