

厂家供应NAICG全自动雷电冲击电流发生器

产品名称	厂家供应NAICG全自动雷电冲击电流发生器
公司名称	南澳电气（武汉）有限公司
价格	1.00/套
规格参数	品牌:南澳电气(武汉)有限公司 型号:NAICG 输出电流范围:4/10us波形达到200kA
公司地址	武汉市东湖高新技术开发区光谷大道60号光谷科技产业园8栋
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产品详情

产品简介

NAICG型冲击电流发生器主要用以检验电气设备耐受冲击电流稳定的能力，广泛应用于氧化锌避雷器阀片进行冲击电流试验，气象防雷也可以用于其它研究性试验。

NAICG型冲击电流发生器可产生4/10us、8 / 20us、10 / 350us、18 / 40us标准冲击电流波形，波形的技术指标符合标准和IEC标准的规定，产品通过部级鉴定，主要技术性能处于国内优势地位，达到国际同类产品的优势技术水平。

产品别名

冲击发生器，雷电冲击发生器，电压发生器，脉冲发生器

产品特性

- 1、体积小、结构紧凑、调波方便；
- 2、输出电流大(4/10us波形达到120kA)；
- 3、本装置采用下球气缸推动触发方式，同步性能好，动作可靠；
- 4、每只主电容器套管上都串有一只大能量的无感吸能电阻，确保主电容器的安全；
- 5、采用恒流充电计算机测量控制一体化系统，自动化程度高，抗干扰能力强。

主要产品参数

A、五种冲击电流波形发生器的主要技术参数

额定电压：±60kV或4-120kV

1/20us陡波冲击电流幅值20kA ± 5%

4/10us冲击电流幅值100kA ± 5%

8/20us雷电冲击电流幅值40kA ± 5%

30/80us操作冲击电流幅值2kA ± 5%

18/40us冲击电流幅值20kA ± 5%

B、六种冲击电流波形发生器的主要技术参数

额定电压：±60kV或±120kV

2000us方波冲击电流幅值1.5kA ± 5%

1<20us陡波冲击电流幅值20kA ± 5%

4/10us雷电冲击电流幅值100kA ± 5%

30/80us操作冲击电流幅值2kA 4-5%

18/40us冲击电流幅值20kA ± 5%

Product introduction

The impulse current generator is mainly used to test the stability of electrical equipment withstanding impulse current, it is widely used in impulse current test for zinc oxide surge arrester, meteorological lightning protection and other research trials.

The impulse current generator can produce 4/10us, 8/20us, 10/350us, 18/40us standard impulse current waveform, the technical specification of waveform is in line with national standards and IEC standards, and the product has passed the ministerial appraisal, the main technical performance is in the domestic leading position, has reached the advanced level of international similar products.

Also called name

Impulse Generator, lightning impulse, voltage pulse generator, pulse generator

The Characteristics of the products

- (1) Small volume, compact structure, easy to adjust wave.
- (2) High output current (4/10us waveform can reach 120kA);

- (3) The device adopts the trigger mode which is driven by the under ball cylinder, the performance is good and the operation is reliable;
- (4) The casing of each main capacitor is connected with a large non-inductive absorption power resistor to ensure the safety of the main capacitor;
- (5) Adopting constant current charging of computer measurement and control integrated system, high degree of automation, strong anti-interference ability.

The parameters of the products

1、 Five kinds of impulse current waveform generator

- (1) Rated voltage: $\pm 60\text{kV}$ or $4 \sim 120\text{kV}$
- (2) The amplitude of 1 / 20us steep wave impulse current: $20\text{kA} \pm 5\%$
- (3) The amplitude of 1 / 10us impulse current: $100\text{kA} \pm 5\%$
- (3) The amplitude of 8 / 20us lightning impulse current: $40\text{kA} \pm 5\%$
- (4) The amplitude of 30 / 80us operating impulse current: $2\text{kA} \pm 5\%$
- (5) the amplitude of 18 / 40us impulse current: $20\text{kA} \pm 5\%$

2、 Six kinds of impulse current waveform generator

- (1) Rated voltage: $\pm 60\text{kV}$ or $\pm 120\text{kV}$
- (2) The amplitude of 2000us rectangular impulse current: $1.5\text{kA} \pm 5\%$
- (3) The amplitude of 1 / 20us steep wave impulse current: $20\text{kA} \pm 5\%$
- (4) The amplitude of 4 / 10us lightning impulse current: $100\text{kA} \pm 5\%$
- (5) The amplitude of 30 / 80us operating impulse current: $2\text{kA} \pm 5\%$
- (6) the amplitude of 18 / 40us impulse current: $20\text{kA} \pm 5\%$