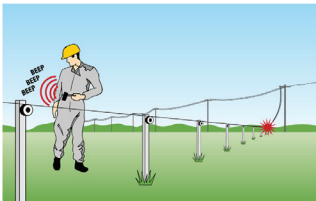
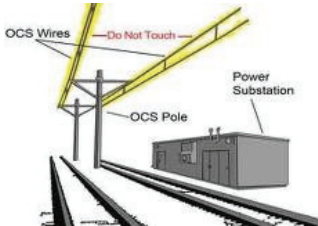


The Live Alarm The First & Leading Personal Voltage Alarm



Detects the presence of potentially lethal Voltages

Emits a loud 70dB alarm

Customised alarm distances may be pre-set

Small clip-on design, waterproof to IP65



Model featured Live Alarm **5060-D**

- Detects the presence of potentially lethal voltages thus provides additional protection against injury from electric shock.
- Emits a loud 70 dB alarm every ½ second as wearer approaches live equipment to warn them of the presence of high voltage.
- Alarm distance is factory set and can be user specified - models available to suit every scenario.
- Fully automatic - unit is always on and ready to warn of danger.
- Small (120 x 65 x 22mm) clip-on design, waterproof to IP65.
- Approximately a two year quiescent battery life with low warning, minimum maintenance needed.
- Three models to suit Distribution, Transmission and Rail power systems at 16.6, 25, 50 & 60Hz AC
 - Live Alarm **5060-D** - 50 and 60 Hz AC Distribution power systems (Typically 11 - 132 kV)
 - Live Alarm **5060-T** - 50 and 60 Hz AC Transmission power systems (Typically 132 - 400 kV)
 - Live Alarm **1625-R** - 16.6 and 25 Hz AC Rail power systems (Typically 15 kV)

Designed and built in the EU, the Live Alarm was developed as a direct response to a specific need within the electrical power industry. The Live Alarm provides additional protection against injury from electric shock, by providing a safety warning aid for all personnel working on equipment which they believe to be dead but which may inadvertently remain or become live. The Live Alarm should be used by personnel searching for downed power lines after a storm.

For example: the Live Alarm is clipped to the belt or coat of an operational engineer while they fault locate along a high voltage line to detect fallen conductors. As the engineer approaches a fence (e.g. barbed wire or cattle fence) which has become live due to a fallen overhead conductor, the Live Alarm will sound a loud 70dB alarm every ½ second to warn the engineer of the proximity of this hazardous voltage.

Each Live Alarm has a factory set alarm distance from a specific voltage source. Clipped to a coat or belt, the Live Alarm will sound a loud 70 dB alarm every ½ second as the wearer approaches live equipment. With the typical factory settings it will alarm within several metres of a high voltage source. However each situation is different - the alarm distance depends on the voltage level and the distance from the source. Should you have special requirements please contact Acksen Ltd, Fax: +44 (0)870 225 1791 or +44 (0)28 9020 1060; or contact your local distributor.

Three standard models are available:

5060-D - designed for 50 and 60 Hz AC power systems at Distribution voltage levels (e.g. 11 - 132 kV)

5060-T - designed for 50 and 60 Hz AC power systems at Transmission voltage levels (e.g. 132 - 400 kV)

1625-R - designed for 16.6 and 25 Hz AC Rail power systems at standard voltage levels (e.g. 15 kV)

Ultra low power consumption in its quiescent state allows each Live Alarm to run for up to 1½ years on one alkaline battery. The Live Alarm does have a low battery warning alarm. Easy-to-use, the unit has only two (membrane) user switches which test the integrity of the detection circuit. Packaged in a small rugged 'clip-on' case (approximately the same size as an audio cassette) and waterproofed to IP65, the Live Alarm is easily clipped on a belt or pocket.

TECHNICAL SPECIFICATIONS (subject to change without notice)

Alarm level (factory)	(5060-D & 1625-R) (5060-T)	140 V/m (3 - 5 metres from source. Distance depends on voltage level). 2,000 V/m (3 - 5 metres from source. Distance depends on voltage level). Other limits may be factory set.
Accuracy	50 & 60 Hz models (5060-D & T) 16.6 & 25 Hz model (1625-R)	±10% ±10%
Frequency response	50 & 60 Hz models (5060-D & T) 16.6 & 25 Hz model (1625-R)	40 - 70 Hz ±3dB 10 - 34 Hz ±3dB
Operating temperature		-10 to +50°C
Battery (provided)		1 x 9V MN1604 - 6LR61 (alkaline)
Quiescent battery life (alkaline)		17,000 hours (2 years)
Battery life with one circuit test per day (1 sec duration)		9,000 hours (1 year)
Case sealing		IP65
Weight		235 g
Dimensions		120 x 65 x 22 mm
Wipe the case with a clean cloth damped with soapy water or Isopropyl Alcohol (IPA).		

WARRANTY & CALIBRATION

All products carry a minimum of a one year warranty back to base covering manufacturing defects and component failures. Each unit is individually calibrated during testing.

CONFORMITY

Safety IEC 1010-1 (1995) EN61010-1 (1995). Emissions EN55022:1994B, (EN50081-1:1992). Immunity EN50082-2:1995, following the provisions of EMC directive 89/336/EEC. All models are CE certified (heavy industrial use, 10V/m)

ORDERING

Includes battery, carrying case & user instructions. For variation please contact Acksen or your local distributor.

50 and 60 Hz AC Distribution power systems (Typically 11 - 132 kV)	Live Alarm 5060-D
50 and 60 Hz AC Transmission power systems (Typically 132 - 400 kV)	Live Alarm 5060-T
16.6 and 25 Hz AC Rail power systems (Typically 15 kV)	Live Alarm 1625-R