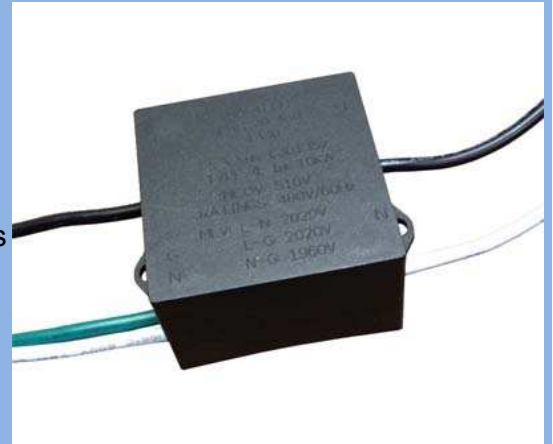


AC Surge Suppressor

LSS-20

FEATURES:

- Integrated thermal protection device per UL1449, Type 4
- Designed to be used in conjunction with electronic devices
- In series with AC Line: SPD opens AC line input thus preventing catastrophic damage to customer electronic equipments
- UL1449 3rd Edition Type 4 SPD approval
- Meet 20KV/10KA combination wave requirements in ANSI/IEEE C62.41 Location Category C High Exposure & US Dept of Energy MSSLC specs
- Wide range operational temperature from -45°C - +85°C
- 10kA / 15 hits, 8/20µS wave shape
- Compact with mounting tab for easy installation



Safety Approval:

IP66



E361352

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		Energy 2ms	Peak Surge Current					
	$V_{M(AC)RMS}$	Modes	WTM	1TM 1 x Pulse	VN(DC) Min.	VN(DC) Max.	VC	IPK	C
	(V)		(J)	(A)	(V)		(V)	(A)	(pF)
LSS20-277	320	L-N,L-G,N-G	540	20000	459	561	840	100	1350
LSS20-480	510	L-N,L-G,N-G	700	20000	738	902	1335	100	820

Note:

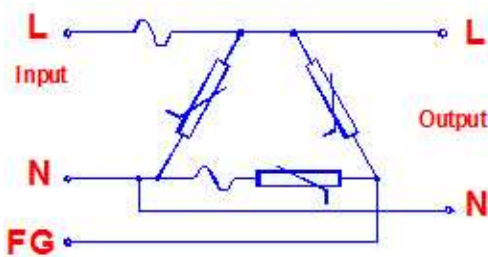
LSS-20-277 is designed for use in 277VAC environment
 LSS-20-480 is designed for use in 480VAC environment

Safety Standards:

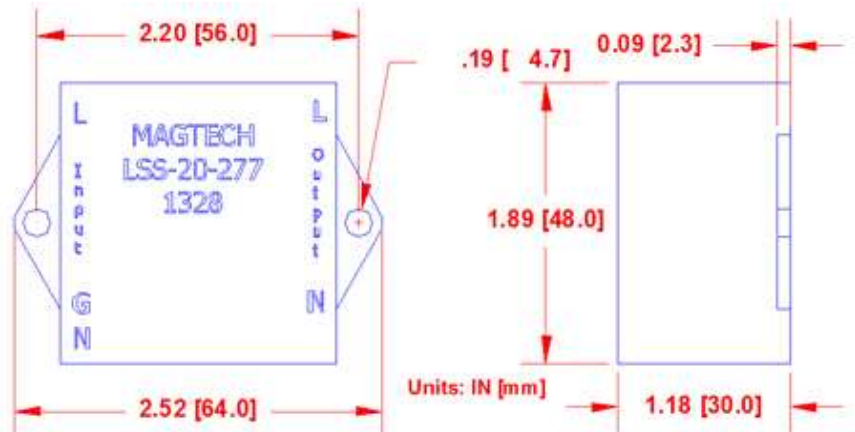
UL1449, Type 4

8 x 20µSec Wave	
Strikes	Surge
1	20,000A
2	15,000A
15	10,000A
120	3,000A

Wiring Diagram:



Mechanical Dimensions



Note: 1. Black: Line ; White: Neutral / Green : Ground

2. Wire Gauge: AWG14 ; Wire length: 100mm