

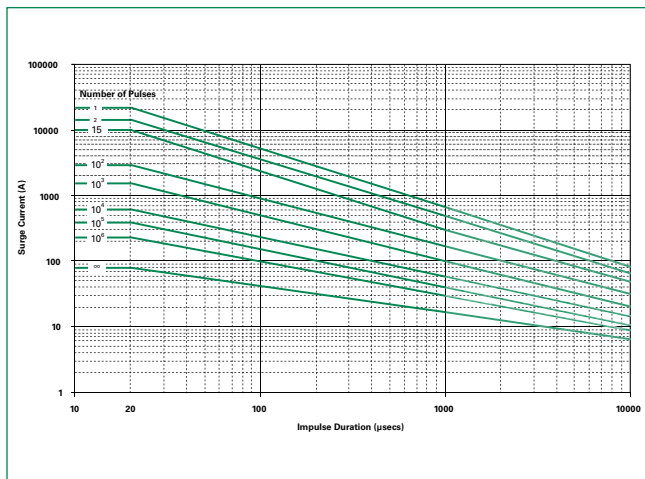
LSP10 Series Device Ratings & Specifications

Part Number ⁸	Operating Voltage (VAC)	MCOV/U _c (VAC) ⁶	Maximum Discharge Current (I _{max})(A) ³	Nominal Discharge Current (I _n)(A) ²	MLV (V) ⁴	U _p (V) ⁵	Safety Compliance	
							IEC/EN 61643-11 ⁷	UL1449
LSP10120*	120	150	20,000	10,000	L-N:740 L-G:740 N-G:670	900	-	X
LSP10240*	240	275	20,000	10,000	L-N:1130 L-G:1130 N-G:1060	1200	X	X
LSP10277*	277	320	20,000	10,000	L-N:1330 L-G:1330 N-G:1260	1400	X	X
LSP10347*	347	420	20,000	10,000	L-N:1750 L-G:1750 N-G:1680	1900	-	X
LSP10480*	480	510	20,000	10,000	L-N:2020 L-G:2020 N-G:1960	2100	-	X
LSP10240LL*	L-L:240	L-L:275	20,000	10,000	L-L:1130	L-L:1200	-	X
	L-N/G:120	L-N/G:150			L-N/G:740	L-N/G:900	-	X
LSP10480LLP	L-L:480	L-L:510	20,000	10,000	L-L:2020	L-L:2100	-	X
	L-N/G:277	L-N/G:320			L-N/G:1330	L-N/G:1400	-	X
LSP10480LLS	L-L:480	L-L:510	20,000	10,000	L-L:2030	L-L:2100	-	X
	L-N/G:277	L-N/G:320			L-N/G:1480	L-N/G:1400	-	X

Notes:

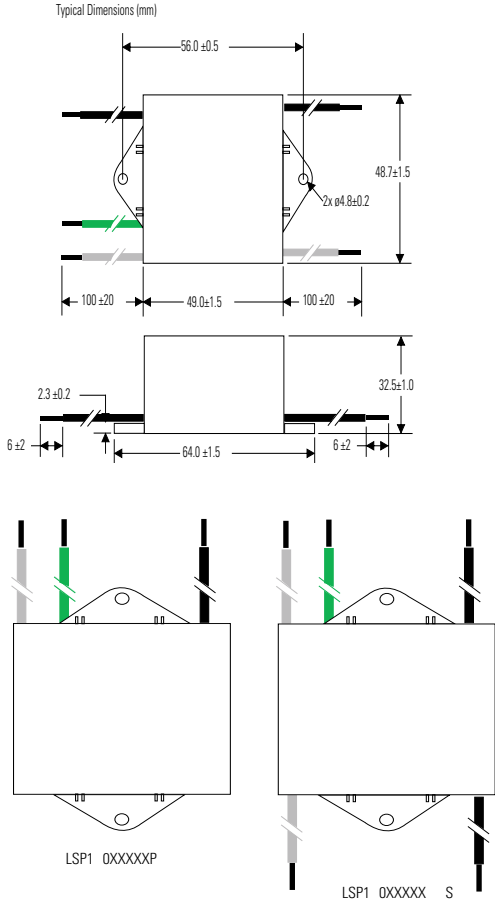
- 5A max. continuous current for series connection.
- Nominal Discharge Current (I_n)(A): The nominal discharge current is a measure of the SPDs endurance capability; 15 impulses of discharge current uses the 8/20us current waveform.
- Maximum Discharge Current (I_{max})(A): The maximum discharge current is a measure of the SPDs maximum capability; single impulse of discharge current uses the 8/20us current waveform. All Devices pass maximum discharge current with possible, safe opening of thermal disconnect.
- MLV – UL1449 Measured limiting voltage; the highest value of residual voltage measurements during the application of impulses of 8/20us nominal discharge current (I_n); an average voltage value of 15 impulses.
- Up – IEC 61643-11 Voltage protection level; the highest value of residual voltage measurements during the application of impulses of 8/20us nominal discharge current (I_n); a rounding voltage value of maximum measurement.
- MCOV/UC: Maximum Continuous Operating Voltage - maximum r.m.s. voltage that could be continuously applied to the SPD.
- The series modules can be used in parallel connections for the indication circuit connection.
- * = - P or PM
- Repetitive Surge Withstanding: 15 strikes at 10,000A (8/20us) with steady MLV/Up.
- LSP10480* passed Operational Voltage Test (552Vac, 30 minutes) based on UL 1449 4th edition clause 43.

Figure 1. Repetitive Surge Capability for LSP10

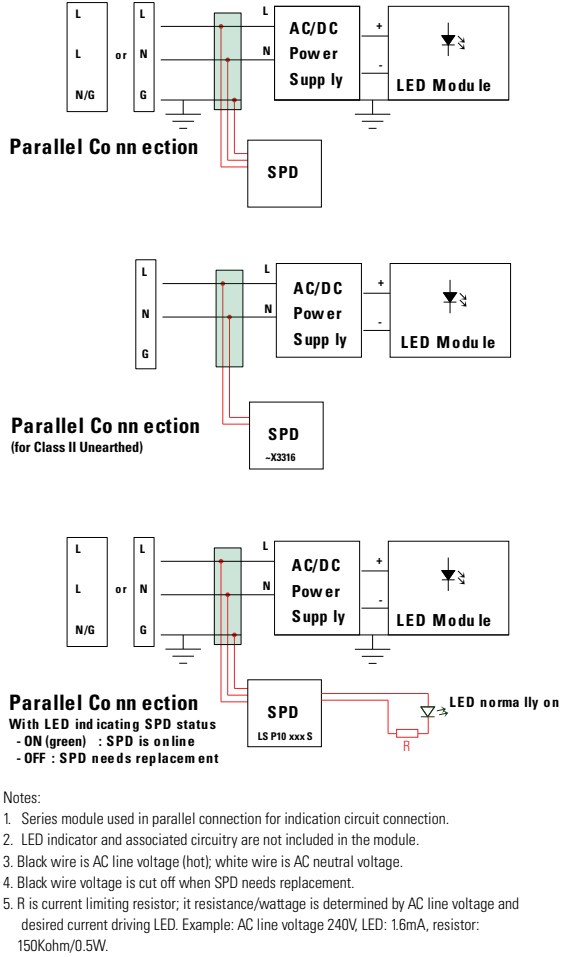


Pulse Rating (8x20µSec)	
Strikes	Surge
1	20,000A
2	15,000A
15	10,000A
100	3,000A
1,000	1,600A
10,000	650A
100,000	400A
1,000,000	240A

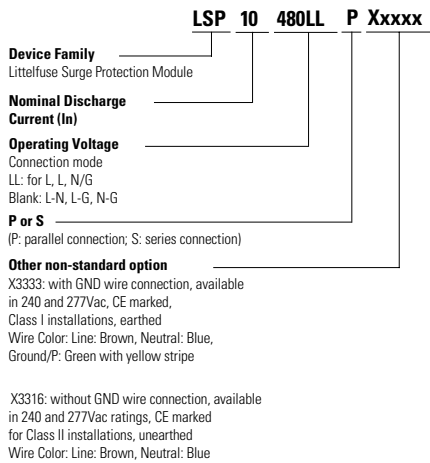
Dimensions



Application/Installation Schematic



Part Numbering System



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