



# BSP3-120(LC) / BSP3-208-240(LC) BSP3-277(LC) / BSP3-347(LC) BSP3-480(LC)

LC Series (compact) 3-Pole LED Driver & Ballast Surge Protectors

## Features

- The BSP3 LC Series are 3-leaded devices that protect: Line-Ground, Line-Neutral, and Neutral-Ground, in accordance with IEEE / ANSI C62.41.2 guidelines
- Protects against surges according to IEEE C62.41.2 C High (10kA and 10kV)
- Protects against surges according to ANSI C136.2
- Surge current rating = 10,000 Amps using industry standard 8/20  $\mu$ Sec wave
- Surge Location Rated Category C3
- UL Recognized Component in the United States and Canada (UL935, UL1029), Some models Recognized to UL1449 (see below)
- High temperature, flameproof plastic enclosure, 85°C max surface temp rating
- Thermally Protected Transient Over-voltage Circuit

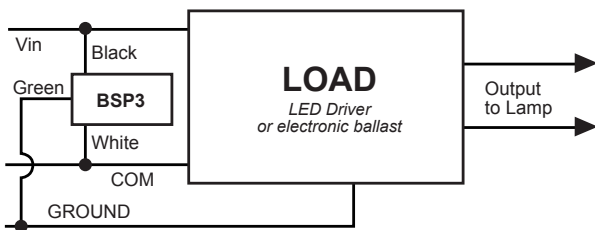
BSP3(LC) series products are designed for use in conjunction with LED Drivers and electronic fluorescent and HID ballasts to provide an additional level of protection against power-line disturbances in industrial and commercial applications. Smaller and lower cost than our standard BSP3 series.



Part Number	Mains Voltage	Continuous Max Voltage Rating		Max Clamping Voltage 8/20 $\mu$ S @ 10kA	UL1449	UL935/ UL1029
		AC	DC			
BSP3-120 (LC)	120V	150	200	600		•
BSP3-208-240 (LC)	240V	275	350	1000		•
BSP3-277 (LC)	277V	320	420	1500		•
BSP3-347 (LC)	347V	420	560	1900	•	•
BSP3-480 (LC)	480V	550	715	2500	•	•

Note: While the standard BSP3-277 is Recognized to UL1449, the BSP3-277(LC) is not

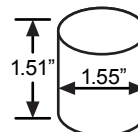
## Wiring



## Dimensions (Nom.)

**Leads:**  
12", stripped 0.63"  
**Leadwire:**  
AWG#18 solid  
**Weight:**  
0.22 lbs / 87g

Pulse rating (8 x 20 $\mu$ Sec)	
Strikes	Surge
1	10,000 A
2	6,500 A
10	3,000 A
100	1,500 A
1,000	700 A



★ **MADE IN USA** ★  
Of Imported And Domestic Components

Specifications subject to change without notice.

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