

PW-VP50 Polarity Checker

Introduction

PW-VP50 Polarity checker is the favorable meter which can be used for field CT and transformer polarity test in power plants, substations and any other application which may need to check the polarity. There are 2 units included in PW-VP50. One master machine which can automatically inject high-precision pulse current with adjustable amplitude and period to the primary side of CT, three-phase at the same time. The other slave machine will receive and analysis the waveform of induced pulse current at the secondary side so as to judge the polarity is positive or negative automatically by the LED indicator on the kits.



This testing method is very simple, reliable and easy to use. There are built-in battery inside the kits and very small size so that engineer can use it to quickly complete the polarity detection work not only for CT, but also the secondary protection relay circuit's polarity check.



Master Machine

Master Machine

Phase Output Option	A phase/ B phase/ C phase / three-phase
Period Output Option	2s/3s/4s/5s
Current Output Option	1A/2A/3A/5A
Output Mode	Single trigger/ Cyclic trigger
Power Supply	Li-Battery
Battery Capacity	DC 7.4V(5000mAh)
Weight	450g

Slave Machine

Polarity Check Mode	Automatic Check
Test Result Indication	LED light indicator and Buzzer
Power Supply	4pcs AAA Alkaline
Weight	250g



Slave Machine

Wiring Diagram

