

eLert

Use Protective proximity alarm near high-voltage electricity sources to keep personnel safe. Retrofit most electrical compliant safety helmets without affecting the normal usability of the helmet. Alert linesman, electricians, maintenance workers within dangerous proximity to high-voltage electrical sources

Electrical Safety Wearable



Detect HV
electricity
sources



Reduce risk
of electric shock



Help prevent
injury or
death



Personal
hazardous
proximity alarm



Retrofit most
electrical
compliant safety
helmet

Personal Electrical Protection

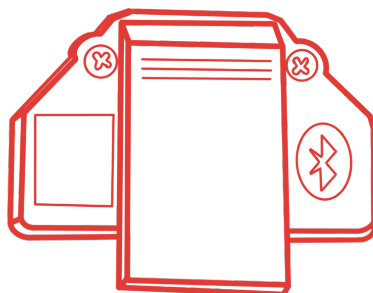
Free from interference from
radio and other devices
Two year operational battery life
Reduce risk and improve
workflow efficiency
Excellent reliability in personal
safety
IP67 weatherproof and
waterproof sensor



PROTECTIVE
ENGINEERED SAFETY



eLert Electrical Safety Wearable



eLert Wearable

The eLert Electrical Safety Wearable features Patent Pending detection technology which combines industry proven hardware to detect a range of high-voltage power hazards.

eLert uses a proprietary non-contact capacitive technology, a significant improvement on the technology which has been in the industry for over 30 years.

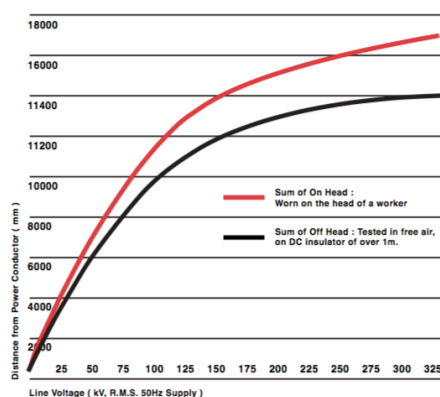
eLert Safety Wearable determines proximity and risk of contact by utilizing a microprocessor-controlled filtering with an amplifying system.

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Safety eLert

AC Detection Distances: 1kV - 330kV



The Capacitive sensing system allows the eLert Safety Wearable sensor to detect live conductors even if there is no current flowing.

Technical Specifications

Detection Type: Microprocessor Filtered Capacitive Non-Contact Voltage Detection

Detection Voltage: 415 V to 500 kV
50 Hz / 60 Hz Alternating Current

Detection Distance: 200mm – 5 metres based on voltage

Output: 68dBa buzzer inside the helmet

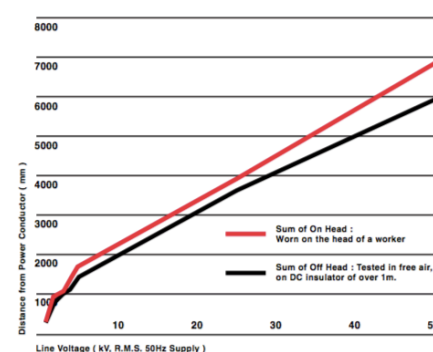
Effective Range

Electrical Safety Wearable sensors will detect the presence of Alternating Current conductors at:

50 or 60hz in Voltages of 415V to 500Kv and at distance up to 5 metres.

Safety eLert

AC Detection Distances: 1kV - 50kV



DISCLAIMER: Electrical incidents may result in injury or death. eLert is a secondary warning system only and is not a substitute for suitable experience, training, safe work procedures and due care. The information contained on this brochure is of a general nature only. It should not be relied upon to assess risk so you must separately assess and verify risks before use. For further information on the product capabilities contact our sales team and see the relevant Product Manual