High Voltage Multifunction Phasing Stick

PC 7K
PC11K
PC22K
PC33K
PC44K

FEATURES

- No user's assembled parts.
- Dual color-coded scale (%, Vac).
- Neon indicator when >1200Vac.
- Lightweight, robust & compact.
- Carry case included.
- Compare between phases.
- Measure and test phase to earth.
- High quality fiberglass wound rod.
- Self powered operation. No battery required.
- DC version available.
- Measure phase to phase.
- Hi immunity to interference fields.
- Suitable for indoor and outdoor use.
- Current is limited to ±1 milli-ampere.
- Grounded or ungrounded systems.
- Meets IEC 61481 (excludes PC44K).

This PC range of High Voltage Multifunction Phasing Sticks are : all-in-one, a Phase Comparator with color coded scale indication, a Voltage Detector with Neon Indication and a Scaled Voltmeter.
They are available in five models for applications up to 44kV systems (6.6kV, 11kV, 22kV, 33kV and 44kV).

The PC range of Multifunction Phasing Sticks utilizes a long established technique to detect and measure high voltages and perform phasing tests. These dual poles instruments incorporates modern, high quality glass fiber front end, composite polyurethane main body molding to give tough and very lightweight construction and superior safety features. They have Analogue Color Coded Dual Scales and Neon indication.

They are supplied complete with instruction manual and two FACTORY test report certificates and, optionally, a calibration certificate. They are housed in a superb high quality modern plastic case with shock absorbing foam. The New PC range is self powered and does not require battery. They are suitable for indoor and outdoor use (in dry weather). They do not require dismantling or re-assembling and do not have any user's assembled parts, so eliminating the risks of assembly mistake and accidents during High Voltage Work in a breakdown situation.

Fiberglass is of hot stick quality and tested to IEC specs (100kV / 300mm for 1 min). All front end (resistors) are encapsulated. These analogue Multifunction Phasing Sticks are ideally suited for testing of grounded or ungrounded systems. Important applications include checking voltage fuses, testing for correct phase connections, and for absence of high voltage on de-energized lines or apparatus. The dual scale read direct (no multiplier) in kVac or in % of full scale and is color coded (Green = in phase, Red = out of phase). A bright neon is included on the scale for easy visibility indoor and it has dual purpose. The neon is also a detector and start to lit when the voltage across the poles is higher than 1200Vac. In case of unlikely failure of the analogue scale indicator, the neon can be used as voltage detector.

Range of Models

- Models are available to cover system voltages from 1kV to 44kV @50 or 60Hz.
- Contact the factory for information on models suitable for other Voltages.
- All models have Neon and Analogue panel Meter Indicators.
- The following models are available as standard Instruments:

Model	System voltage	Full scale voltage	Maximum voltage
PC7K	6.6kV	8kV	9kV
PC11K	11kV	12kV	15kV
PC22K	22kV	24kV	30kV
PC33K	33kV	36kV	40kV
PC44K	44kV	48kV	55kV