



# Grommes~Precision Precision Electronics



Stop lightning damage!  
Save your equipment, time,  
and money!



## SLS

### Speaker Line—Lightning Suppressor

#### Features

- Induced Lightning Strike Protection
- Rugged Construction
- Triple Protection: Primary & Secondary, Series, and Shunt
- Utilizes Advanced Protection Technology—Think of the SLS similar to a Transient Voltage Suppressor Diode with a Gate Feature

No one knows when and where lightning will strike. But with the **Grommes~Precision SLS**, you can rest easy in knowing that the majority of the reason electronic equipment gets damaged from lightning striking the speaker line can now be eliminated inexpensively!

Most lightning damage to electronic equipment is caused through *induction*. With induction, lightning does not strike the speaker line or electronic equipment directly, rather, it propels, or induces, large voltages of electrical energy into the system. Equipment connected to long speaker lines are especially susceptible to damage from induction.

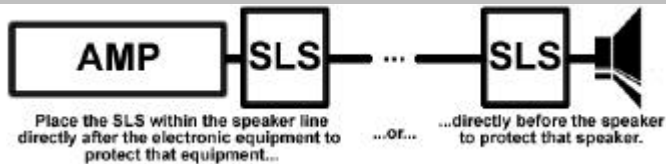
Therefore, **Grommes~Precision** designed the **SLS** to prevent induced speaker line lightning surges from harming the electronic equipment connected to it. Although not much can withstand the rare direct strike, the **SLS** can help protect electronic equipment from the much more likely induced strike. Once the current flowing through the **SLS** exceeds its switching current, the **SLS** clamps the transient voltage simulating a short circuit condition. Once the current flowing through the **SLS** is less than the devices holding current, the **SLS** will reset, protecting your electronic equipment.

Simply locate the **SLS** within the speaker line directly after the electronic equipment to protect the equipment, or directly before the speaker to protect that speaker or speaker cluster. The **SLS** is a small component that is easy and inexpensive to integrate into a new or existing system and will provide peace of mind should lightning strike.

And, with over a half-century of experience in the business, **Grommes~Precision's SLS** is made in America, and is backed by **Grommes~Precision's** unbeatable expertise and Assurance Policy: a **5 year warranty** and **30 Day Money Back Guarantee**.

#### Compare the Grommes~Precision SLS

	SLS	Metal Oxide Varistor (MOV)	Gas Discharge Tubes	Transient Voltage Suppressors (TVS)
Speed	Very Fast	Slow	Slow	Very Fast
Degradation	None, the SLS is Reusable	Degrades with each strike	Degrades with each strike	None, but only Reusable so long as Surge Power Handling Capacity not exceeded
Surge Power Handling Capacity	High	Medium to High	Medium to High	Low



SLS	
MAX. AUDIO VOLTAGE	200V RMS BALANCED
CLAMPING VOLTAGE	Approx. 350V
MAX. PERMISSIBLE AUDIO POWER:	100V: 1000W 16 ohm: 1600W 70V: 700W 8 ohm: 800W 25V: 250W 4 ohm: 400W
DIMENSIONS	2.75"Wx2.75"Hx4.88"D
WEIGHT	2LBS



## Grommes~Precision

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