

RJ6813 Ground Resistance Tester



Product Description

RJ6813 Ground Resistance Tester is a basic safety test instrument and its maximum output current is 25A, It is continuously adjustable from 3.0A to 25.0A, with a stepping of 0.1A, It is integrated with automatic test function and can be automatically started after the connection of the tested product is completed.

Key Features

- LED digital tube display, bright and intuitive, ultra-long observation distance, suitable for production line use;
- 3.0A~25.0A precision constant current test, 50Hz/60Hz dual frequency output;
- High-efficiency automatic test with programmable delay time;
- Upper and lower limit thresholds can be set, intelligent judgment, sound and light alarms;
- 100 setting groups selectable;
- Meet the test requirements of CCC, IEC, EN, VDE, BS, UL, JIS and other mandatory standards for electrical safety.

Applicable standards

- IEC60335, GB4706.1, UL60335 Safety of electrical appliances for domestic and similar purposes Part I: General Requirements
- UL60950-1, GB4943, IEC60950-1 Information Technology Equipment
- UL60065, GB8898, IEC60065 Safety requirements for audio, video and similar electronic apparatus

National Service hotline: 4008-515-616

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- IEC61010, GB4793.1 Safety requirements for electrical equipment for measurement, control and laboratory use

Specification

| Function | | | Technical specifications |
|------------------------|--------------------------------|----------------------------|---|
| Output Characteristics | Output current | Range/Resolution /Accuracy | 3.0A~25.0A / 0.1A / $\pm(3\%st.+5dgt.)$ |
| | Current Frequency | Range/Accuracy | 50Hz / 60Hz / $\pm 0.1\%$ |
| | Open circuit voltage | | <12V |
| | Output Capacity | | 200VA |
| Parameter setting | Resistance limit setting | Range/Resolution | 3.0A~10.0A: 1m Ω ~600m Ω / 10.1A~25.0A: 1m Ω ~300m Ω /1m Ω |
| | Lower resistance limit setting | Range/Resolution | 0m Ω ~100m Ω / 1m Ω |
| | Time setting | Range/Resolution | 1.0s~999.9s / 0.1s |
| Parameter Measurement | Current Measurement | Range/Resolution /Accuracy | 3.0A~25.0A / 0.1A / $\pm (3\%rdg.+5dgt.)$ |
| | Resistance Measurement | Range/Resolution /Accuracy | 0m Ω ~600m Ω / 1m Ω / $\pm (3\%rdg.+5dgt.)$ 3.0A-10.0A 0m Ω ~300m Ω / 1m Ω / $\pm (3\%rdg.+5dgt.)$ 10.1A-25.0A |
| | Time measurement | Range/Resolution /Accuracy | 1.0s~999.9s / 0.1s / $\pm (1\%st.+0.1s)$ |
| Other indicators | External Interfaces | | RS232,PLC;(Optional: RS485) |
| | Operating Environment | | 0°C~40°C,20%RH~70%RH |
| | Power Supply | | AC220V,50/60Hz |
| | Weight | | 9.9kg |
| | External Dimension | | 300mm×88mm×380mm(W×HxD) excluding under-chassis, with under-chassis height of 15mm |
| | Attachment | | 1 instruction manual, 1 power cord (1.5 m), 1 communication cord (1.5 m), 1 set of test cables (1.5 m) |

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