

# sofamel

Product Technical Specifications



VOLTAGE DETECTOR

POWER LIGHT-1/5

POWER LIGHT - 5/79

Medium voltage - Optical &  
Acoustic

## Functionality

Electronic voltage detector with microcontroller and direct contact detection.

Its function is to detect voltage by direct contact to indicate to the operator if there is an electric field, and to ensure that the area is safe for work.

## Electrical Characteristics

It has a self-test system for the complete circuit by pressing the test button.

Automatic shutdown to standby mode after two minutes with absence of voltage. In this mode the consumption is less than 1  $\mu$ A. It stops working when the battery is low.

Power supply: 1.5V AAA alkaline battery.



# ELECTRONIC VOLTAGE DETECTOR

## Medium voltage - Optical & Acoustic

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### Product Characteristics

Flashlight in the upper part with high brightness and low power consumption LEDs, for use in dark places. The use of the flashlight is independent of the detection system.

Voltage presence indicator by means of multiple high luminosity red LEDs at 360° and intermittent acoustic of 79 dB signal by means of a buzzer.

No voltage indicator by means of multiple green LEDs of high luminosity at 360°.

Low battery is indicated by orange LEDs.

Self-verification system for the complete circuit by pressing the test button.

Stops working when battery is low.

Working temperature range: -25° C to +55° C.

Automatic shutdown to standby mode after two minutes with absence of voltage. In this mode the consumption is less than 1µA.

Indoor and outdoor use by means of an insulating pole suitable for the voltage range of the detector. Coupling to the pole by means of Universal head.

Batteries included 2xAAA, greater capacity and durability.

Supplied in reinforced case.

Voltage range, two models: from 1 to 5 kV and from 5 to 79 kV.

### Certificates

Conforms to the standard:

**IEC 61243:2003+A1:2009:** Live working - Voltage detectors - Part 1: Capacitive type to be used for voltages exceeding 1 kV a.c.

**UNE-EN 61243-1:2006+A1:2011:** Live working. Voltage detectors. Part 1: Capacitive type detectors to be used for voltages exceeding 1 kV a.c..

**IP65.**