



Impulse Current Control Unit **MCS 2000-6U**

Impulse Current Simulator **S12A500**

- IEC 61643-11
- GB/T 18802.11

Features

- > 10-inch color touch screen front panel operation
- > Max. test current 5 kA
- > Support text sequence function and easy operation
- > The control unit is separated from the simulator and supports remote operation
- > Fiber-optic communication for stable and reliable operation

Introduction

The Impulse Current Test System consists of the MCS2000-6U control unit and the S12A500 simulator. It can generate a 10/350 μ s impulse current waveform with a Max. output current of 5,000 A.

Application Areas



Technical Parameters

Test Current Range	100 A ~ 5,000 A, $\pm 10\%$;
Current Waveform	Front time: $10\ \mu\text{s} \pm 20\%$ Time to half value: $350\ \mu\text{s} \pm 20\%$ Front time definition: 10% ~ 90% Time to half value definition: 0% ~ 50%
Output Polarity	Positive
Source Output Impedance	$2.5\ \Omega$

General Parameters

Display Screen	10" TFT touch screen
Working Power	AC 220 V, $\pm 10\%$, 50/60 Hz $\pm 5\%$
Fuse	6A (MCS2000-6U) / 10 A (S12A500)
Max. Power Consumption	1,500 W
Trigger Mode	Auto
Grounding Method	Flat grounding wire
Dimension	6 U rack, L * W * H: 550 * 280 * 450 (MCS2000-6U) 35 U rack, L * W * H: 800 * 600 * 1,850 mm (S12A500)
Weight	Approx. 15 kg (MCS2000-6U) Approx. 300 kg (S12A500)
Atmospheric Pressure	86 kPa ~ 106 kPa
Ambient Temperature	$15^{\circ}\text{C} \sim 35^{\circ}\text{C}$
Relative Humidity	45% ~ 75%

Standard Accessories

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

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