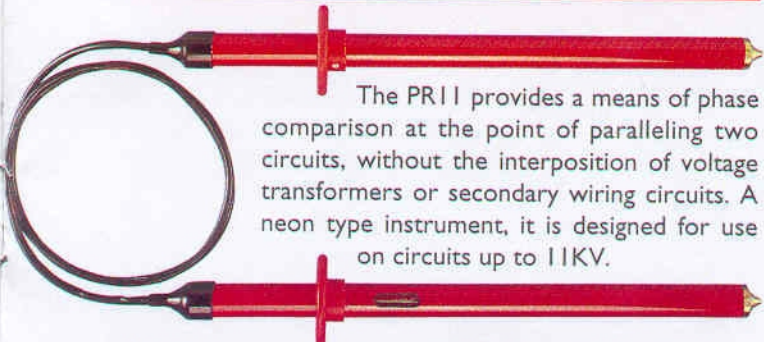


# HIGH VOLTAGE PHASING EQUIPMENT

## PR11

The PR11 provides a means of phase comparison at the point of paralleling two circuits, without the interposition of voltage transformers or secondary wiring circuits. A neon type instrument, it is designed for use on circuits up to 11KV.



### ► Features

- For use on 3.3KV to 11.5KV systems
- PVC hand guards on handles of elements
- Neon indicator enclosed in shock resistant sleeve
- Direct areas possible to all types of switch gear
- Complies with UK Electricity Council Engineering recommendation G9

Part No: 113A910

## PR15D/PR33D

These units enable phase angle comparison on neutral earthed systems up to 15KV and 33KV respectively.



### ► Features

- Provides a means of phase angle comparison and indication of phase angle voltage at the point of intended paralleling of two circuits on neutral earthed systems. Both units are digital instruments
  - Chart provides a means of checking phase angle difference of circuits paralleled
  - Kit comprises two elements with resistor chains, one with digital indicator and the second a phasing rod
  - Accessories: 1 x Proving Unit  
1 x Battery Charger  
2 x Overhead Line Extensions  
All leads and instructions
  - Supplied with carrying case
  - Bent adaptors available for use with switch gear
  - Indicator can be used independently as voltmeter
- PR15D up to 15KV AC 109A912  
PR33D up to 33KV AC 109A913

## TAG500

An electronic, radio frequency operated phasing unit for use on indoor and outdoor installations. Comprises two polycarbonate cases, one housing a transmitter and the other a receiver.

### ► Features

- First phasing device on market without cable link
- Overcomes problem of connecting a cable between transmitter and receiver
- Transmitter (Red): Indicates presence of voltage via an audible and visual signal. Measures phase and transmits the information on polarity (or phase measurements) to the receiver



- Receiver (Yellow): Decodes transmitter information and compares the polarity condition of the two lines and deduces the actual phase of one line relative to the other. Emits audible and visual signal, if lines are in phase
- Self checking facility: (Transmitter, Receiver and HF Link)
- Power supply: 9V alkaline battery per housing
- HF Link, coded 27 Hz, needs no type approval
- Obstacles, such as walls etc, do not disturb link
- Range:- In atmosphere not less than 10m  
Along network not less than 1000m
- Can be used under all weather conditions
- Connects directly to operating rods
- Weight (per housing): 0.42kg Length: 210mm  
Dia: 90mm
- Adaptor for use with Bowthorpe operating rods available
- Delivered complete in metal carrying case with "V" electrode and 120mm diameter hook

VOLTAGE RANGE	PART NO
3KV to 11KV	172A910
11KV to 33KV	Please specify
33KV to 66KV	voltage range
66KV to 132KV	required