

FR2060 Non-contact phase sequence meter



I. Product Introduction

FR2060 non-contact phase detector 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 table of the three exposed clips or test pins are connected to the exposed three fire lines. The FR2060 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. At the same time, the acousto-optic indicates the normal or reverse phase state of the phase sequence of the three-phase power supply.

FR2060 non-contact phase detector also has functions such as live line inspection, easy power inspection, open circuit search, break point location, and line maintenance.。

FR2060 non-contact phase detector 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!

II. Technical Specification

Function	Phase detection (normal phase, reverse phase), live line inspection, simple electricity inspection, phase loss judgment, circuit breaker search, breakpoint location, and line maintenance.
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	AC70~1000V, 45/65Hz (Sine wave continuous input), Conducted electrostatic detection
Measuring the highest voltage	AC1000V
Clamp wire size	Outside diameter $\phi 1.5\text{mm} \sim \phi 48\text{mm}$
Display	【Positive phase】 4 phase detector lights are turned on in a clockwise direction;
	【Reverse phase】 4 4 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 on。
Clamp lead length	0.6m
Instrument size	L 117.6mm×W 81mm×T 25mm
Automatic shut-down	After about 6 minutes of power on, the meter automatically shuts down to reduce battery consumption.
Battery voltage	When the battery voltage drops to about 5.2V, the battery voltage is low symbol to remind to replace the battery
Instrument weight	Instrument: 260g(including battery)
Maximum rated power	300mVA
Working temperature and humidity	-10℃～55℃; below 80%rh
Storage temperature and humidity	-20℃～60℃; below 90%rh
Insulation strength	3.7kVrms
Suitable for Safety Regulations	EN61010-1: 2001、EN61010-031: 2002、 pollution grade 2、 CAT III(600V)、 Instant overvoltage 6000V。

III. Accessories

Instrument	1PC
Instrument bag	1PC
Detector battery	9V Alkaline battery 1PC
Manual, certificate	1SET



GuangZhou ZhengNeng Electronics Technology Co.

Address: 2F, No.15 Baoshu Road, Taihe, Baiyun District, Guangzhou, Guangdong, China

Toll-free call: 4000-1515-38

Tel: 86-20-36544172

Fax: 86-20-37319075

Post: 510540

Website: www.znel.e.com