



SC-20KVC-277 Power Supply Surge Protector SPD Device Rated Operating 220V AC

Basic Information

- Place of Origin: Shenzhen, Guangdong, China
- Brand Name: SOCAY
- Certification: UL, REACH, RoHS, ISO
- Model Number: SC-20KVC-277
- Minimum Order Quantity: 270PCS
- Price: Negotiable
- Delivery Time: 5-8 work days



Product Specification

- Surge Protector Name: Surge Protective Devices (SPD)
- Surge Protector Size: 41×32×19.5mm
- Rated Operating Voltage: 220VAC
- Max. Continuous Voltage: 277VAC
- Response Time: 25ns
- Cross-section Area: 1.5mm²
- Surge Protector L-N/PE: 1.3kV
- Surge Protector N-PE: 1.1kV
- Highlight: **SPD Power Supply Surge Protector, 220V AC Power Supply Surge Protector, Power Supply SPD Device**

Product Description

Original Factory Supply Power Supply Surge Protector SC-20KVC-277 In Stock

Power Supply Surge Protector DATASHEET: [SC-20KVC-277_v2302.1.pdf](#)

Power Supply Surge Protector Introduction:

Original Factory Supply Power Supply Surge Protector SC-20KVC-277 is a kind of power supply surge protector suitable for 220V power grid. Power Supply Surge Protector SC-20KVC-277 can 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. Protection grade up to IP67. Power Supply Surge Protector SC-20KVC-277 Installation and application is very convenient, with L, N and PE connection line.

SC-20KVC-277 Features:

The product **SC-20KVC-277** has full mold protection function. The product has a maximum protection can withstand the impact of 20kV surge voltage.

The size of the product **SC-20KVC-277** is small, 41×32×19.5mm (excluding the connecting wire).

It is a Class III power SPD **SC-20KVC-277**.

Can use series, parallel connection mode, flexible and convenient.

Adopt our company's new structure technology manufacturing, break through the conventional structure technology. This process can improve the impact resistance of SPD.

Executive standard: IEC/EN:61643-11.

SC-20KVC-277 Operating Temperature Range: -40 to +85.

SC-20KVC-277 Applications:

Outdoor and Commercial LED Lighting.

Power Supply Surge Protector SC-20KVC-277 suitable for Roadway lighting.

Traffic lighting.

Power Supply Surge Protector SC-20KVC-277 suitable for Digital signage.

Security power supply.

Power Supply Surge Protector SC-20KVC-277 suitable for Wash wall lighting.

Parking garage lighting.

Power Supply Surge Protector SC-20KVC-277 suitable for Flood lighting.

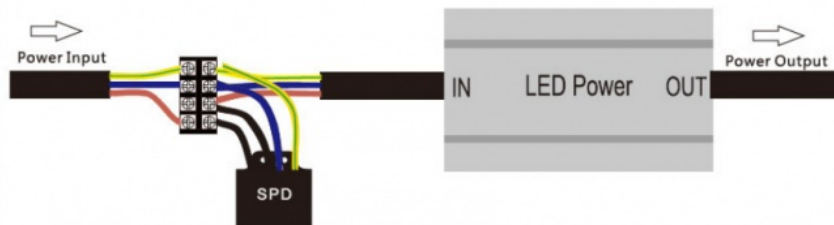
Tunnel lighting.

Electrical Characteristics:

Symbol	Parameter	Value	Unit
Electrical Parameters	Rated Operating Voltage	220	VAC
	Max. Continuous Voltage	277	VAC
	Response Time	25	ns
	Cross-section Area	1.5	mm ²
Surge Parameters	Nominal Discharge Voltage (1.2/50μs) (Vn)	20	kV
	Voltage Protection Level (Up)	1.3	kV
	N-PE	1.1	kV

Application/ Inatallation Schematic:

Application/Installation Schematic

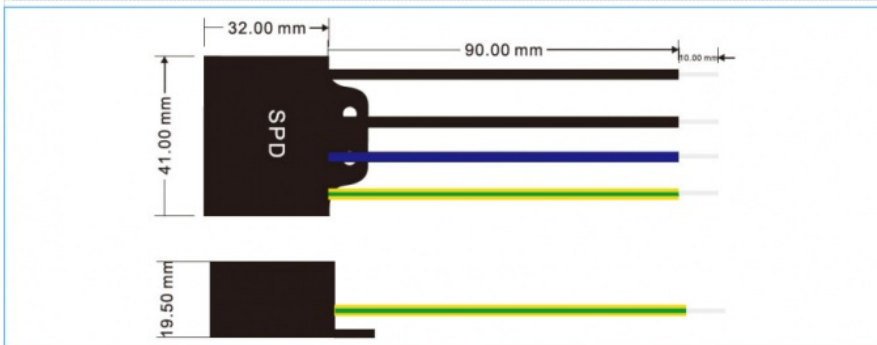


Note:

The black wire is L wire, the blue wire is N wire, and the yellow-green wire is the ground wire.

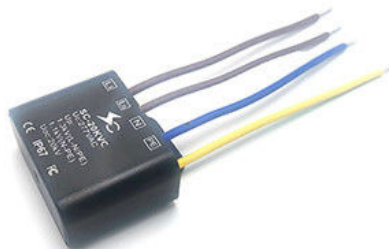
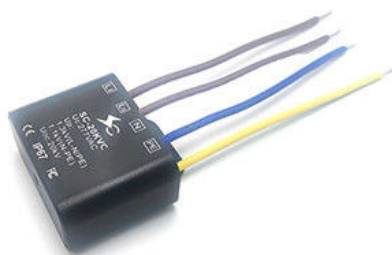
SC-20KVC-277 Typical Dimension:

Typical Dimensions



Packaging Information:

Part Number	Quantity
SC-20KVC-277	270 PCS / Box





Shenzhen Socay Electronics Co., Ltd.



+8618126201429



sylvia@socay.com



socaydiode.com

4/F, Block C, HeHengXing Science & Technology Park, 19 MinQing Road, LongHua District, Shenzhen City,
GuangDong Province, China