

Product Description

The SJKS1 series surge protector is suitable for TN-S, TN-C-S, TT, IT and other power supply systems with AC 50/60Hz, 380V and below. It can be used as an equipotential connection at the interface of LPZ1, LPZ2 and LPZ3 zones. Its design complies with GB18802.1 and IEC61643-1, and the shell is designed to be installed on a 35mm guide rail. The product has a built-in failure release device. When the surge protector fails due to overcurrent overheating and breakdown, the failure release device can automatically disconnect it from the power grid, and the visual alarm indicator module changes from green (normal) to red (fault). Online replacement of surge protector module

型号规格及其含义



Product application and installation location

Suitable for D-level lightning protection and protection, SJKS1 series surge protectors comply with GB18802.1-2002 and are used for equipotential connection of motors. They are installed at the junction of LPZ1, LPZ2, and LPZ3 zones, usually installed in floor distribution boxes, computer centers, telecommunications rooms, elevator control rooms, frequency conversion equipment control rooms, hospital operating rooms, monitoring rooms, and distribution boxes containing electronic medical equipment. Distributed villas should install SPDs in residential distribution boxes

Product design and ordering instructions: Users should clearly indicate the product model and quantity when designing and ordering products

For example: SJKS1-20/4P-420100 units

主要技术参数

参数	SJKS1-10	SJKS1-20
最大持续工作电压 U_c (V~)	420V	420V
电压保护水平 U_p (V~)kv	≤ 1.0	≤ 1.2
标称放电电流 I_n (8/20 μ s)kA	5kA	10kA
最大放电电流 I_{max} (8/20 μ s)kA	10kA	20kA
响应时间ns	<25	
接入导线截面积L/N	6mm ²	
接入接地线截面积PE	10mm ²	
熔断器或断路器选型(A)	10A、16A	10A、16A
工作环境 $^{\circ}$ C	-40 $^{\circ}$ C~+85 $^{\circ}$ C	
相对湿度(25 $^{\circ}$ C)	$\leq 95\%$	
安装	标准导轨35mm	
外壳材料	玻璃组增强塑料	

产品特点

- ◆ 无需停电即可更换保护器单元。
- ◆ 最高可承受20kA(8/20 μ s)雷电流冲击。
- ◆ 动作响应时间小于25纳秒。
- ◆ 可视窗口颜色表示保护的工作状态，绿色(正常)、红色(故障)。

外形产品图

