

# AC Line Surge Suppressor **SS-10 series**

## FEATURES:

- Integrated thermal protection device per UL1449, Type 4
- Designed to be used in conjunction with electronic devices
- Suitable for dry, damp and wet location applications
- Designed to meet IEEE C62.42 surge requirements
- Wide range operational temperature from -40°C - +85°C
- LED indicator for ease of maintenance
- Standard 1/2" NPT threads for quick installation
- Compact, ergonomic shape with mounting tab

## Safety Approval:



## SPECIFICATION:

Model #	Maximum Rating (+85°C)					Specifications (25°C)				
	Continuous		Transient			Varistor Voltage at 1mA Test Current		Maximum Clamping Voltage 8/20µS		Typical Capacitance f=1Mhz
	AC Volts	DC Volts	Energy 2ms	Peak Surge Current 8/20µS						
	V <sub>M(AC)RMS</sub>	V <sub>M(DC)</sub>	W <sub>TM</sub>	1 <sub>TM</sub> 1 x Pulse	1 <sub>TM</sub> 2 x Pulse	V <sub>N(DC)</sub> Min.	V <sub>N(DC)</sub> Max.	V <sub>C</sub>	I <sub>PK</sub>	C
(V)	(V)	(J)	(A)	(A)	(V)		(V)	(A)	(pF)	
SS10-120	150	200	120	10000	6500	216	264	395	100	1600
SS10-277	320	420	270	10000	6500	459	561	840	100	750
SS10-480	550	715	360	10000	6500	819	1001	1500	100	300

### Note:

SS10-120 is designed for use in 120VAC environment  
 SS10-277 is designed for use in 277VAC environment  
 SS10-480 is designed for use in 480VAC environment

### Safety Standards:

UL1449, Type 4  
 IEC61051-1  
 IEC61051-2

### 8 x 20µSec Wave Shape

Strikes	Surge
1	10,000A
2	6,500A
15	3,000A
100	1,500A

## Wiring Diagram:

## Mechanical Dimension:

