

NAAS-500A直流断路器安秒特性测试仪

产品名称	NAAS-500A直流断路器安秒特性测试仪
公司名称	南澳电气（武汉）有限公司
价格	10.00/台
规格参数	品牌:南澳电气 型号:NAAS-500A 生产厂家:南澳电气(武汉)有限公司
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
联系电话	027-87677658 15327206266

产品详情

产品简介

随着国民经济的飞速发展，民用和工业用电量的急剧增大，保障电网的安全运行工作越来越重要，在电力系统中，直流电源系统作为继电保护、自动装置、控制操作回路、灯光音响信号及事故照明等电源之用。

目前国内进行直流断路器安秒特性检测的机构和生产厂家用于直流空开安秒特性检测的设备均为固定设备，如固定的大电流电源、大型负载电阻，体积大、重量大，不便于移动检测，分析仪表均为常规仪表如电压表、电流表、示波器等，接线复杂，使用不便，不适应各变电站移动检测需要。为解决现场对直流断路器实际特性检测的问题，南澳电气推出了一种适合变电站现场使用、便于携带、自动化程度高的"NAAS-500A直流断路器安秒特性测试仪"，可以为运行维护部门提供直流保护电器动作特性的测试手段，对直流保护电器的动作特性以及级差配合进行校验，以便提高直流系统运行的可靠性，保证电网的安全可靠运行。

NAAS-500A直流断路器安秒特性测试仪是专为变电站试验、检修、维护工作而设计。满足直流断路器的超载和短路特性测试，从而提高变电站直流系统的健康水平，避免直流配电网络出现越级跳闸和引发的大面积停电事故。

产品别名

直流断路器安秒特性测试仪、安秒特性、直流断路器安秒特性测试仪

产品特性

1、主控部分采用高性能工控机，Windows XP操作系统，实时显示各项参数曲线图及数值

- 2、键盘、触摸板输入(可外接USB鼠标)；5.7寸TFT真彩液晶屏显示。操作简单、界面美观，所有参数一目了然
- 3、开关恒流控制技术，新型功率器件，1A ~ 500A自主设定恒流输出，恒流精度高，负载能力强，可长时间稳定工作
- 4、适用于额定电流1A ~ 500A直流断路器的安秒特性测试，并可用于6A ~ 100A直流熔断器的安秒特性测试
- 5、测量方式采用全点测试或抽点测试，响应速度快，测试精度高，安全可靠
- 6、直流断路器安秒特性测试仪具有过热、过流、过压保护功能，电磁兼容性好，抗干扰能力强
- 7、测试管理软件可自动完成直流断路器的安秒特性的测试，并分析测试数据绘制出断路器保护特性曲线(安秒曲线)、以及生成报表输出
- 8、工控机自带4G存储空间，可任意存储测试记录，并配备了两个USB接口，方便测试记录的提取和打印
- 9、直流断路器安秒特性测试仪采用一体化设计，便于携带

产品参数

工作电压：AC220V、50Hz

环境温度：-20 ~ 50

工作湿度：90%RH

测试电流：1 ~ 500A

测试电流纹波系数：< 2%

输出电流稳定性：± 1%

时间记录范围：1ms ~ 1000s

时间分辨率：0.1ms

操作方式：键盘、触摸板（可外接USB鼠标）

外形尺寸：530mm × 470mm × 200mm

仪器重量：25kg

仪器外壳：铝合金仪表箱

Product introduction

At present, the DC circuit breaker safety second feature detection agencies and manufacturers for DC empty open

safety second characteristic measurement equipment are fixed equipment such as stationary high-current power , a large load resistance , bulky , heavy and not easy motion detection , analytical instruments are conventional instruments such as voltmeter, ammeter , oscilloscope , wiring complexity , inconvenient to use and does not meet the substation movement detection needs. In order to solve the actual scene of the DC circuit breaker feature detection problems, Nanao Electric Wuhan Co., Ltd. has introduced a suitable substation site to use, easy to carry, high degree of automation "NAAS-500A DC circuit breaker safety second characteristic tester " can DC for the operation and maintenance departments to provide protection of electrical operating characteristics of the means test, the DC protection of electrical characteristics and the differential with the action be verified in order to improve the current system's reliability , to ensure safe and reliable operation of the grid . NAAS-500A DC circuit breaker safety second characteristic tester is designed for substation testing , repair , maintenance and design. Meet the DC circuit breaker overload and short-circuit characteristic test , thereby improving the health of substation DC system , avoiding the DC distribution network appears grade trip and caused large-scale power outages .

Also called name

DC circuit breaker safety second characteristic tester, Ann second feature, the DC circuit breaker safety second characteristic tester

The Characteristics of the products

1, The main part of the high-performance industrial computer , Windows XP operating system, real-time display graphs and numerical parameters

2 , Keyboard, touchpad input (can be an external USB mouse) ; 5.7 -inch TFT color LCD display . Simple , beautiful interface, all parameters at a glance

3 , Switching constant current control technology, new power devices , 1A ~ 500A set their own constant current output , high precision constant current load capacity, can be a long time stability

4, Applies to the rated current of 1A ~ 500A DC circuit breaker safety second characteristic test can be used to 6A ~ 100A DC fuse safety second characteristic test

5 , The measurement method using whole point test or pumping point test , fast response , high precision , safety and reliability

6, The DC circuit breaker safety second characteristic tester with overheating , overcurrent, overvoltage protection , electromagnetic compatibility, anti-interference ability

7 , Test management software can automatically complete the DC circuit breaker safety second characteristics of the test , and analyze the test data to map out the circuit breaker protection characteristic curve (On second curve) , and generate report output

8 , IPC comes with 4G memory space can be arbitrarily stored test records , and is equipped with two USB ports to facilitate the extraction of test records and print

9, The DC circuit breaker safety second characteristic tester with integrated design, easy to carry

The parameters of the products

Working voltage: AC220V, 50Hz

Ambient temperature: -20 ~ 50

Operating Humidity: 90% RH

Test current: 1 ~ 500A

Test current ripple factor: <2%

Output current stability: $\pm 1\%$

Time Recording Range: 1ms ~ 1000s

The minimum time resolution: 0.1ms

Operation: keyboard, touchpad (can be an external USB mouse)

Dimensions: 530mm × 470mm × 200mm

Instrument Weight: 25kg

Instrument Enclosure: Aluminum meter box