

Communication Surge Generator

CWS 1089B



■ GR-1089-CORE

— Features

- > 5.7-inch color touch screen for easy operation
- > Support 10/250 μ s voltage wave and current wave generation

— Introduction

The CWS 1089B communication surge generator includes 10/250 μ s voltage and current waveforms, complies with the requirements of GR-1089-CORE 2011 issue 6, and supports two-port testing.

The CWS 1089B communication surge generator is designed with programmable controller technology. It greatly simplifies system integration and improves system reliability. The unique color touchscreen interface provides excellent human-machine interaction, making the operation process simple and convenient.

— Application Areas



Technical Parameters

Test Voltage	200 V ~ 4,000 V (-0% ~ +16%)
Voltage Rise Time	4 μ s ~ 10 μ s
Voltage Pulse Duration	250 μ s ~ 400 μ s
Test Current	133 A ~ 2,667 A (1.5 Ω , -0% ~ +16%) 100 A ~ 2,000 A (2 Ω , -0% ~ +16%) 25 A ~ 500 A (8 Ω , -0% ~ +16%)
Current Rise Time	7 μ s ~ 10 μ s
Current Pulse Duration	250 μ s ~ 300 μ s
Polarity	Positive, negative and alternative
Counter	1 ~ 999
Test Repetition	6 s ~ 99 s

General Parameters

Display Screen	5.7-inch TFT touchscreen
Working Power	AC 220 V, $\pm$ 10%, 50 Hz /60 Hz
Fuse	10 A
Ma. Power Consumption	1,500 W
Communication Mode	Ethernet LAN, RJ45
Working Status Indication	LED indication and LCDdisplay on the front panel
Grounding Method	Flat grounding wire
Dimension	19-inch/35 U, 600 (W)*1250 (H)* 800 (D) mm
Weight	Approx. 227 kg
Ambient Temperature	15°C ~ 35°C
Relative Humidity	45% ~ 75% RH (no condensation)
Atmospheric Pressure	86 kPa ~ 106 kPa

Standard Accessories

Power Cord, User Manual, Test Cables, Flat Grounding Wire, Fuse

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