

# V-Watch Personal Voltage Detectors



The **V-Watch Personal Voltage Detector** is a personal protection safety device which provides that extra level of safety by detecting and alerting you to the presence of electrical fields or energized electrical equipment. **A necessary device for use in everyday work for power distribution & transmission technicians or for emergencies, where first responders need to move in quickly & safely without knowing the presence of electrical installation.**

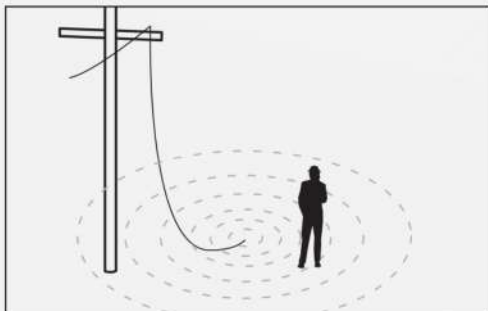
The **V-Watch Personal Voltage Detector** detects the strong electric fields surrounding high voltage conductors and power distribution equipment. It provides an extra level of safety for personnel trained in the use and application while working on or near high voltage systems, and is a potentially life saving device, that is typically used by Power Distribution & Transmission, Firefighters, Industry, Disaster Management, Public Works, Water & Sewer Works & HSE departments of industries .



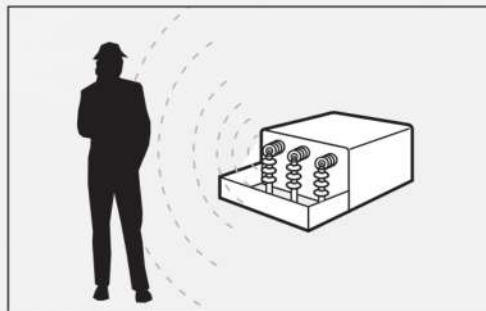
## Features:

- Audible and **visual alarms increase in frequency the closer the user gets to energized equipment**
- Typical initial warning distance is about **7 feet (2.13m)** from a **4kVAC** conductor
- **Warning distance increases with higher voltages**
- **100dB High** pitch loud audio alarm & bright LED visual alerts.
- Rugged protective housing
- **Electrically shielded**
- Lanyard allows user to adjust to optimum mid-torso position
- Low battery indicator; uses three field replaceable AAA batteries in a sealed compartment.

## Capabilities:



Detects downed electrical conductions



Detects exposed conductors inside electrical equipment



Detects electrical fields in aerial buckets

3 warning signals signify electric

Spring-activated detector

Shockproof band

Detects voltage in a 170° arc

Water and dust resistant

Low battery indicator

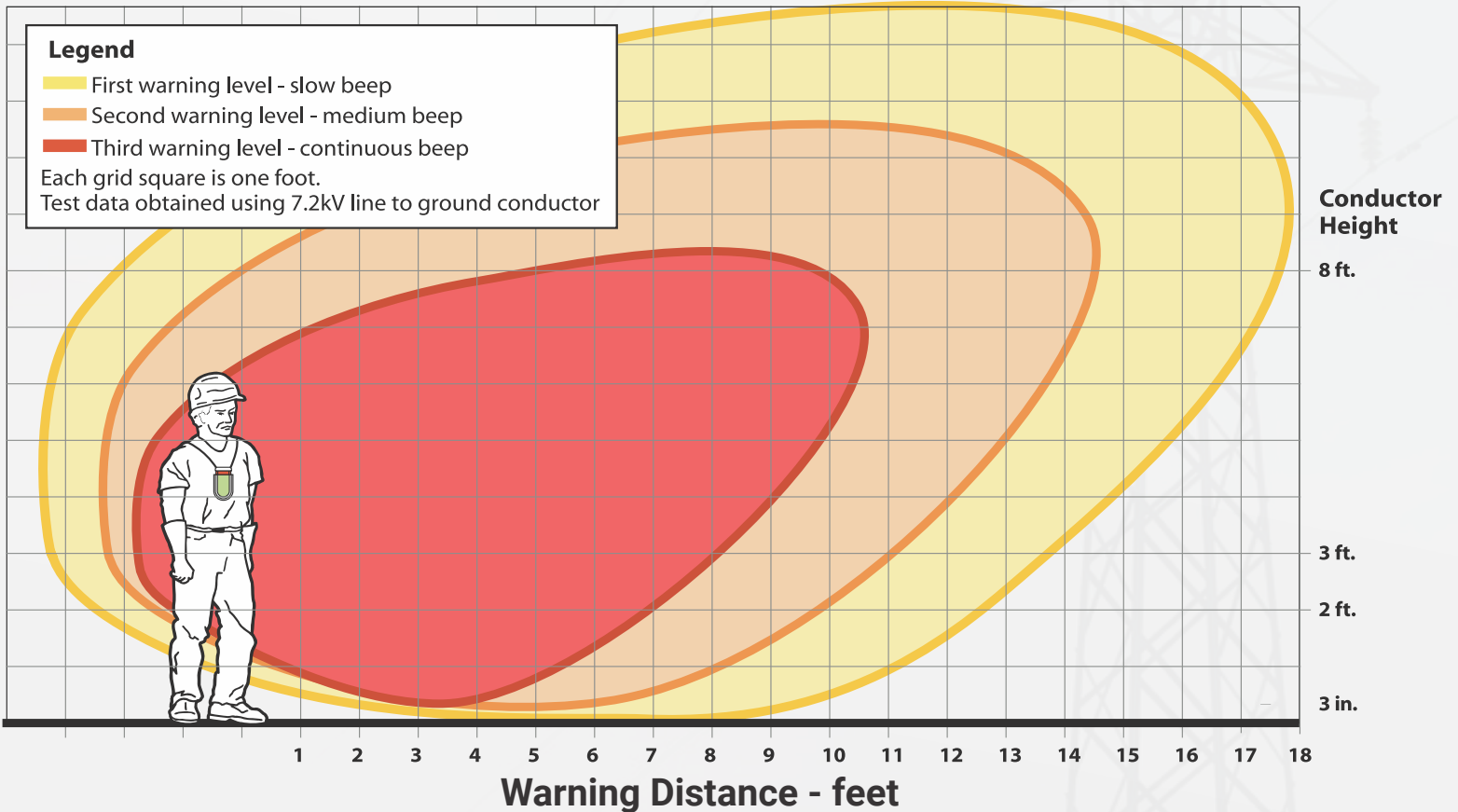
# Personal Protection Safety Device

# V-Watch Personal Voltage Detectors



## Specifications:

Voltage	Minimum   2400 VAC
Frequency Range	50 - 60 Hz
Typical Warning Distance	7 ft (2.13 m) from a 4kV (2.4kV line-to-ground)
Beeper Sound Pressure Level	100 dB
Operating Temperature Range	-29°C to +49°C
Weight W/ Batteries	7.97 oz (226g)
Dimensions	Closed: 5.53" x 3.54" x 1.42" (14.0cm x 9.0cm x 3.6cm) Open: 6.29" x 3.54" x 1.42" (15.9cm x 9.0cm x 3.6cm)
Length (in)	6.29"
Environmental (IP) Rating	IP 63



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Quality Management System

ISO 9001:2015

#1-QSC202101102

