

EMS61000-5A 智能型雷击浪涌发生器 EMS61000-5A intelligent lightning surge generator

EMS61000-5A雷击浪涌发生器是用于模拟间接雷击，产生高能量（高电压、大电流）浪涌的仪器，完全符合IEC（国际电工技术委员会）最新标准IEC61000-4-5，及欧洲电气标准（EN61000-4-5），以及国家标准（GB/T17626.5）。内置智能单相CDN、可自动切换差模/共模测试及浪涌路径；独具浪涌电压峰值、电流峰值测量及阈值设置功能，便于判断试品失效；内置浪涌电压、电流差分探头，提供波形观测端，便于实时监控；内置IEC标准测试等级，可编程30组记忆；提供软件测试平台试验操作方便快捷。

适用于各类照明电器、电子线路和设备的雷击浪涌试验。

The EMS61000-5A lightning surge generator is an instrument used to simulate indirect lightning strikes and generate high energy (high voltage, large current) surges. It fully complies with the latest IEC standard IEC61000-4-5, the European electrical standard (EN61000-4-5), and the national standard (GB/T17626.5). Built in intelligent single-phase CDN, which can automatically switch differential mode/common mode test and surge path; Unique surge voltage peak value, current peak value measurement and threshold setting function, which is convenient to judge the failure of the test object; Built in surge voltage and current differential probes provide waveform observation terminals for real-time monitoring; Built in IEC standard test level, programmable 30 groups of memory; Provide software test platform for convenient and fast test operation.

It is applicable to lightning surge test of various lighting appliances, electronic circuits and equipment.



技术参数 Specifications

- 依据标准：
IEC61000-4-5
GB/T17626.5

| 型号 | EMS61000-5A 雷击浪涌发生器 |
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| 脉冲电压峰值（开路） | 0.5~7.0kV±10% (10kV; 15kV; 20kV) |
| 脉冲电流峰值（短路） | 250A~3500A±10% (5KA; 7.5KA; 10KA) |
| 输出波形 | 标准组合波：电压波 1.2/50μs、电流波 8/20μs |
| 脉冲磁场功能 | 脉冲磁场波（选配）：电流波 6.4/16μs |
| 试验负载阻抗 | 2Ω/12Ω自动切换或手动可选 |
| 被试设备电源 内置单相耦合/去耦网络 | 交流 AC: 0 ~ 260V (50Hz/60Hz) 最大允许持续电流 20A 直流 DC: 0 ~ 220V, 最大持续电流 20A (可根据产品定制耦合去耦网络) |
| 通讯功能 | RJ45 通讯接口, 可实施远程控制 |