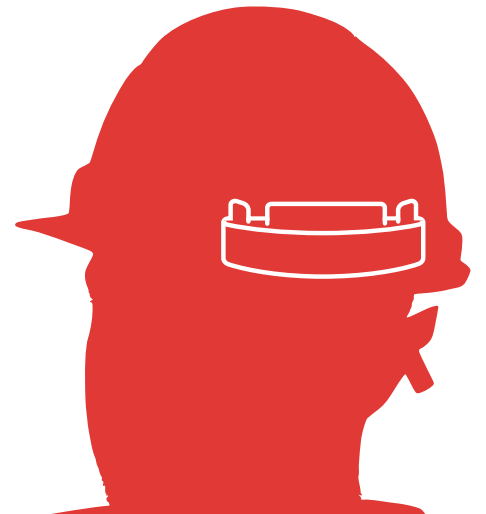


eLert

Use Protective proximity alarm near high-voltage electricity sources to keep personnel safe. eLert Safety Helmet comes fitted with HV power proximity detection technology without affecting the normal usability of the helmet. Alert linesman, electricians, maintenance workers when the user is within dangerous proximity to high-voltage electricity sources.

Electrical Safety Helmet



Detect HV electricity sources



Reduce risk of electric shock



Help Prevent injury or death



Personal HV proximity alarm



Retrofit most electrical compliant safety helmets

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

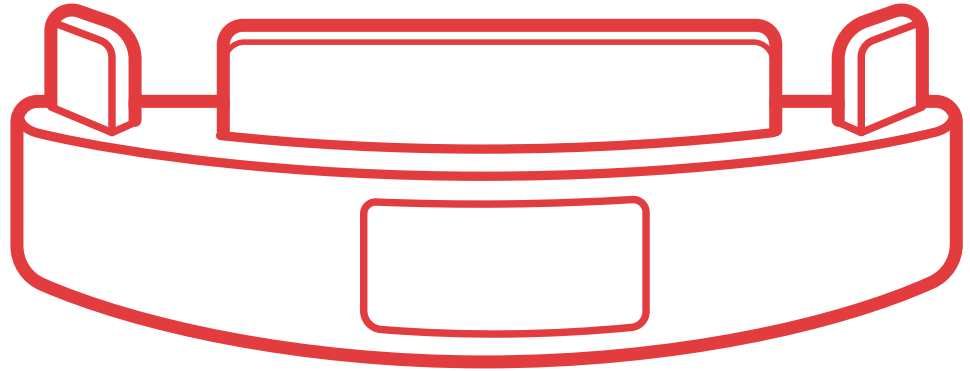
IP67 weatherproof and waterproof sensor



PROTECTIVE
ENGINEERED SAFETY



eLert Electrical Safety Helmet



eLert Electrical Safety Helmet features Patented detection technology which combines industry proven hardware with innovative software-based processing 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 Electrical Safety Helmet determines proximity and risk of contact by utilising a microprocessor-controlled filtering with an amplifying system

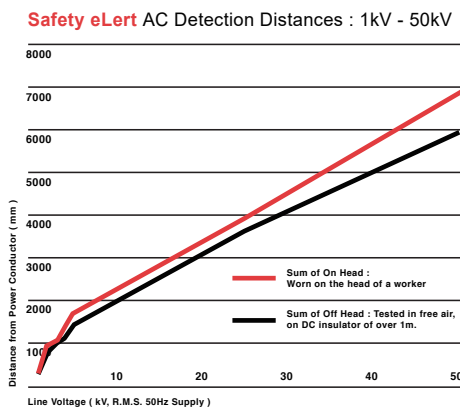
Effective Range

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

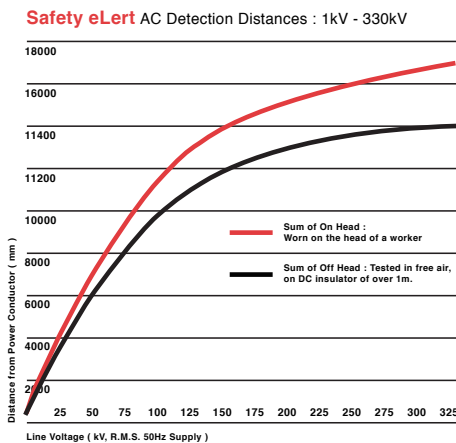
Safety eLert

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 HV power sources 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

Western Australia - +61 8 6244 4353

Queensland - +61 7 3170 1330

E: sales@protective.net.au

W: protective.net.au



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