TEST-750

Single Phase Microcomputor Protection Relay Test Set

TEST-750 single phase relay test set is a portable relay test unit, high performance, operation simply, portable designed to test in the field; it adopts aluminum alloy body with PC panel, robust shape; microcomputer with the 32bit ARM chip control, LCD screen display single-phase protective relay test device of voltage and current output stopwatch; a full isolation, adjustable AC and DC voltage, AC direct current; an adjustable DC voltage and an adjustable AC voltage; output circuit with double overload protection, high output capacity, small size, light weight, high reliability. The equipment is suitable for a variety of relay field calibration and performance test. So this model relay test set is a good ideal tool for power engineering company to test over-current relay and over-voltage relay.

Application

1. Universities;
2. Power plant;
3. Oil, Gas company;
4. Panel manufacturer;
5. Electrical laboratory;
6. Relay manufacturers;
7. Electrical testing center;
8. Railway electric company;
9. Electricity power bureau & power company;
10. Power engineering commissioning company;
11. Electrical Department of industrial and mining enterprises;

Features

1. Power capicity 1000VA;
2. Stopwatch time accuracy 0.1ms;
3. It can test ac micro circuit breaker;
4. With AC/DC voltage meter from 0 to 600V;
5. The maximum output current: 0-150A or 0-250A;
6. AC voltage output 0-250V, DC voltage output 0-300V;
7. With internal electronic stopwatch potential and contact;
8. As a single phase AC current source, or AC voltage source;
9. Equipped with LCD digital AC/DC ampere meter from 0 to 6A;
10. Integrated kit design with multiple functions, and easy to carry;
11. Short circuit, overload and over range protection automatically;
12. U/I AC Test and DC Test, All the isolation adjustable DC voltage output;

Parameters

Electrical parameters				
Accuracy	0.5% or 0.2%			
Power supply	220V±10% 1000VA·50/60Hz; 110V±10% 1000VA·50/60Hz;			
Turn on/turn off auxiliary contacts				
Max current	1A			
Max voltage	AC250V or DC120V			
AC current output				
AC current range	0-150A or 0-250A			
Range	0-10A	0-40A	0-100A	0-100A
No-load Voltage(Min)	90V	25V	10V	10V
Full-load Voltage (Min)	80V	22V	8V	6V
Full-load Current (Max)	10A	40A	100A	250A
AC/DC voltage output				
Range	0-250V(AC)	0-300V(DC)		
No-load Voltage(Min)	250V	320V		
Full-load Voltage (Min)	240V	250V		
Full-load Current (Max)	3A	3A		
Auxiliary DC voltage output				
Range	5-120V	110-220V		
Max Voltage	120V	220V		
Max Current	0.5A	0.5A		
Auxiliary AC voltage output				
Range	0-120V			
Max voltage	120V			
Max current	0.5A			
Stopwatch				
Range	0.0000-999999S			
Resolution	0.1mS			
Accuracy	±5 words			
Max input voltage (With contact and potential input)	DC 250V			
Ammeter				
Range	Inside 0.000-150.0A or 0.000-250.0A Outside 0.000-6.000A(AC or DC)			
Accuracy	0.2%			

Electrical parameters - continued	
Voltmeter	
Range	0.0-600.0V(AC or DC)
Accuracy	0.2%
Measuring mode	AC True RMS DC Average value
Interface	
Serial interface	RS232
LCD	320*240 Greenlight LCD display
Resistor	
Resistance	0.5Ω-2.5kΩ
Capacitor	10 μF, max voltage 450 V AC
Standard	2006/95/EC, EMC 2004/108/EC, IEC61000, IEC61010, IEC 61326, JJG1112-2015, DL/T624-2010, DL/T 1153 -2012
Mechanical characteristics	
Dimensions (W×D×H) (mm)	340×270×260
Weight	18kg
Mechanical parameters	
Operation temperature	0°C to 50°C
Storage temperature	-40°C to 70°C
Humidity range	Relative humidity 5 ... 95 %, non-condensing