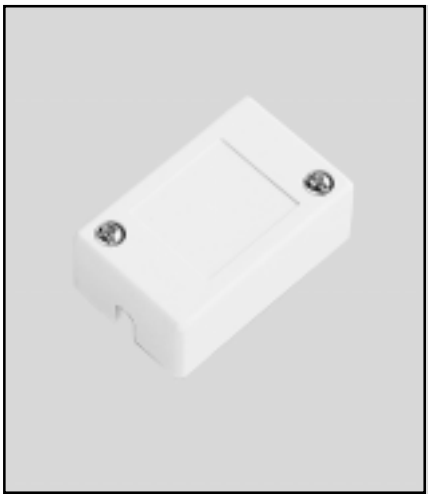
SA-1

Surge Arrestor for Aiphone Intercom Systems

DESCRIPTION:
The SA-1 is a surge arrestor designed to protect Aiphone intercom systems from damage due to power surges and lightning strikes. It can be used to protect power inputs to all Aiphone DC powered systems, and to protect intercom circuits by dispersing surges on the station wires.

Each SA-1 will protect two intercom station wires and discharge up to 180V of current.

SA-1



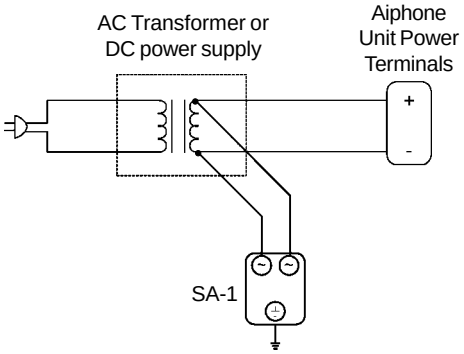
SPECIFICATIONS:

Power:	Supplied by master
Discharge Voltage:	Approx. 180V
Isolation Resistance:	Approx. 10 Gig Ohms
Max. Surge Current:	Approx. 2.5K Amp
Dimensions (HxWxD):	2-1/8: x 1-3/8" x 7/8"

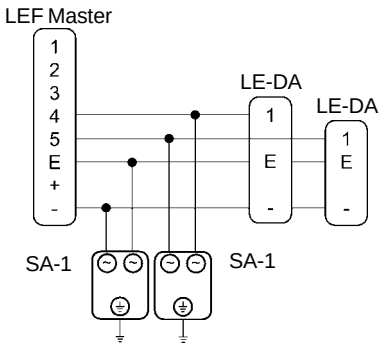
FEATURES:
- Helps prevent damage to Aiphone intercoms caused by power surges and lightning strikes
- Discharges up to 180V of surging voltage
- Mulitple SA-1's can be used within a system
- Each SA-1 protects two wires connected to intercom
- Easy to install - screw terminal connections
- Small size makes the SA-1 easy to mount and conceal

Used on the following systems:
- C-123L/A
- CCS-1A
- IE
- LEM
- LEF
- AP-M
- MP-S
- MK & MY
- NEM
- MC-60/4A
- VC-M
- VY

Example #1: Surge protection on the power line:
- Install the SA-1's as close as possible to the power source.



Example #2: Surge protection on the LEF system
- Each SA-1 handles TWO wires on the LEF system. For best results, protect all the wires connected to the master station with SA-1 surge arrestors.



NOTE: Distance from unit being protected to SA-1 must be shorter than the wire run to the next device.
DISCLAIMER: Use of SA-1 does not guarantee absolute protection from power surge damage.