

SPC Series C Class PV DC Surge Protective Device

系列C级光伏直流电涌保护器

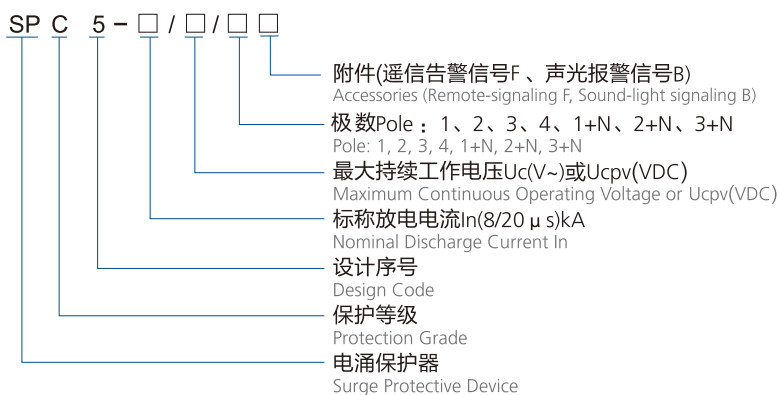


产品说明 Product Description

SPC系列C级电涌保护器适用于交流50/60Hz,1000V~及以下的TN-S、TN-C-S、TT、IT及光伏1500VDC及以下等交直流供电系统,可作为LPZ1、LPZ2与LPZ3区界面处的等电位连接,其设计依据符合EN50539-11、IEC61643-31、GB18802.31,外壳设计安装在35mm电气导轨上,该产品内置失效脱离装置。当电涌保护器因过流过热,击穿失效时,失效脱离装置能自动的将其从电网上脱离,同时可视告警指示绿色(正常)、红色(故障),模块可在有工作电压情况下更换。

SPC series C grade surge protective device (in short: SPD, alias: surge protector, surge arrester) is suitable for TN-S, TN-C-S, TT, IT etc. power supply system of AC 50/60Hz, $\leq 1000V\sim$, And photovoltaic $\leq 1500VDC$ (pv) ac/dc power supply system, installed on the joint of LPZ1 or LPZ2 and LPZ3, it's designed according to En50539-11, IEC61643-31, GB18802.31, it adopts 35mm standard rail, there is a failure release mounted on the module of surge protective device. When the SPD fails in breakdown for over-heat and over-current, the failure release will help electric device separate from the power supply system and give the indication signal, green means normal, red means abnormal, it's also could be replaced for the module when has operating voltage.

型号规格及其含义 Type and Meaning



产品特点 Product Features

- 内置过流过热、温控断路技术。
- 模块设计, 安装方便, 可在线更换。
- 漏电流小, 响应时间快, 残压低。
- 告警指示装置, 绿色(正常)、红色(故障)。
- 新技术制作, 高能量, 间隙放电电极(N-PE)。
- Inside over-current and over-heat protection, temperature control open circuit.
- Module design, convenient installation, could be replaced online.
- Smallness leak current, response quickly, less residual voltage.
- Signal indication device, green (normal), red (abnormal).
- New technology, highly energy, clearance discharge pole (N-PE)

产品应用和安装位置

Application Scope and Installation Position

SPC-20、SPC-15、SPC5-20、SPC5-15系列产品适应用于C级防雷保护,用于雷击时等电位连接,安装在LPZ1区与LPZ2区与LPZ3区交界处,通常安装在楼层配电箱、计算机中心、电信机房、电梯控制室、变频设备控制室、医院手术室、监护室及装有电子医疗设备场所的配电箱内,分散型小别墅应将SPD安装在住户配电箱内。

产品设计和订货须知: 用户在产品设计和订货时,应详细标明产品型号、数量。例如: SPC5-20/600VDC/2或SPC-20/440/4, 8台。

SPC-20, SPC-15, SPC5-20, SPC5-15 series surge protective device applied in C grade lightning-proof, installed on the joint of LPZ1 or LPZ2 and LPZ3, usually installed in household distribution boards, computer equipment, information equipment, electronic equipment and in the socket box in front of control equipment or near the control equipment, The dispersion small villa should install SPD in the inhabitant distributing box.

Notice: When you order our goods, please write the model and quantity carefully. For example: SPC5-20/600 VDC/2 or SPC-20/440/4, 8 pieces.

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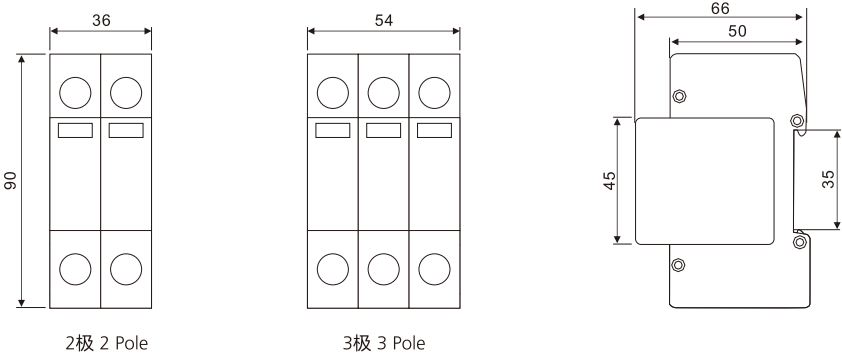
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技术参数 Technology Specification

型号 Type		SPC-15				SPC-20			
		SPC5-15				SPC5-20			
最大持续工作电压 Maximum Continuous Operating Voltage: Ucpv(VDC)		500	600	1000	1200	500	600	1000	1200
电压保护水平 Voltage Protection Level: Up (kV)	2P	1.7	1.9	3.4	3.6	1.7	1.9	3.4	3.6
	3P Y□ □ Y configuration	2.1	2.3	3.8	4.8	2.1	2.3	3.8	4.8
标称放电电流 Nominal Discharge Current: In (8/20μs) kA		15				20			
最大放电电流 Maximum Discharge Current: Imax (8/20μs) kA		30				40			
响应时间 Response Time (ns)		<25							
测试依据 Test Standard		GB/T 18802.31、IEC61643-31							
熔断器或断路器选型 Fuse or Switch (A)		32				32			
接入导线截面积 The Cross Section of L/N Line(mm²)		16				16			
接入接地线截面积 The Cross Section of PE Line(mm²)		25				25			
通信、报警线截面积 The Line Section of Communication and Alarm(mm²)		≥1.5							
工作环境 Operating Environment (°C)		-40℃~+85℃							
相对湿度 Relative Humidity (25℃)		≤95%							
安装 Installation		标准导轨 Standard Rail 35mm							
外壳材料 Material of Outer Covering		增强阻燃 Reinforced flame retardant PA66							

外型尺寸图 Dimension

SPC



SPC5

