



SOCAY Radial Leaded Gas Discharge Arrester GDT SC3E8-600HM Ultra Low Capacitance

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen, Guangdong, China
- Brand Name: SOCAY
- Certification: UL, REACH, RoHS, ISO
- Model Number: SC3E8-600HM
- Minimum Order Quantity: 1000PCS
- Price: Negotiable
- Delivery Time: 5-8 work days



Product Specification

- Product Name: Gas Discharge Tube
- Size: $\phi 8 \times 10 \text{mm}$
- DC Spark-over Voltage @100V/ μs : $600 \text{V} \pm 20\%$
- Max. Spark-over Impulse Voltage @100V/ μs : 500V
- Max. Spark-over Impulse Voltage @1KV/ μs : 600V
- Min. Insulation Resistance: $1 \text{G}\Omega$ (@25V)
- Nom. Impulse Discharge Current: 10KA
- Max. Impulse Discharge Current: 20KA
- Storage Temperature: $-40^\circ\text{C} \sim +90^\circ\text{C}$
- Highlight: Radial Leaded Gas Discharge Arrester, Low Capacitance Gas Discharge Arrester



More Images



Product Description

SOCAY Radial Leaded Devices GDT SC3E8-600HM, Ultra Low Capacitance

DATASHEET: [SC3E8_v2308.1.pdf](#)

Part Number	Marking	DC Spark-over Voltage	Maximum Impulse Spark-over Voltage		Minimum Insulation Resistanc e	Maximum Capacitanc e	Arc Voltage	Service Life			
								Nominal Impulse Discharge Current	Max Impulse Discharge Current	Nominal Alternating Discharge Current	Impulse Life
		@100V/S	@100V/μs	@1KV/μs		@1MHz	@1A	@8/20μs ⁴⁾ ±5 times	@8/20μs ⁴⁾ 1 time	@50Hz ⁴⁾ 1 Sec 10 times	@10/1000μs ⁴⁾ 300 times
SC3E8-75HM SC3E8-75HMF SC3E8-75HP SC3E8-75H	SOCAY 75H	75V±20%	500V	600V	1 GΩ (at 50V)	1.5pF	~25V	20KA	25KA	20A	200A
SC3E8-90HM SC3E8-90HMF SC3E8-90HP SC3E8-90H	SOCAY 90H	90V±20%	500V	600V	1 GΩ (at 50V)	1.5pF	~25V	20KA	25KA	20A	200A
SC3E8-150HM SC3E8-150HMF SC3E8-150HP SC3E8-150H	SOCAY 150H	150V±20%	500V	600V	1 GΩ (at 50V)	1.5pF	~25V	20KA	25KA	20A	200A
SC3E8-230HM SC3E8-230HMF SC3E8-230HP SC3E8-230H	SOCAY 230H	230V±20%	600V	700V	1 GΩ (at 100V)	1.5pF	~25V	20KA	25KA	20A	200A
SC3E8-250HM SC3E8-250HMF SC3E8-250HP SC3E8-250H	SOCAY 250H	250V±20%	600V	700V	1 GΩ (at 100V)	1.5pF	~25V	20KA	25KA	20A	200A
SC3E8-300HM SC3E8-300HMF SC3E8-300HP SC3E8-300H	SOCAY 300H	300V±20%	800V	900V	1 GΩ (at 100V)	1.5pF	~25V	20KA	25KA	20A	200A
SC3E8-350HM SC3E8-350HMF SC3E8-350HP SC3E8-350H	SOCAY 350H	350V±20%	800V	900V	1 GΩ (at 100V)	1.5pF	~25V	20KA	25KA	20A	200A
SC3E8-420HM SC3E8-420HMF SC3E8-420HP SC3E8-420H	SOCAY 420H	420V±20%	900V	1000V	1 GΩ (at 100V)	1.5pF	~25V	20KA	25KA	20A	200A
SC3E8-470HM SC3E8-470HMF SC3E8-470HP SC3E8-470H	SOCAY 470H	470V±20%	900V	1000V	1 GΩ (at 100V)	1.5pF	~25V	20KA	25KA	20A	200A
SC3E8-600HM SC3E8-600HMF SC3E8-600HP SC3E8-600H	SOCAY 600H	600V±20%	1100V	1200V	1 GΩ (at 100V)	1.5pF	~25V	20KA	25KA	20A	200A
SC3E8-800HM SC3E8-800HMF SC3E8-800HP SC3E8-800H	SOCAY 800H	800V±20%	1200V	1400V	1 GΩ (at 100V)	1.5pF	~25V	20KA	25KA	20A	200A

Notes:

1). Terms in accordance with ITU-T K.12 and GB/T 9043-2008

2). At delivery AQL 0.65 level , DIN ISO 2859

3). Tip or ring electrode to center electrode

4). Total current through center electrode, half value through tip respectively ring electrode

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**Features:**

Non-Radioactive.
RoHS compliant.
Low insertion loss.
Excellent response to fast rising transients.
Ultra low capacitance.
20KA surge capability tested with 8/20 μ s pulse as defined by IEC 61000-4-5.

Applications:

Communication equipment.
CATV equipment.
Test equipment.
Data lines.
Power supplies.
Telecom SLIC protection.
Broadband equipment.
ADSL equipment, including ADSL2+.
XDSL equipment.
Satellite and CATV equipment.
Consumer electronics.

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