

# ***HIGH VOLTAGE DETECTOR***

***OPTICAL & ACOUSTIC***

- ✓ New advanced technology acquisition
- ✓ Direct contact detector
- ✓ 100% isolated from interferences from electromagnetic field
- ✓ Freedom of movement
- ✓ Perfect detection at any angle
- ✓ Long life battery
- ✓ According to IEC 61243-1 Ed2  
UNE-EN 61243-1/2006+A1.2011

**Probably the most reliable voltage detector  
in the world for HIGH VOLTAGE WORKS**

# **sofamel**

# VOLTAGE DETECTORS IEC ELECTRONIC VOLTAGE DETECTORS



## IEC high tech voltage detector - High Voltage

### Optical & Acoustic

Electronic voltage detector by micro controller and direct contact detection. New advanced technology acquisition by pulse of light that guarantees a perfect and safe indication even in conflicting electric field environments.

Work temperature range: from -25°C to +55°C.

Self-checking system for its complete circuit by pressing test button. Self-ignition when voltage presence. Auto turn-off into sleep mode after two minutes of voltage absence. In this mode consumption is less than 1 µA. Voltage presence is indicated by high luminosity red LED and high acoustic pressure buzzer. Voltage absence is indicated by high luminosity green LED.

Power supply 9V alkaline battery, type 6LR61 (included).

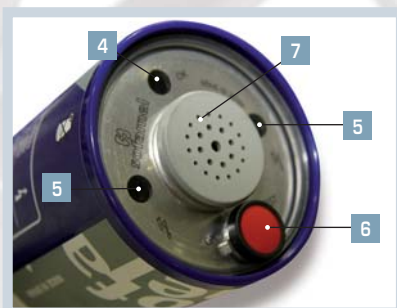
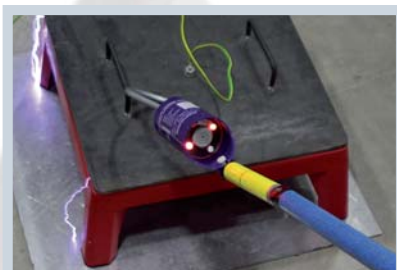
Indoor and outdoor use by appropriate insulating pole to the detector voltage range.

Connection to the pole by Universal head. Supplied with metallic box with battery included.

According to IEC 61243-1 Ed2 and UNE-EN 61243-1/2006+A1.2011 standards.



CE IEC 61243-1 Ed2  
UNE-EN 61243-1/2006+A1.2011



4. Green LED (Voltage absence)
5. Red LED (Voltage presence)
6. On/test button
7. Buzzer (Audible signal)

#### Mod. VT-63/150-U Voltage detector

Rated voltage from: 63 to 150 kV  
Frequency: 50 / 60 Hz

Code	Ref.
645162	VT-63/150-U

#### Mod. VT-66/220-U Voltage detector

Rated voltage from: 66 to 220 kV  
Frequency: 50 / 60 Hz

Code	Ref.
645164	VT-66/220-U



#### Mod. VT-90/225-U Voltage detector

Rated voltage from: 90 to 225 kV  
Frequency: 50 / 60 Hz

Code	Ref.
645172	VT-90/225-U

#### Mod. VT-150/420-U Voltage detector

Rated voltage from: 150 to 420 kV  
Frequency: 50 / 60 Hz

Code	Ref.
645182	VT-150/420-U

#### Mod. VT-45/420-U\* Voltage detector

Rated voltage from: 45 to 420 kV  
Frequency: 50 / 60 Hz

Code	Ref.
645184	VT-45/420-U

#### Mod. VT-225/420-U\* Voltage detector

Rated voltage from: 225 to 420 kV  
Frequency: 50 / 60 Hz

Code	Ref.
645186	VT-225/420-U

\* Out of IEC Standard.