



# Voltage detector

## MS-918



**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: 900 Vac – 1000 Vdc**

### TECHNICAL CHARACTERISTICS

- Voltage detector from 12 to 900 Vac and 1000 Vdc
- Indication of the voltage levels : 12, 24, 50, 127, 230, 400, 600 and 900 V (700,1000 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
- Checks the phase rotation (2 leads method) from 127 Vac (Frequencies : 50 and 60 Hz)
- Polarity indication by Leds for dc voltage: (-12, +12). The two leds are on for ac Voltage
- Checks the continuity ( $R=80\Omega$ ) with a pushbutton. Function free hand during 10s
- Phase identification from 127 Vac
- Built-in device for check operation, including the leads checking
- Lamp light actived by a long press on the pushbutton. The extinction is automatic after 30 s or by re-pressing the pushbutton
- Range of Frequencies: 50-400 Hz  $\pm 3\%$ .
- Operating temperature:  $-15^{\circ}\text{C}$  à  $+45^{\circ}\text{C}$ .
- Storage temperature :  $-15^{\circ}\text{C}$  à  $+45^{\circ}\text{C}$

- 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=23mm with spring contact cage, 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-918	Voltage detector LV, 1000V, Rot Phase with a packaging blister	390 X 90 X 40 mm
MS-918-ET	Détecteur de tension BT, 1000V, Rot Phase 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**

