

## 20kA Gas Discharge Tube with <1.5pF Capacitance 25ns Response Time Dull Tin Plated Design for Sunlight Power

Our Product Introduction

for more products please visit us on [socaydiode.com](http://socaydiode.com)

### Basic Information

- Place of Origin: GUANGDONG,China
- Brand Name: Socay
- Certification: RoHS
- Model Number: SC3E8-230HSMD
- Minimum Order Quantity: 1000PCS
- Price: Negotiable
- Packaging Details: Tape& Reel
- Delivery Time: To be negotiated
- Supply Ability: sufficiency



### Product Specification

- Product Name: Gas Discharge Tube
- Maximum Capacitance: <1.5pF
- Response Time: 25ns
- Materials: Nickel-plated With Tinplated Wires
- Application: Surge Protection For Electronics Circuits
- Current Rating: 20kA
- Voltage Rating: 230V±20%
- Operating Temperature: -40 ~ +105

## Product Description

### Product Description:

The GDT is composed of a ferritic stainless steel tube that houses a gas-filled chamber. When voltage surges or transients occur, the gas within the chamber ionizes and creates a low impedance path for the surge to safely discharge, protecting your equipment from damage. With a response time of 25ns, the GDT reacts quickly to surges and ensures minimal downtime for your equipment.

At only 0.5g in weight, the GDT is lightweight and can be easily integrated into your system design. Its operating temperature range of -40 ~ +105 ensures reliable performance in a variety of environments and conditions.

Whether you are looking to protect sensitive electronics in your home or industrial setting, the GDT Gas Discharge Tube is the perfect solution. It can also be used in automotive systems, such as fuel injector tubes, to protect critical components from voltage surges and transients. Trust in the GDT to keep your equipment safe and running smoothly.

### Features:

Product Name: GDT Gas Discharge Tube

Minimum Insulation Resistance: 1GΩ

Materials: Nickel-plated with Tinplated wires

Application: Surge Protection For Electronics Circuits

Voltage Rating: 230V±20%

### Applications:

The Socay SC3E8-230HSMD Gas Discharge Tube is a reliable solution for protecting sensitive electronic equipment from voltage spikes and surges. It is commonly used in Fuel Injector Tubes, where it helps protect the electronics from damage caused by voltage surges. This gas discharge tube is also used in Gas Discharge Tubes - GDTs / Gas Plasma Arrestors, where it provides protection from lightning strikes and other electrical surges. The high current rating of 3kA and fast response time of 25ns make this product an ideal choice for protecting sensitive electronic equipment.

The Socay SC3E8-230HSMD Gas Discharge Tube is made of Ferritic Stainless Steel Pipe Tube, which makes it durable and long-lasting. It can operate in a wide range of temperatures, from -40 to +105, making it suitable for use in harsh environments. This product has RoHS certification, which means it is free from hazardous substances and is environmentally friendly.

If you are looking for a reliable and high-performance gas discharge tube, the Socay SC3E8-230HSMD Gas Discharge Tube is an excellent choice. With its fast response time, high current rating, and wide temperature range, it is suitable for use in a variety of applications. Whether you need to protect sensitive electronic equipment or provide protection from lightning strikes and other electrical surges, this product is a great solution.

Order your Socay SC3E8-230HSMD Gas Discharge Tube today and enjoy its sufficiency supply ability. Delivery time can be negotiated based on your needs and requirements.

### Support and Services:

The Gas Discharge Tube (GDT) product technical support and services include:

- Technical documentation and datasheets to assist with product selection and usage
- On-site technical support and training for complex applications
- Design and customization services to meet specific customer requirements
- Troubleshooting and diagnostic assistance for product issues
- Warranty and repair services for defective products
- Product performance and reliability testing services to ensure compliance with industry standards

### FAQ:

**Q: What is the brand name of this Gas Discharge Tube?**

A: The brand name of this Gas Discharge Tube is Socay.

**Q: What is the model number of this Gas Discharge Tube?**

A: The model number of this Gas Discharge Tube is SC3E8-230HSMD.

**Q: Where is this Gas Discharge Tube manufactured?**

A: This Gas Discharge Tube is manufactured in GUANGDONG, China.

**Q: Does this Gas Discharge Tube have any certifications?**

A: Yes, this Gas Discharge Tube is RoHS certified.

**Q: What is the minimum order quantity for this Gas Discharge Tube?**

A: The minimum order quantity for this Gas Discharge Tube is 1000PCS.

**Q: How is this Gas Discharge Tube packaged?**

A: This Gas Discharge Tube is packaged in Tape & Reel.

**Q: What is the delivery time for this Gas Discharge Tube?**

A: The delivery time for this Gas Discharge Tube is To be negotiated.

**Q: Is the supply of this Gas Discharge Tube sufficient?**

A: Yes, the supply of this Gas Discharge Tube is sufficiency.



+8618126201429



sylvia@socay.com



socaydiode.com

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