

eLert

Use Protective proximity alarm near electricity sources to keep personnel safe. Retrofit any electrical compliant safety helmet without affecting the normal usability of the helmet, and alert linesman, electricians, maintenance workers when the user is within the danger zone of high voltage electrical conductors.

Electrical Safety Helmet



Detect electricity
sources



Avoid risk
of electric shock



Avoid injury
or death



Personal
hazardous
proximity alarm



Retrofit any
electrical
compliant
safety helmet

Personal Electrical Protection

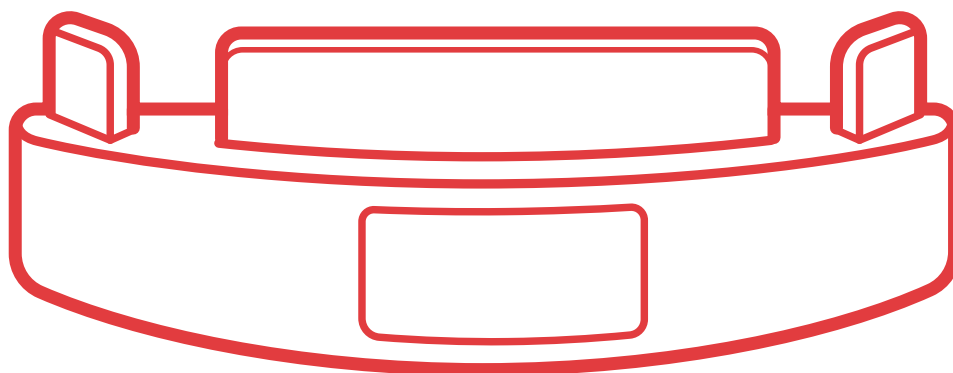
Free from interference from
radio and other devices
Two year operational battery life
Reduce risk and improve
workflow efficiency
Unmatched reliability in
personal safety
IP67 weatherproof and
waterproof sensor



PROTECTIVE
ENGINEERED SAFETY



eLert Electrical Safety Helmet



eLert Electrical Safety Helmet features Patent Pending detection technology which combines industry proven hardware with innovative software-based processing to detect a wide range of hazards.

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

eLert Electrical Safety Helmet determines proximity and risk of contact by utilising a microprocessor-controlled filtering with an amplifying system.

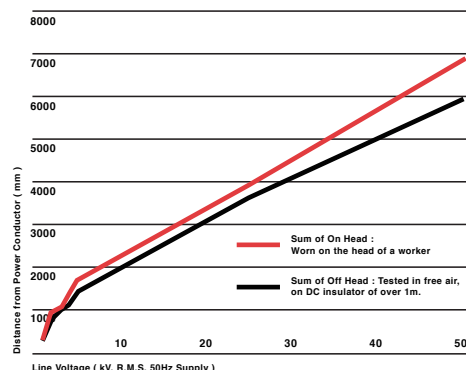
Effective Range

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

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

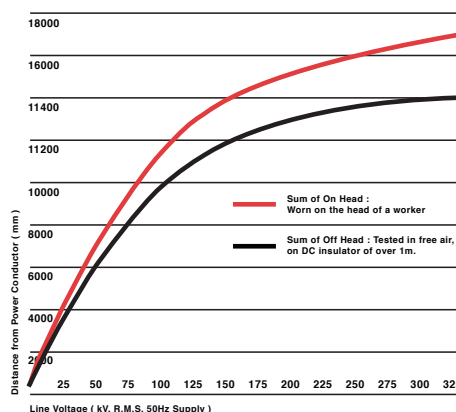
Safety eLert

AC Detection Distances: 1kV - 50kV



Safety eLert

AC Detection Distances: 1kV - 330kV



The Capacitive sensing system allows the eLert Electrical Safety Helmet 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



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