

L-3P

NON-CONTACT PHASE ROTATION TESTER

L-3P non-contact phase rotation tester is a major breakthrough in traditional phase sequence detection methods. The traditional phase sequence detection must be to open the three-phase wire terminal, the phase sequence meter of the three exposed clips or test pins are connected to the exposed three fire lines. This phase sequence meter uses clamp-type non-contact inductive measurement. It does not need to open the wire, and does not need to touch the high voltage exposed live wire. It can directly detect the phase sequence by sandwiching the three super induction high-insulation clamps to clamp the three-phase live wire insulation sheath. It is safe and reliable, and is widely used in electric power, communication, meteorology, railway, oil field, construction, measurement, scientific research and teaching units, industrial and mining enterprises and other fields. At the same time, the Acoustooptic indicates the normal or reverse phase state of the phase sequence of the three-phase power supply.

The L-3P Non-contact phase detector also has functions such as live line inspection, easy power inspection, open circuit search, break point location, and line maintenance.

L-3P phase rotation tester detects quickly and easily, shows at a glance, greatly improves the safety of field tests, effectively protects the personal safety of operators, and increases productivity! It is a safety instrument for phase sequence, motor detection and line maintenance of three-phase power supply!

Functions

1. Live line inspection;
2. Phase loss judgment;
3. Circuit breaker search;
4. Breakpoint location;
5. Line maintenance;
6. Simple electricity inspection;
7. Phase detection (normal phase, reverse phase);



Features

1. Auto check;
2. Test quickly;
3. AC 70~4000V;
4. With luminous beep;
5. Wide detection voltage range;
6. This new design structure;
7. Powered by 9V cell batteries;
8. Non-contact detection L1 L2 L3;
9. Check all kinds of electric device's phase sequence;

Parameters

Electrical parameters	
Power	9V battery, continuous use time is about 70 hours.
Measure mode	Non-contact clipping method
Wire position	The measured wire is in the center of the jaw
Frequency	50Hz/60Hz Automatic Identification
Live electricity range	AC 70–4000V, 45-65Hz(Sine wave continuous input), Conducted electrostatic detection
Measuring the highest voltage	AC 4000V
Clamp wire size	Outside diameter \varnothing 1.5mm– \varnothing 48mm
Display	[Positive phase] 4pcs phase detector lights are turned on in a clockwise direction; [Reverse phase] 4pcs phase detection lights are turned on counterclockwise; [Live electricity] L1, L2, L3 lights in the voltage setting range; [Lack of phase] L1 or L2 or L3 lights are not lit; [Open circuit] L1 or L2 or L3 lights are not lit;
Beep	[Positive phase] The instrument emits intermittent short beep; [Reverse phase]The instrument emits a continuous long beep.
Battery check	After the power is turned on, the power indicator is on; the battery is low; the low battery lamp is
Clamp lead length	0.6m
Automatic shut-down	After about 6 minutes of power on, the meter automatically shuts down to reduce battery
Battery voltage	When the battery voltage drops to about 5.2V, the battery voltage is low symbol to remind to replace the battery
Maximum rated power	300mVA
Insulation strength	3.7kVrms
Protection level	IP65
Suitable for Safety Regulation	EN61010-1: 2001, EN61010-031: 2002, pollution grade 2, CAT III(600V), Instant overvoltage
Mechanical parameters	
Dimensions	117.6mm×81mm×25mm (L×W×T)
Weight (g)	260 (with battery)
Environmental conditions	
Operating Temperature	-15°C to +55°C
Storage Temperature	-20°C to +65°C
Relative humidity	0%-95% RH