

**TAG330**

## Voltage detector

CE

up to 735 kV AC

IEC 61243-1

EN 61243-1

ASTM F1796-97



**Use:** For checking if a VHV electrical installation is live or dead up to 735kV AC

This heavy duty detector is equipped with electronic circuits integrating mini gas spark gaps. This specific design provides high performance in case of high induced voltage and/or electrical interference. After long sequences of comparative tests in real conditions this device has been selected by several electric companies in NZ, Belgium, USA & Canada.

### Specifications:

- Permanent standby mode
- Built in "allcheck" test feature provides checking of all electronics and battery level. Green LED indicates that the unit is ready.
- Live indication by means of a red flashing LED and a beeper
- Indication of voltage absence by means of a steady green LED
- Robust polycarbonate casing with universal fitting (sunrise adapter)
- 9 volt battery supply
- Weight 0.420kg; Length 210mm; Diameter 90mm

### Field of Use

- 3 phase AC indoor and outdoor system
- Frequency: 16 2/3, 50 or 60Hz to be specified
- Voltage range up to 735kV to be specified
- All weather use
- Temperature: -25° to 55°C (-13°F - 131°F)

### Operation/Maintenance

- Each unit must be equipped with insulating stick with the minimum insulating length in accordance with regulation in force.
- Can be fitted directly to any insulating stick with universal (sunrise) end fitting or to any others by means of adapters.
- Check prior to voltage detection: press test button 3 red LED and beeper work. After test green LED indicates positive test
- Voltage checking: bring the detector electrode in contact with the conductor to be checked 4 red LED and beeper work
- Check after use: press button and look for green LED
- Clean the housing with silicon grease impregnated cloth (TC53) prior to use
- Replace battery once a year
- Transport detector in its case & store in a dry place

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TAG330 SFE CR doc 28/05/2003