

# SURGE PROTECTION FOR POLE MOUNTED LED LIGHTING

The LP Series (SPD) by Omega Power is designed to provide lightning and surge protection for pole mounted outdoor lighting systems. The compact weatherproof enclosure is designed for installation in the hand hole at the base of each pole.

Wired Inline and internally Kelvin connected, this unit is easy to install in the typical light pole hand hole and has thermally fused MOV technology, LED status light indication, and a high peak rating making it suitable for high exposure locations.

For optimum protection, the LP series should be installed at each pole and a SP160 or an FDA/B SERIES panel protector should be installed at the panel feeding power to the outdoor lighting. The LP SPD includes 12" wire leads and a 22" ground connection wire.



Model	LP1	LP2	LP4
Peak Surge Current (8/20 $\mu$ s)	40kA	40kA	40kA
Max. Allowable Voltage (MCOV)	150	320	550
Current Drain (microamps)	100	100	100
Insulation to Ground (volts)	>600	>600	>600
Lighting Application	120VAC	240 OR 277VAC	277/480VAC
Voltage Configuration	Single Ph 2w +Gnd	Single Ph 2w +Gnd	Single Ph 2w +Gnd
Continuous Operating Current	30 amps	30 amps	30 amps
Operating Frequency	47-63 Hz	47-63 Hz	47-63 Hz
Modes of Protection	L-G, N-G	L-G, N-G	L-G, N-G
Dimensions	1.5"H x 2"W x 2)L	1.5"H x 2"W x 2)L	1.5"H x 2"W x 2)L
Weight	1 lb	1 lb	1 lb