

CARL CROSSARM LEAKAGE DETECTOR

The CARL Crossarm Leakage Detector is designed in the UK for the purpose of checking leakage current on crossarms or metalwork on unearthed overhead line systems up to 11kV. With the attachment of standard operating rods the CARL can easily be hooked on to a crossarm to enable a safe means of ascertaining if the metalwork is energised by leakage current through the line insulators.

The CARL instrument consists of:

- i. A 910mm long foam filled fibreglass test rod with two screened banks of resistors and two 11kV switching relays. The test rod has a 250mm aluminium hook with a 180mm opening to accommodate all likely sizes of crossarm or metalwork. The test rod incorporates a male socket.
- ii. An 18 metre length of coaxial cable with one female and one male socket. The cable is insulated to withstand 15kV for 3 metres of its length from the female socket.
- iii. A 2 metre length of earthing cable with a male socket one end and a heavy duty clamp on the other.
- iv. An electronic unit in a robust instrument case, incorporating a digital display to provide "Test", "Pass", "Fail" or "Batt" indications.

Full operating instructions are provided with each instrument.



EDGECUMBE HIGH VOLTAGE DETECTOR

The Edgcumbe High Voltage Detector detects whether HV circuits are energised or de-energised.

- Available in various models covering circuit voltages up to 400kV.
- Designed for indoor and outdoor use.
- Complies with IEC 1243, Part 1.
- Self start, check and arming facilities.
- Visual and audible indications.
- Light, robust compact construction.
- Versions available for testing of dead break connectors.

A comprehensive range of accessories is available including various contact electrodes, Rod and Universal Adaptors, Proving Units and Extension Rods.



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