

High-Power Power Line Interference Generator

YD1089

Datasheet



In Compliance with

- > GR-1089
- > YD/T993:2006
- > ITU-T K21
- > ITU-T K44

Introduction

Power line interference generator YD1089 is designed to simulate the interference generated by the high-power power line to the signal / data lines through electromagnetic inductance or direct contact.

Features

- > Miniaturized dimension, high and reliable performance with the state-of-art technologies and built-in control system
- > Easy operation and endurable with integrated system
- > Superior quality with imported key components
- > Wide range of functions in control, measurement, protection, connection, alarms, hints
- > Unique data acquisition and measurement methods
- > Great overload capacity and current-limiting protection

Application Areas

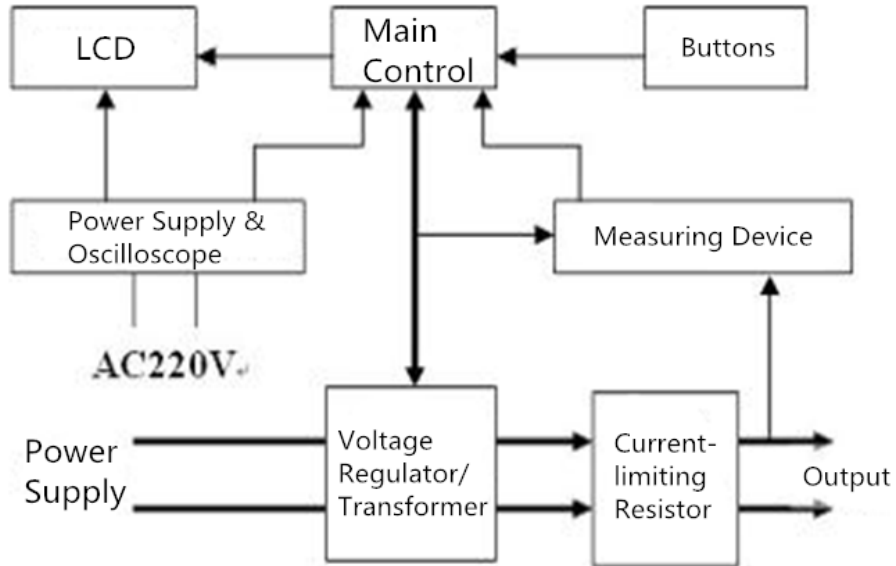
- > Telecom
- > Medical
- > Broadcasting
- > Railway & rail transit
- > IT
- > Military
- > Avionics
- > New energy power

Technical Parameters	
Test Interval	5 s – 99 min 99 s
Test Duration	99 min 99 s
No. of Tests	1 – 999
Triggering Method	Automatic / manual
Main Operating Power	Single-phase AC 220 V ($\pm 5\%$), ≥ 150 kVA, 50 Hz / 60 Hz ($\pm 5\%$)
Auxiliary Operating Power	Single-phase, AC 220 V ($\pm 10\%$), ≤ 10 A
Dimension	1,400 x 750 x 1,700 mm
Weight	1,100 kg

Output Voltage	Test Mode	Output Current ($\pm 10\%$)
AC 100 V – 300 V ($\pm 10\%$)	Contact mode < 20 min	9 A – 27 A; 22 A – 66 A
AC 400 V ($\pm 10\%$)	Inductance mode < 1 min	0.5 A; 1 A;
	Contact mode < 20 min	5 A; 15 A; 30 A; 60 A; 120 A; 350 A;
AC 600 V ($\pm 10\%$)	Inductance mode < 1 min	0.5 A; 1 A; 7 A; 40 A; 60 A;
	Contact mode < 20 min	2.2 A;
AC 1,000 V ($\pm 10\%$)	Contact mode < 20 min	0.5 A; 15 A; 30 A; 60 A; 120 A;

Structure of the Generator

YD-1089 consists of built-in main control unit, LCD display, power supply, power input regulating devices, and measuring devices etc.





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