

T-203

AUTOMATIC THREE PHASE TRANSFORMER TURNS RATIO TESTER

In power transformer Finished product production process, before the new installation of the transformer in operation, according to the national ministry of preventive test procedures, require the operation of transformer turn ratio or voltage ratio test, to check the correctness of the transformer turn ratio tap-changer of transformer whether inter turn short circuit transformer whether can run parallel.

T-203 automatic transformer turns ratio tester adopts three-phase power supply output voltage, the test speed Instrument to adopt advanced technology for A/D, wide range range; High speed single chip microcomputer as the core digital processor, the test fast; English menu display, comprehensively improve the humanization and intelligent, instrument optional RS232 serial and USB connect with computer on line, to realize the remote control of the instrument and intelligent analysis of the data A three phase transformation ratio test, the test speed quickly, High accuracy and Perfect protection function.

Application

1. Power plant;
2. Universities;
3. Research institutes;
4. Electrical testing center;
5. Transformer manufacturers;
6. Voltage transformer factory;
7. ISO17025 Electrical laboratory;
8. Railway electrical department;
9. Electricity power bureau & power company;
10. Power engineering commissioning company;
11. Electrical Department of industrial and mining enterprises;



Features

1. Can be a variety of single-phase three-phase transformer and Z type and so on commonly used than wide test range and error calculation;
2. Three-phase power supply test instrument. Can be set up AC160V / 10 v test voltage. Have a larger output current, load ability. High test speed;

3. High low voltage reverse connect protection function, the short circuit of transformer Inter turn short circuit protection function;
4. Automatic conversion, without artificial calculation, to avoid the problems of variable than non integer input, a higher precision;
5. Large screen LCD menu, not to drop the electric clock and date display, memory 100 test data, in order to you at any time to view and print;
6. Instrument with communication interface, data management software is optional USB storage.

Parameters

Electrical parameters		
Power supply		Single phase AC 220V±10% or 110V±10%, 50/60HzAC
Test power		1VAC,10VAC,100VAC,160VAC
Data storage		100 groups
Display precision		5 Bits, resolution ratio: 0.0001
160V testing voltage	Range1	0.8-2000: 0.05%±2words;
	Range2	2000-4000: 0.1%±2words;
	Range3	4000-10000: 0.2%±2words;
Measuring range ratio	Ratio	0.8-10000
	Accuracy	0.1%±2words;
LCD		5.7"black and white LCD display
Key		9PCS
Test Cable		12m
Calipers		4pcs (big), 4pcs (small)
Communication		RS232 and USB communication interface
Printer		internal installed 58mm wide thermal printer.
Degree of protection		IP65
Standard		IEEE C57.152-2013, IEC 60076-1:2011, AS/NZS 60076.1:2014,
Mechanical parameters		
Dimension (L×W×H) (mm)		415x320x168
Weight (kg)		7
Environmental conditions		
Operating temperature		-10°C to 50°C
Storage temperature		-20°C to 70°C
Relative humidity		≤85%RH