

FEATURES:

- Integrated thermal protection device per UL1449, Type 4
- Designed to be used in conjunction with electronics 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 threaded for quick installation
- Compact, ergonomic shape with mounting tab

Safety Approval:

IP66


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					
	$V_{M(AC)RMS}$	$V_{M(DC)}$	W_{TM}	$1_{TM} 1 \times$ 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	220	20000	216	264	390	100	2300
SS20-277	320	420	390	20000	459	561	850	100	1080
SS20-480	550	745	550	20000	819	1001	1475	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, Type 4

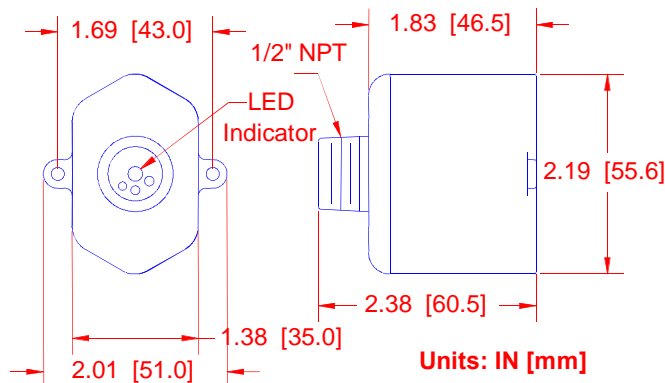
IEC61051-1

IEC61051-2

8 x 20 µSec Wave Shape

Strikes	Surge
1	20,000A
2	15,000A
15	10,000A
120	3,000A

Mechanical Dimension:



Wiring Diagram:

