

# Capacitive High Voltage Detectors (Contact)



## FEATURES

- Excellent drop, shock, and vibration resistance
- Rugged nylon molding
- Auto on (when voltage is detected)
- Loud audible alarm indication
- Built-in proving and self-test circuit
- Bright color-coded LEDs
- Utilizes standard 9V battery
- Interchangeable contact electrode
- Useable in all weather conditions
- Compatible with all link sticks
- Lightweight, robust and compact
- Suitable for indoor and outdoor use
- Automatic or manual arming
- Accesses batteries easily
- Customized threshold voltage available upon request
- Auto off (if no voltage is detected)
- Waterproof design, protection class : IP65

This family of Capacitive High Voltage Detectors has been designed to meet the latest IEC standards. The HVDs are used to determine whether a system is live or not so that it may be safely earthed/grounded.

They are self-starting and automatically activated when high voltage is applied to the contact electrode.

**They can also be manually armed before use by depressing the "TEST/ARMING" button. The HVDs also have a low battery detection function.**

These detectors are intended for use on sinusoidal signal (50 or 60Hz) high voltage systems.

Utilized to determine if a system is live or not, so that it may be safely earthed/grounded.

**All models are designed for both indoor and outdoor use, in all weather condition.**

Each HVD is housed in a rugged, reinforced nylon molded outer casing and is shock, drop and vibration resistant.

**Non-standard threshold voltages can be customized to suit applications requirements**

The HVDs have a low battery detection which inhibit manual arming when the battery is too low.

**The HVD's outer casing is easy to clean and maintain. Each HVD is supplied with a cleaning kit and a carry case.**

A visual indication shows when the HVD is armed.

When armed, the green LED indicator flashes about twice per second.

**When high voltage is detected the red LED indicator flashes about twice per second, and the buzzer also sounds intermittently.**

A range of accessories is available.

- Dimensions :  
300(L) x 100(W) x 100(D)mm
- Weight :  
Approx. 550g (battery included)
- Meets EN 61243-1



TOC-213

System Voltage	Threshold set within range	Response Time	Auto-OFF	Bridging Protection	Spark Protection	Battery Low	Threshold	Battery Current	Green = Armed	Red = V Detected	Test / Arming Button
6kV~36kV	2.5kV~2.7kV	< 1 Sec	3 Min	YES	YES	< 7V	2.6kV	< 30mA	YES	YES	YES

Please note the internal proofing circuit does not test the contact electrode and the protection devices.

## Packing Information

QTY/CTN	N.W	G.W	GUFF
6 PCS	13.5	14.5	4.41
10 PCS	22.5	23.5	5.52

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