

Voltage detectors

Voltage detectors

Voltage detectors accessories

Insulation tester

Installation testers identifier

Multimeter clamp-meter

Infrared Thermometer

Below 1000V

Voltage multi-tester DETEX™ MS-911-EX

The DETEX MS-911-EX has been designed in compliance with IEC/GENELEC 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

Signaling 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.



IEC-61243 
EN 50110-1

CE

MS-911/2

Delivered with power supply
Weight: 0.370 kg

M-87369

Storage Bag

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.

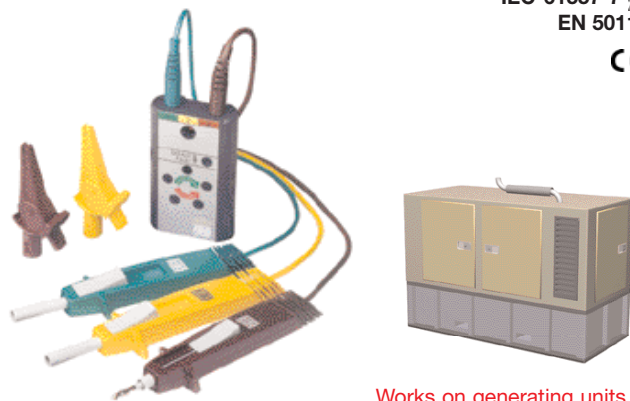
Works on generating units.


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.



IEC-61557-7 
EN 50110

CE

MS-152+

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

Works on generating units

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Contact probes for L.V. tester

To be used only with MS-911-EX or MS-911/2 tester.

For overhead lines

Contact antennas serve as suspension hooks.

Marked with standard colours: black and red.

Total length: 1.25 m.

MS-8014 2 probes, in bag 50 x 130 x 1.300 mm - 0.40 kg

To be used only with MS-911-EX or MS-911/2 tester.

For installations

Round tip contact. Total length: 0.50 m.

MS-8013 2 probes, in bag 50 x 150 x 470 mm - 0.750 kg



Voltage take-off punch

The voltage take-off punch is able to make an insulating piercing

on a low voltage wire to plug a measurement device.

Fit with pin or safety test probe with 4 mm diameter.

Reference	Capacity (Ø mm)	Weight (kg)
MS-62	5.6 - 14.4	0.015
MS-63	12 - 31	0.05



POINTEST™ Safety test probes for voltage detectors

Safety test probe for voltage detector use only.

4 mm retractable shrouded plug, 4 mm standard socket or 1,20 m double sheathed lead, Probe 26 mm length, 1 000 V A.C or D.C, IP2X.

IEC 61010-2-031

CE

CX-35811 Green safety test probe 1.20 m lead

CX-45211 Brown safety test probe 1.20 m lead

CX-45511 Black safety test probe 1.20 m lead

CX-45411 Yellow safety test probe 1.20 m lead



Safety crocodile clamps

Crocodile clamps.

Fully insulated crocodile clamps with large jaw opening: 20 mm.

IEC 61010-2-031

CE

CX-01222 5 brown crocodile clamps

CX-01422 5 yellow crocodile clamps

CX-01822 5 green crocodile clamps

DX-02006 2 crocodile clamps - black and red

