



# AC Line Surge Suppressor

**SS-20 series**

**FEATURES:**

- Integrated thermal protection device per UL1449
- Designed to be used in conjunction with LED drivers, Fluorescent Ballasts
- 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 threaded 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					
	$V_{M(AC)RMS}$	$V_{M(DC)}$	$W_{TM}$	$1_{TM} 1x$ Pulse	$V_{N(DC)}$ Min.	$V_{N(DC)}$ Max.	$V_C$	$I_{PK}$	C
	(V)	(V)	(J)	(A)	(V)		(V)	(A)	(pF)
SS20-120	150	200	120	20000	216	264	395	100	2300
SS20-277	320	420	270	20000	459	561	840	100	1080
SS20-480	550	715	360	20000	819	1001	1500	100	630

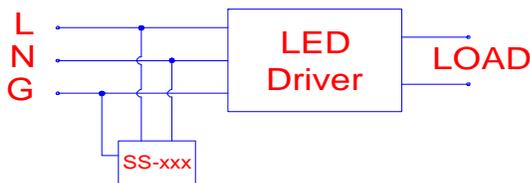
**Note:**

SS20-120 is designed for use in 120VAC environment  
 SS20-277 is designed for use in 277VAC environment  
 SS20-480 is designed for use in 480VAC environment

**Safety Standards:**

UL1449  
 IEC61051-1  
 IEC61051-2

**Wiring Diagram:**



**Mechanical Dimension:**

