

Digital 3 Phase Detector

RDXZ-2 Phase Detector is a major breakthrough in the traditional phase sequence detection method. In the traditional phase sequence detection, the terminal of three-phase wire should be stripped, and the three bare clamps or test pins of the phase sequence meter should be connected



to the three bare live wires. Instead of stripping the wire and contacting the high-voltage bare live wire, the clamp type non-contact inductive measurement is used to directly clamp the three super induction and high insulation clamps to the three bare live wires. At the same time, it indicates the positive or negative phase state of phase sequence of three-phase power supply. There are four powerful magnets on the back of the instrument, which can be hung on the distribution box. At the same time, it has the functions of live line inspection, simple power inspection, open circuit search, breakpoint positioning, line maintenance and so on. The detection is fast and convenient, and the display is clear at a glance, which greatly improves the safety of the field test, effectively protects the personal safety of the operators, and increases the productivity! Is three-phase power phase sequence, motor detection, line maintenance of the safety instrument!



Product features

1. The clamp type non-contact inductive measurement is adopted, so that the phase sequence can be detected by directly clamping three super induction high insulation clamps on the insulation skin of three-phase live wire without stripping the cable skin or contacting the high-voltage exposed live wire.
2. Non-contact detection, safe and fast to improve productivity.
3. Dynamic acousto-optic indication of the positive phase or reverse phase state of the three-phase power supply phase sequence is clear at a glance.

4. The bottom plate of the instrument is equipped with four magnets, which can adsorb the instrument on the metal shell of the equipment during the test, so the operation is convenient and handy.



Product specifications and technical parameters

Model.No	RDXZ-2
Power supply	No. 5 batteries (LR6) ×2
Jaw size	The external diameter of clampable conductor is $\Phi 1.6\text{mm} \sim \Phi 16\text{mm}$
Voltage range	AC 70~1000V
Automatic shutdown	It will shut down automatically in about 5 minutes
Working environment	-10 ~ 50 °C, below 80% RH
Storage environment	-20 ~ 60 °C, below 90% RH
LED display	[positive phase] four phase detection lamps turn on clockwise;
	[reverse phase] four phase detection lamps turn on in turn in a counter clockwise direction;
	[live electricity] L1, L2 and L3 lights are on within the voltage setting range;
	[lack of phase] L1 or L2 or L3 lights are not on;
	[open circuit] L1 or L2 or L3 lights are not on.
Beeps	[positive phase] the instrument makes intermittent short sound;
	[reverse phase] the instrument sounds continuously.
Battery check	After the power is turned on, the power indicator light is on; when the power is insufficient, the Low Battery light is on
magnetic force	There are four magnets attached on the back of the instrument, which can be hung on the power distribution box and can withstand the weight of 800g
Clamp lead length	0.6m
maximum voltage	AC1000V
Insulation strength	5.4kVrms
Maximum rated power	300mVA
Suitable for safety regulation	En61010-1:2001, en61010-031:2002, pollution level 2, cat III (600V), instantaneous overvoltage 6000V
product quality	About 215g (including battery)
product size	Width x Height x thickness: 70mm × 75mm × 30mm



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