



Product Function

Applied to ring main unit phase detection, and phase, frequency, phase sequence test of the power distribution system.

Product Feature

1. Adopt with wireless transmission technology, phase detection distance up to 30m, phase detection accurately and operation convenient.
2. Voice prompt: "X signal normal, Y signal normal, Same phase, Out phase"
3. Equip with 3.5 inch LCD colorful screen, which can display the phase, frequency, phase sequence, and phase detection results on the same screen. The dynamic vector diagram indication, clear and obvious.
4. With data storage function, can store 200 groups of data. With USB interface and data upload function., stored data can upload to computer, save and print

Technical Specifications

Power Supply	Host: 3.7V, 2600mAh Rechargeable lithium battery; Detector: 3.7V, 1000mAh Rechargeable lithium battery
Phase Detection Voltage	AC 1V~600V
Phase Detection Distance	30m
Voice Prompt	"X signal normal, Y signal normal, Same phase, Out phase".
Phase Qualitative	Same phase: $-20^{\circ}\sim 20^{\circ}$; Out of phase: $100^{\circ}\sim 140^{\circ}$ and $220^{\circ}\sim 260^{\circ}$
Phase Range	$0^{\circ}\sim 360^{\circ}$; Accuracy: $\leq \pm 8^{\circ}$; Resolution: 1°
Frequency Range	45.0Hz~65.0Hz; Accuracy: $\leq \pm 2\text{Hz}$; Resolution: 0.1Hz
Transmitting Frequency	433MHz
Phase Indication	Vector diagram and digital display at the same time
Data Storage	200 groups(Power down or replace the battery will not lose data)
Automatic Shutdown	15 minutes without any operation after starting up, the detector will shutdown automatically
Battery Voltage	The host battery shows 4 grip of power, when only 1 or 0 grip, please charge; When the indicator light of the detector flashes quickly, indicates that the battery voltage is low, please charge
Rated Current	Detector: 30mA max; Host: 150mA max
LCD Size	3.5 inch colorful screen; Display area: 71mmX53mm
Weight	Host: 750g(include battery)
Instrument Dimension	Host: 195mmX100mmX45mm; Detector:120mmX54mmX30mm
Working Temperature & Humidity	$-10^{\circ}\text{C}\sim 40^{\circ}\text{C}$; below 80%RH
Store Temperature & Humidity	$-10^{\circ}\text{C}\sim 60^{\circ}\text{C}$; below 70%RH
Protection Level	IP63
Suitable Safety Standard	GB13398-92, GB311.1-311.6-8, 3DL408-91, and the national power industry standard requestment (general technical conditions DL/T 971-2017 for 1kV ~ 35kV portable nuclear phase devices for live working).
Insulation Test	Host, detector: AC3700V/rms(between the exposure metal and plastic shell)
Accessories	Host: 1PCS, Detector :2PCS, USB Data Cable/ 3in1 Charge Cable: 2PCS, Charger Adaptor: 1PCS, Cloth Bag: 1PCS, Alligator ClipX 2PCS