



Product Function

Applied to electric power lines below 500KV, high voltage switchgear (metalclad withdraw switchgear, ring main unit, etc.) or substation phase detection, phase test, phase sequence judgment and electricity testing, etc.

Product Features

1. Adopt with wireless transmission technology, phase detection distance up to 200m, phase detection accurately and operation convenient.
2. Voice prompt: "X signal is normal, Y signal is normal, Same phase, Out phase"
3. Equip with 3.5inch 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. The detector also has electricity checking function, can display the voltage level.
5. Data storage function, which can store 200 groups of data.USB interface with data upload function, storage data can be uploaded to the computer, save and print.

Technical Specifications

Power Supply	Host: 3.7V, 2600mAh Rechargeable lithium battery; Detector: 3.7V, 1000mAh Rechargeable lithium battery
Phase Detection Method	1. Contact mode phase detection: $\leq 110\text{kV}$ circuit line 2. Non-Contact mode phase detection: when display between $\geq 10\text{kV}$ and $\leq 110\text{kV}$, it can make phase detecting on the insulation skin of the cable; when the line voltage $> 110\text{kV}$, must use non-contact phase detection
Phase Detection Voltage	AC 10V~500kV
Phase Detection Distance	200m
Voice Prompt	"X signal is normal, Y signal is normal, Same phase, Out phase".
Phase Qualitative	Same phase: $-20^{\circ} \sim 20^{\circ}$; out phase: $100^{\circ} \sim 140^{\circ}$ and $220^{\circ} \sim 260^{\circ}$
Phase Range	$0^{\circ} \sim 360^{\circ}$; Accuracy: $\pm 8^{\circ}$; Resolution: 1°
Frequency Range	45.0Hz~65.0Hz; Accuracy: $\pm 2\text{Hz}$; Resolution: 0.1Hz
Electric Testing Indication	"du-du-du" buzzing sound
Voltage Display	Display the voltage level
Transmitting Frequency	433MHz
Phase Indication	Vector diagram and digital display
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
Instrument Weight	7.53KGS(include accessories)
Instrument Dimension	Host: 195mmX100mmX45mm; Detector: 130mmX65mmX45mm
Insulation Rod Length	Max Diameter: $\Phi 45\text{mm}$; Length: contraction state 1000mm; stretched state: 4300mm
Insulation Test	The insulation rod stretched to both ends: AC 220kV/rms; host & detector: AC 3700V/rms (between exposed metal and plastic shell)
Accessories	Host: 1PCS, Detector: 2PCS, Probe: 2PCS, Probe Hook: 2PCS, Insulation Rod: 2PCS, Software CD: 1COPY, USB Data Cable/ Charge Cable: 2PCS, Charger Adaptor: 2PCS, Inspection Cable: 1PCS, Ring cabinets test line : 1PCS; Cloth bag : 1PCS