

The New Honeywell Hard Hat Mounted Voltage Detector

Reliable Shock Protection for Live Fields

The new HHVSB11 Hard Hat Mounted Voltage Detector (HVD) of Honeywell has been designed to keep the user safe from possible electrical hazards. It is an essential safety equipment for all professionals working in and around high voltage equipment and installations. When a person wearing the Honeywell HVD approaches a high-voltage source, the device emits a warning alarm, and its LED light indicators start flashing – alerting the wearer and others around that a high voltage current source is present in the immediate vicinity.



FEATURES & BENEFITS

- **Seamless Integration:** Compact, lightweight, and comfortable design integrates seamlessly with a hard hat and is capable of sensing AC high voltage from any AC HV system.
- **Long Battery Life:** Designed to consume low amounts of power, it will give an average of around 120 hours of battery life.
- **Useful for Voltage Detection** between the range of 1.1KV to 11KV. It can sense intermediate levels as well including 3KV,5KV,7KV and 9KV.
- **Hands-free High Voltage Protection:** An essential part of your high voltage protective gear, the HHVSB11 stays attached to the helmet and leaves your hands free.
- **Fast response:** Instantly alerts the user to the presence of high voltage by emitting a loud alarm and flashing LED indicators.
- **Tested as per IP65 requirement,** water proof and dust proof design.

Hard Hat Mounted Voltage Detector

TECHNICAL SPECIFICATIONS	
APPLICATION	Detection and alerting of high tension lines (11 KV) at a distance
ITEM CODE	HHVSB11
TYPE	Non-Contact
OPERATING TEMPERATURE	0 °C to 55 °C
DETECTING FREQUENCY	50Hz / 60Hz
SENSITIVITY	For an 11 KV high tension line with 50 Hertz /60 Hertz the sensing threshold will be at a distance of 6.5* feet minimum (first buzzer beep). The HVD will only detect AC voltage.
DETECTING VOLTAGE	11 KV
HUMIDITY	20% to 50% relative humidity
COLOR	White and Black
WARRANTY	6 months
PRODUCT DIMENSION	Approx. 50 mm X 90 mm X 60 mm
PACKAGE DIMENSION	Approx. 136mm X 94mm X 57mm
WEIGHT / MASS	100 gm Approx.
USER INTERFACE	Push Button – Power On / Off
INGRESS-PROTECTION RATING	IP65 per IEC standard 60529
AUDIO VISUAL INDICATIONS	Alarm: Audible – Buzzer Visual – RED LED Power On Visual – Power on (Blinking Green LED at a rate of 5 sec)
BUZZER INTERFACE	Yes
BUZZER SOUND LEVEL	80 dB \ 10 cm
BATTERY VOLTAGE IN VOLTS	3 Volts
BATTERY TYPE	2 X 1.5V AAA
TYPICAL WARNING DISTANCE	About 6.5 feet (1.98 Meters) from a 11 KV AC Line

* PLEASE REFER TO THE TABLE OF VOLTAGE SENSING AND DISTANCE CHART FOR EXACT INFORMATION.

VOLTAGE SENSING AND DISTANCE CHART						
AC VOLTAGE	1.1kV	3kV	5kV	7kV	9kV	11kV
DISTANCE in ft.	3'8"	4'6"	5'6"	6'	6'6"	6'7"

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