



SC-10KV-277 Surge Protection Device IP67 10kA 20kA 10kV 20kV For LED Lights

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen, Guangdong, China
- Brand Name: SOCAY
- Certification: UL, REACH, RoHS, ISO
- Model Number: SC-10KV-277
- Minimum Order Quantity: 270PCS
- Price: Negotiable
- Delivery Time: 5-8 work days



Product Specification

- Surge Protection Device Name: Surge Protective Devices (SPD)
- Surge Protection Device Size: 35×26×14mm
- SPD Rated Operating Voltage: 220VAC
- SPD Max. Continuous Voltage: 277VAC
- SPD Response Time: 65ns
- SPD Cross-section Area: 1mm²
- SPD V_n: 10kV
- SPD V_{max}: 20kV
- SPD L-N/PE: 1.2kV
- SPD N-PE: 1.0kV
- Highlight: Surge Protection Device IP67,
10kA Surge Protection Device,
20kA Surge Protector For LED Lights

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Product Description

SOCAY SC-10KV-277 Surge Protection Device IP67 10kA 20kA 10kV 20kV Led Surge Protector

Surge Protection Device DATASHEET: [SC-10KV-277_v2209.1.pdf](#)

Brief Introduction:

SC-10KV-277 Surge Protection Device is a kind of power supply surge protector suitable for 220V power grid. IP67 10kA 20kA 10kV 20kV Led Surge Protector. Used in street lighting, landscape lighting, etc. The shell of the product is made of flame-retardant material, and the product is made of potting glue. It has the characteristics of fire prevention, waterproof and dustproof. SC-10KV-277 Surge Protection Device's Protection grade up to IP67. Installation and application is very convenient, with L, N and PE connection line.

Surge Protection Device Features:

1. The product has full mold protection function. The product has a maximum protection can withstand the impact of 10kV surge voltage.
2. The size of the product is small, 35×26×14mm (excluding the connecting wire).
3. Surge Protection Device SC-10KV-277 is a Class III power SPD.
4. Can use series, parallel connection mode, flexible and convenient.
5. Adopt our company's new structure technology manufacturing, break through the conventional structure technology. This process can improve the impact resistance of SPD.
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7. Operating Temperature Range: -40 to +85.

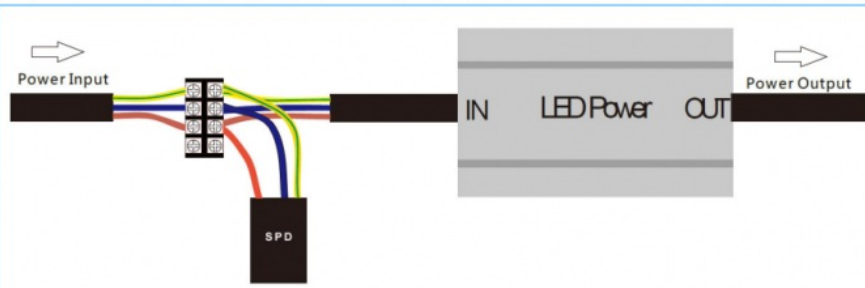
Surge Protection Device Applications:

Surge Protection Device SC-10KV-277 can used in Outdoor and Commercial LED Lighting. And apply for Roadway lighting Traffic lighting Digital signage. Besides, it is suitable for Security power supply Wash wall lighting Parking garage lighting Flood lighting. At last, you can use Surge Protection Device in Tunnel lighting.

Surge Protection Device Electrical Characteristics:

SPD Symbol	SPD Parameter	Value	Unit
SPD Electrical Parameters	SPD Rated Operating Voltage	220	VAC
	Max. Continuous Voltage	277	VAC
	SPD Response Time	65	ns
	SPD Cross-section Area	1	mm ²
SPD Surge Parameters	Nominal Discharge Voltage (1.2/50μs) (Vn)	10	kV
	Maximum Discharge Voltage (1.2/50μs) (Vmax)	20	kV
Voltage Protection Level (Up)	L-N/PE	1.2	kV
	N-PE	1.0	kV
Notes:			
1. Nominal discharge voltage surge times: ±15T;			
2. Maximum discharge voltage surge times: 1T.			

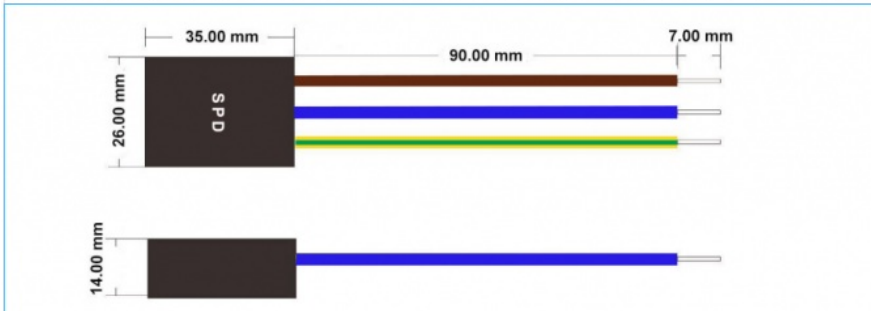
Application/ Installation Schematic



Notes:

1. The brown wire is L wire, the blue wire is N wire, and the yellow-green wire is the ground wire.
2. After the wire is installed, the product can be tied to the power supply with cable ties. Due to the small volume and weight of the product, it can also be placed freely as shown in Figure 2 of the installation example.

Typical Dimensions

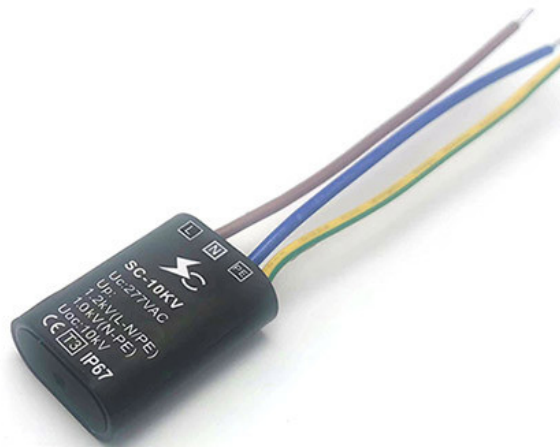


Surge Protection Device Packaging Information:

Product: Surge Protection Device

Part Number: SC-10KV-277

Quantity: 270 PCS / Box





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