

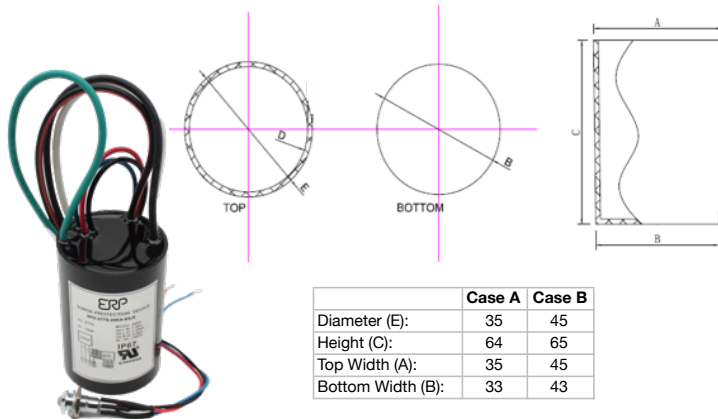


SPD Series

SPD-277P-10KA
 SPD-277P-20KA
 SPD-277S-20KA
 SPD-277S-20KA-EILR

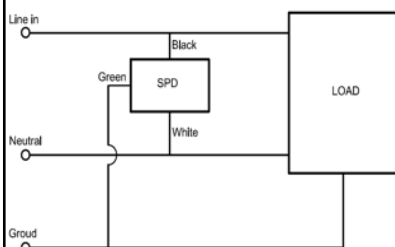
Surge Protectors

ERP Part Number	Nominal Input Voltage (Vac)	MCOV/Uc ⁽⁴⁾ (Vac)	Max. Peak Current (8/20 μ s) (kA)		Combination Wave (1.2/50 μ s-8/20 μ s) (kV/kA)		Measured Limited Voltage (MLV) ⁽³⁾ (V)			Thermal Fuse	EOL (End of Life) Remote Indicator LED	Connection	Case
			Inom ⁽¹⁾	Imax ⁽²⁾	Vnom	Vmax	L-N	L-G	N-G				
SPD-277P-10KA	120 to 277	320	5	10	10	20	1230	1400	1420			Parallel	A
SPD-277P-20KA	120 to 277	320	10	20	20	20	1890	1900	1870			Parallel	B
SPD-277S-20KA ⁽⁵⁾	120 to 277	320	10	20	20	20	1260	1280	1840	★		Series	B
SPD-277S-20KA-EILR ⁽⁵⁾	120 to 277	320	10	20	20	20	1300	1290	2000	★	★	Series with EOL Remote LED Indicator	B

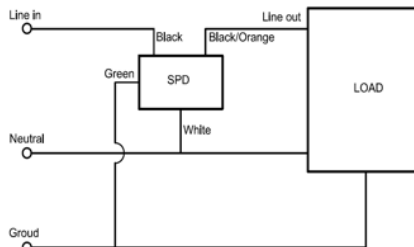


- 1) **NOMINAL DISCHARGE CURRENT (In) (kA):** It is the peak value of the current through the device having a current waveshape of 8/20 μ s where the device is capable of discharging 15 times.
- 2) **MAXIMUM DISCHARGE CURRENT (Imax) (kA):** It is the peak value of the current through the device having a current waveshape of 8/20 μ s where the device is capable of discharging once.
- 3) **MEASURED LIMITING VOLTAGE (MLV) (V):** Maximum residual voltage after the application of 8/20 μ s impulses at nominal discharge current.
- 4) **MAXIMUM CONTINUOUS OPERATING VOLTAGE (MCOV/Uc) (Vac):** It is the maximum root-mean-square (rms) voltage that may be continuously applied to the device.
- 5) **MAXIMUM LOAD:** 8 A for "SPD-277S-xxkA"

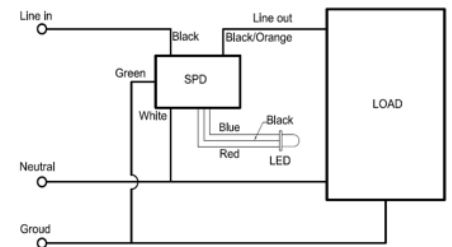
RoHS



Parallel Connection



Series Connection



Series Connection with Remote EOL Indicator

OVERVIEW

- IP67, optimized for use in outdoor applications
- Protects against surges in accordance with UL1449 and IEEE C62.41.2.C
- 90°C high temperature flameproof enclosure
- CAUTION: Only for use with universal input voltage LED drivers (277 Vac)

APPLICATIONS

- Additional level of protection from dangerous power line transient in commercial and industrial applications
- Area & Roadway lighting
- Factory, Warehouse, and Distribution Center lighting
- Sports & Stage lighting
- Airports & Dockyard lighting

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