

Voltage detectors

Voltage detectors  
accessories

Insulation tester

Installation testers  
identifier

Multimeter clamp-meter

Infrared Thermometer

## Voltage multi-tester DETEX™ MS-911-EX

The DETEX MS-911-EX has been designed in compliance with IEC/CENELEC standard 61243-3 in response to the requirements of European standard EN 50110-1.

The device is a voltage detector which checks the absence of voltage (AC and DC) and a multi-tester.

It enables to:

- check the voltage levels from 6 to 690 Volts;
- check the continuity of disconnected electric circuit;
- find phase or neutral (by single pole method);
- determine polarities.

## A.C or D.C voltage test

voltage level testing by light-emitting diodes: 6, 12, 24, 50, 127, 230, 400, 690 V and emission of audible signal.

## Polarity Test

Presence of A.C voltage signalling by lighting of +6 and -6 V diodes.

Presence of D.C voltage signalling by lighting of the +6V or -6V diode.

## Phase/neutral identification

Signalling by lighting of the + 6V diode when the red probe is in contact with the phase.

## Continuity test

Continuity resistance lower than 80 Ohms is indicated by lighting of all diodes and emission of audible signal.

## Operating check

By short-circuit on the probes; all of the diodes light up, the audible signal sounds.

## Technical features

Field of use: from 6 to 690 V z or =

Frequency: 50-60 Hz

Operating temperature: -10 °C / +55 °C

Storage temperature: -25 °C / +55 °C

Protection level: IP54 / IK 06

Double insulation Class II

Power supply by 9 volt 6LR61 type alkaline battery

IEC 61243-3



IEC-61243-3   
EN 50110-1

CE



Fits on safety power plug (patented)



M-87369

Storage bag

## MS-911-EX

Delivered with power supply  
Weight: 0.370 kg

## ACCESSORIES

## M-87369

Storage Bag

## Voltage multi-tester with phase rotation DETEX™ MS-911/2

The DETEX MS-911/2 has been designed in compliance with IEC/CENELEC standard 61243-3 in response to the requirements of European standard EN 50110-1.

The device is a voltage detector which checks the absence of voltage (AC and DC) and a multi-tester.

It enables to:

- check the voltage levels 12 to 400 Volts;
- check the continuity of disconnected electric circuit;
- find phase or neutral (by single pole method);
- Control the phase rotation;
- Determine polarities.

It is equipped with IP2X safety test probes.

**A.C or D.C voltage test**

voltage level testing by light-emitting diodes: 12, 24, 50, 127, 230, 400V and emission of audible signal.

**Polarity Test**

Presence of A.C voltage signaling by lighting of +12 and -12 V diodes.

Presence of D.C voltage signaling by lighting of the +12V or -12V diode.

**Phase/neutral identification**

Signaling by lighting of the + 12V and -12V diodes with audible signal when the red probe is in contact with the phase.

**Phase rotation**

Signaling by lighting of a green diode when the rotation is correct and by a red diode when the rotation is not correct. Control method with only two safety test probes.

**Continuity test**

Continuity resistance lower than 80 Ohms is indicated by lighting of all diodes and emission of audible signal.

**Operating check**

By short-circuit on the probes; all of the diodes light up, the audible signal sounds.

**MS-911/2**

Delivered with power supply  
Weight: 0.370 kg

**M-87369**

Storage Bag



IEC-61243  
EN 50110-1

**Technical features**

Field of use: From 12 to 400 V A.C and D.C

Frequency: 50/60 Hz

Operating temperature: -10/+55°C

Storage temperature: -25/+55°C

Protection level: IP54

Double insulation Class II

Power supply by 9 volt 6LR61 type alkaline battery

## Phase rotation indicator DETEX™ MS-152+

Signaling via the successive lighting of diodes symbolising rotation. Input terminals are connected to the corresponding phases (green, yellow, brown):

correct connection: lighting according to "OK" order,

incorrect connection: "REVERSE" order lighting: reverse 2 phases.

"FAULT" diode lits: phase cut off or incorrectly connected.

90 to 400 V - 50/60 Hz / IP54 IK06 / CAT III.

Works on generating units.

Device delivered in storage bag with:

3 probes with retractable protectors and 1.20 m lead -

yellow, green and brown - clamps - yellow and brown,

2 insulated crocodile clamps.

**MS-152+**

Delivered complete with storage bag  
Weight: 0.380 kg - 60 x 100 x 25 mm



IEC-61557-7  
EN 50110



Works on generating units