



# Voltage detector

## MS-415P & MS-415-P5



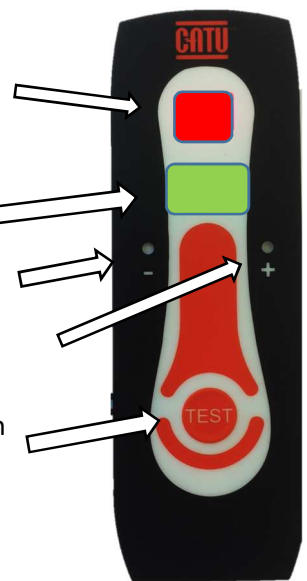
Red LED: voltage presence

Green LED: visual stanby state

Blue LED: DC-

Red LED : DC +

Test push button



**Direct Current Voltage Detector up to 3500 Volts DC with expandable probe**

**Voltage detecting: 50 to 4200 VDC – 50 to 3000 VAC**

## TECHNICAL CHARACTERISTICS

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- Maximum nominal voltage : 3500 VDC, 2500 VAC
- Detection Voltage : 50 to 4200 VDC, 50 to 3000 VAC
- Threshold Voltage: 50 V +0, -10% (DC and AC)
- Permanent standby status mode (no on/off switch)
- Indication of voltage presence:
  - High brightness red LED
  - Discontinuous Sound information
- DC (polarity) and AC Indication:
  - High brightness red LED for positive DC voltage
  - High brightness blue LED for negative DC voltage
  - For AC voltage, the red LED and the Blue LED are flashing
- Built in testing system (included the lead check)
- High brightness green LED to indicate the good status of your voltage detector and display the standby state (during 2 min.)
- Frequency range: 50-60 Hz  $\pm$ 10%.
- Operating temperature: 0°C à +70°C.
- Storage temperature : -10°C à +70°C
- Relative Humidity (RH) : 20% à 95%
- Protection degree : IP40 / IK06.
- Double isolation class II.
- Tapered test tip Diam. 6 mm, bare length : 19 mm. Delivered mounted
- Accessory included: peak test tip Diam. 3 mm, bare length : 3 mm.
- Power supply : 2 batteries type LR06 (supplied).

## DIMENSIONS / WEIGHT

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Weight: 1.54 kg in 2500 mm, 1.65 kg in 5000 mm  
Length with contact electrode extension 250 mm: 425 X 60 X 45 mm  
Length with contact electrode extension 500 mm: 625 X 48 X 45 mm  
Dimensions with carrying case: 550 x 160 mm.  
Length of the high voltage lead: 2500 mm  $\pm$  100 and 5000 mm  $\pm$  100



## STANDARMATIVES

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EMC directive 2014/30/UE (EN 61326-1, EN 62311)  
IEC 61243-3 (part)

## REFERENCE

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Reference	Designation	Comments
MS-415-P	Voltage detector with expandable stick with carrying bag. Cable length: <b>2500 mm</b> + 1 set of peak test tip	950 x 200 x 70 mm
MS-415-P5	Voltage detector with expandable stick with carrying bag. Cable length: <b>5000 mm</b> + 1 set of peak test tip	950 x 200 x 70 mm

## ACCESSORIES included

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Carrying bag

