

Voltage detectors / High-voltage detector - Outdoor

VTA

IEC high-tech voltage detector High voltage – Optical and acoustic

The VTA is a high-voltage electronic voltage detector with a state-of-the-art microcontroller and direct-contact detection, designed to provide maximum safety and reliability for indoor and outdoor high-voltage work.

Its advanced optical acquisition system ensures fast and stable detection, even in environments with intense electric fields.


It features complete circuit self-checking via a test button, allowing correct operation of the device to be verified before use.

The detector automatically activates when voltage is detected and automatically switches off after a few minutes of inactivity to reduce power consumption.

During detection, voltage presence is indicated by a high-intensity red LED and a powerful intermittent acoustic signal. Voltage absence is indicated by a green LED visible from a long distance.

The VTA features very low power consumption ($< 1 \mu A$) and operates with a 9 V alkaline battery, type 6LR61 (included). Its operating temperature range is from $-25^{\circ}C$ to $+55^{\circ}C$, making it suitable for demanding environmental conditions.

It is used with an insulating pole fitted with a Sofamel Universal head, adapted to the voltage range of the corresponding model.
Supplied in a metal carrying case.

CE  According to standard IEC 61243-203:2009 +A1:2009 and UNE-EN 61243-1:2000 +A1:2011 standards.



VOLTAGE RANGES from 63 to 150 kV up to 225 to 420 kV depending on the model

31004 VTA

Code	Ref.	Voltage ranges	Frequency
645162	VTA-63/150-U	63 - 150 kV	50 / 60 Hz
645164	VTA-66/220-U	66 - 220 kV	50 Hz
645165	VTA-66/220-U	66 - 220 kV	60 Hz
645172	VTA-90/225-U	90 - 225 kV	50 / 60 Hz
645184	VTA-45/420-U*	45 - 420 kV	50 / 60 Hz
645182	VTA-150/420-U	150 - 420 kV	50 / 60 Hz
645186	VTA-225/420-U*	225 - 420 kV	50 / 60 Hz

* According to standards IEC 61243:2003 +A1:2009 and UNE-EN 61243-1:2006 +A1:2011 (except for the voltage range).

HIGH-VOLTAGE DETECTOR

Optical and acoustic

The best detector
for high-voltage work

- New technology acquisition
- Direct-contact detector
- 100% immune to electromagnetic field interference
- Freedom of movement
- Perfect detection from any angle
- Long-life battery
- According to standards IEC 61243:2003 +A1:2009 and UNE-EN 61243-1:2006 +A1:2011

