



**Voltage detector, AC & DC, Two-pole low voltage type**  
**In compliance with the standard IEC 61243-3 and EN 50110-1**  
**Maximum operating nominal voltage: 690 Vac – 750 Vdc**

### **TECHNICAL CHARACTERISTICS**

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- Voltage detector from 12 to 690 Vac and 750 Vdc
- Indication of the voltage levels : 12, 24, 50, 127, 230, 400, and 690 V (750 Vdc) with high brightness red leds
- Audible indication: intermittent tone up to 230 V and continuous tone above
- The ELV is indicated by a red Led through an independent circuit of the state of the battery
- Voltage detector designed to be insensitive to the usual values of induced voltage of networks up to 400 Vac
- Polarity indication by Leds for dc voltage: (-12, +12). The two leds are on for ac Voltage
- Checks the continuity (R=200Ω) with a pushbutton.
- Phase identification from 127 Vac
- Built-in device for check operation, including the leads checking
- Range of Frequencies: 50-60 Hz ±3%.
- Operating temperature: -15°C à +45°C.
- Storage temperature : -15°C à +45°C

- Relative Humidity (HR) : 20% to 95%
- Protection level : IP65 / IK06
- CAT IV-600V ou CAT III-1000V
- Double insulation , class II
- Probe diam. 4 mm, L=19mm, IP2X safety probes with retractable shrouded plugs in accordance with the standard NF C18-510
- Powered by 2 batteries AAA

## DIMENSIONS / WEIGHT

Poids : 0,22 kg  
 Dimensions: 165 X 48 X 40 mm  
 Length of leads: 0,9 m.

## STANDARD REFERENCE

IEC 61243-3: 2014  
 NF EN 61243-3: 2015  
 NF C 18-510

## COMPOSITION with quantity for each reference

Reference	Designation	Packaging dimensions (mm)
MS-917	Voltage detector LV, 690V, with a packaging blister	390 X 90 X 40 mm
MS-917-ET	Détecteur de tension BT, 690V With a carrying bag M-87369	230 X 130 X 65 mm

## OPTIONNAL ACCESSORIES

Carrying bag with ring for belt  
**Reference: M-87369**



Holder  
**Reference: M-952325**

