

# HIGH

## VOLTAGE DETECTOR

Optical & Acoustic

Probably **the most reliable** voltage detector in the world for **high voltage works**

- 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
- Manufactured according to IEC 61243:2003+A1:2009 and UNE-EN 61243-1:2006+A1:2011 standards (except voltage range)

  
**sofamel**  
*safety & connection*

# IEC Electronic Voltage Detector

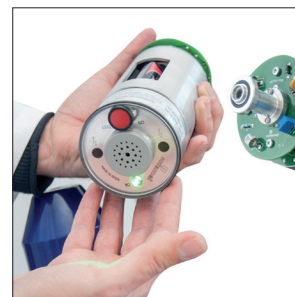
## Voltage Detectors

High voltage detector - Outdoor

SAFETY CATALOGUE



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 1µA.

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.

According to IEC 61243:2003+A1:2009 and  
UNE-EN 61243-1:2006+A1:2011 standards

### 646 VTA-63/150-U

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

Code	Frequency	Ref.
645162	50 / 60 Hz	VTA-63/150-U

### 646 VTA-66/220-U

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

Code	Frequency	Ref.
645164	50 Hz	VTA-66/220-U
645165	60 Hz	

### 646 VTA-90/225-U

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

Code	Frequency	Ref.
645172	50 / 60 Hz	VTA-90/225-U

\* Manufactured according to IEC 61243:2003+A1:2009 and  
UNE-EN 61243-1:2006+A1:2011 standards (except voltage range).

### 646 VTA-150/420-U

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

Code	Frequency	Ref.
645182	50 / 60 Hz	VTA-150/420-U

### 646 VTA-45/420-U\*


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

Code	Frequency	Ref.
645184	50 / 60 Hz	VTA-45/420-U

### 646 Mod. VTA-225/420-U\*

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

Code	Frequency	Ref.
645186	50 / 60 Hz	VTA-225/420-U

CE  IEC 61243:2003+A1:2009  
UNE-EN 61243-1:2006+A1:2011