

Installcheck

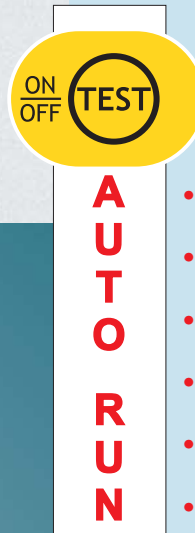
Easy and fast safety inspection of electrical installations

Indispensable for every electrical installer!

Standards:
SIST HD 384
VDE 0100
BS 7671, 16th
CEI 64.8



EN 61010
EN 50081
EN 50082



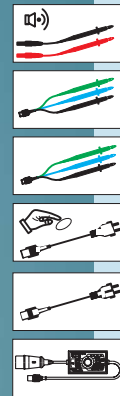
ONE - TOUCH ONLY

- autotest of electrical circuit

Patent no. 200000308

- Line Resistance
- Loop Resistance (TN)
- Contact Voltage (Uc)
- Earth Resistance (TT)
- RCD Trip out Time
- Insulation L/PE & N/PE

ADDITIONAL TESTS:



- Continuity (Buzzer-sound)
- Insulation - L / N, L / PE, N / PE
- Phase Rotation
- PE Error Test (dangerous voltage)
- Mains socket wiring analysis L / N / PE
- Three-phase measurement of insulation and resistance

● No LCD display needed

- OK-LED lamp confirms the on going measurement and shows the type of fault on the installation.
- Buzzer-sound signal confirms the completion of test operations.
- Flashing LED confirms test procedure and indicates the type of fault found in installation.

● All safety tests are done directly at the socket automatically in only 3 seconds

- One touch selection of the type of electrical installations depending on RCD/Fi.

● Additional particular tests: continuity, insulation L / N, L / L, L / PE, N / PE, phase rotation, PE Error test, three-phase measurement of insulation and resistance.

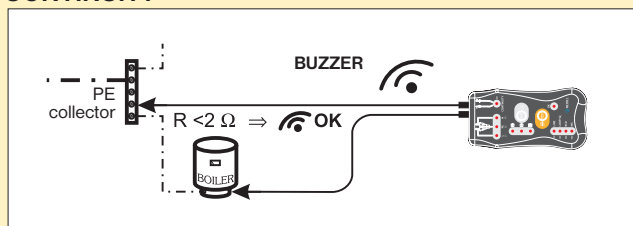
- Battery capacity over 35 hours.
- Auto power-off after 10 min.
- The tester is totally protected against incorrect operations and is mains voltage resistant in all the functions.



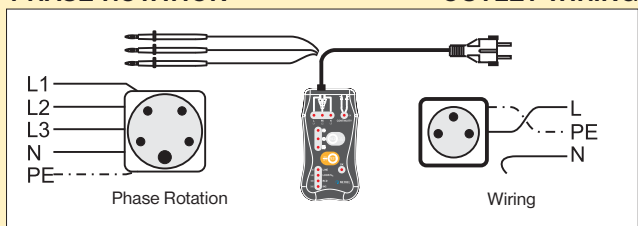
All the tests are done directly at the socket

TYPICAL APPLICATIONS

CONTINUITY

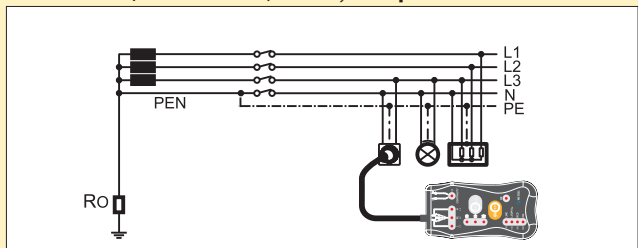


PHASE ROTATION

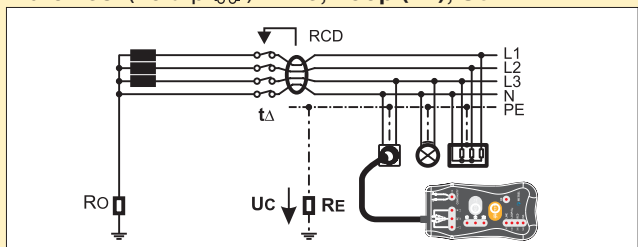


OUTLET WIRING

Auto Test (no RCD test): Line, Loop



Auto Test (trip-out RCD): Line, Loop (RE), Uc, tΔ, ISO



Technical Specification

Mains Socket Wiring Analysis Eight states recognized and displayed

Phase rotation Un 440 V, 50 Hz

PE Test (presence of phase voltage) yes

Continuity Limit value $2 \Omega \pm 0.5 \Omega$

Insulation Resistance Limit value $0.6 \div 1.2 \text{ M}\Omega \pm 0.2 \text{ M}\Omega$

Nominal test voltage 500 V DC

RCD Test

Nominal differential current $I_{\Delta N}$ 30, 100, 300 or 500 mA

Contact voltage Limit value 25 V at $I_{\Delta N} \pm 5 \text{ V}$

Test current $< 0.5 I_{\Delta N}$

Trip-out time of RCD Limit value 0.3 s ($I_{\Delta N}$) or 0.04 s ($5 I_{\Delta N}$)

Test current $I_{\Delta N}$ (any selected $I_{\Delta N}$) and $5 I_{\Delta N}$ (30 mA only)

Fault Loop Resistance (RCD built-in) Limit value $25 \text{ V} / I_{\Delta N}$

Test current $< 0.5 I_{\Delta N}$

Fault Loop Resistance (RCD not built-in)

Limit value $1.5 \Omega \pm 0.3 \Omega$

Test current 0.5 A

Line Resistance Limit value $1.5 \Omega \pm 0.3 \Omega$

Test current 0.5 A

General data

Power supply 6 V (4 × 1.5 V alkaline battery IEC LR6)

Battery capacity approx. 35 h

Results displayed OK, or not OK by means of LED lamps

Sound signals yes

Operating voltage 220/230/240 V, 50 Hz

Dimensions (w × l × d) 100 × 200 × 50 mm

Weight (without accessories, with batteries) 0.6 kg

Overvoltage category CAT III / 300 V

Working temperature range 0 up to 40 °C

Auto power OFF yes, 10 minutes after completion of last action

Standard set

Order No.: **MI 2150**



- Instrument
- Carrying strap
- Shuko-plug test cable, 1 m
- Safety test leads with fixed test tips, 1.5 m, 2 pcs
- Instruction Manual
- Quick guide
- Calibration Certificate
- Declaration of Conformity
- Declaration of warranty

Optional accessories

Order No.:



- Three phase adapter
- Universal test cable 3 × 1.5 m with 3 safety test tips
- Alligator clip (insulated)
- Protection case
- Soft carrying bag

A 1111

S 1112

A 1114

A 1115

A 1020