

HIGH VOLTAGE DETECTOR

OPTICAL & ACOUSTIC

NEW

- ✓ New technology acquisition
- ✓ Direct contact detector
- ✓ 100% isolated from electromagnetic fields interferences
- ✓ Freedom of movements - Perfect detection at any angle
- ✓ Long life battery
- ✓ IEC 61243-1:2003 + A1:2009

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

sofamel

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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 (**Vt**) between phase and earth:

| | VMIN | | VMAX |
|-------------|----------|---------|-----------|
| VT-63/150 | 15.000 V | < V t < | 28.350 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 (**Vr**) among phases:

| VMIN | | VMAX |
|-----------|----|-----------|
| 63.000 V | to | 150.000 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 61243-1:2003 + A1:2009.