

HIGH VOLTAGE DETECTOR

OPTICAL & ACOUSTIC

NEW

- ✓ 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

HIGH VOLTAGE DETECTOR

OPTICAL & ACOUSTIC

Electronic voltage detector by micro controller.

New advanced technology acquisition that makes direct contact detection and ensure a safe indication even in electric field environments with high perturbation.



SPECIFICATIONS

Voltage Threshold (V_t) between phase and earth:

	VMIN		VMAX
VT-63/150	15.000 V	< V t <	28.350 V
VT-66/220	22.000 V	< V t <	29.700 V
VT-90/225	22.000 V	< V t <	40.500 V
VT-150/420	42.000 V	< V t <	67.500 V
VT-45/420*	13.500 V	< V t <	20.250 V
VT-225/420*	42.000 V	< V t <	101.250 V

Voltage range (V_r) among phases:

VMIN		VMAX
63.000 V	to	150.000 V
66.000 V	to	220.000 V
90.000 V	to	225.000 V
150.000 V	to	420.000 V
45.000 V	to	420.000 V
66.000 V	to	420.000 V

* Out of IEC Standard.



- Work temperature range: from -25°C to +55°C.
- Self-checking device for its complete circuit.
- Self-ignition when voltage presence.
- It turns into sleep mode after two minutes of voltage absence. Less than 1µA consumption in this mode.
- Indication of voltage presence by means of red led and high acoustic pressure buzzer.
- Indication of voltage absence by means of green led.
- Power supplied by 9V alkaline battery, type 6LR61.
- Indoor and outdoor use by appropriate insulating pole to the voltage detector.
- End fitting to the pole by Universal type.
- Supplied in a rigid plastic box with battery included.
- In accordance with IEC 61243-1 Ed2
UNE EN 61243-1/2006+A1.2011