



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

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

## Features

- The BSP3 LC Series are 3-leaded devices that protect: Line-Ground, Line-Neutral, and Neutral-Ground connections
- Protects against surges and transients per ANSI C62.41-2002 category C low (6KV, 1.2/50µS & 3KA, 8/20µS) standard Combo waves and (6KV, 100KHz) Ring wave
- 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
- 120V Model: Protection for LED drivers capable of operating at 120V nominal input voltage.
- 240V Model: Protection for LED drivers capable of operating at 240V nominal input voltage or with universal input range of 120V through 240V. Not suitable for 120V-only devices.
- 347V Model: Protection for LED drivers capable of operating at 347V nominal input voltage or with universal input range of 277V through 347V. Not suitable for 120V, 240V or 277V -only devices.
- 277V Model: Protection for LED drivers capable of operating at 277V input voltage or with universal input range of 120V through 277V. Not suitable for 120V- or 240V-only devices.
- 480V Model: Protection for LED drivers capable of operating at 480V input voltage or with universal input ranges of 277V through 480V or 347V through 480V. Not suitable for 277V- or 347V-only devices.

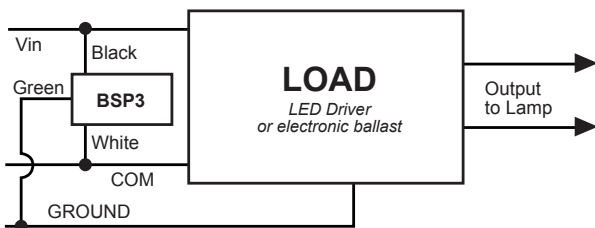
BSP3(LC) series products are designed for use in conjunction with LED Drivers and electronic fluorescent and HID ballasts to provide an additional level of protection against powerline disturbances in industrial and commercial applications. The main product feature of the LC series is being smaller and lower cost than our standard BSP3 series. The LC series also protect electronic fluorescent and HID ballasts.



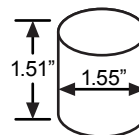
Part Number	Mains Voltage	Continuous Max Voltage Rating		Max Clamping Voltage 8/20 µS @ 10kA	UL1449	UL935/ UL1029
		AC	DC			
BSP3-120 (LC)	120V	150	200	600		•
BSP3-208-240 (LC)	240V	275	350	1000		•
BSP3-277 (LC)	277V	320	420	1500	•	•
BSP3-347 (LC)	347V	420	560	1900		•
BSP3-480 (LC)	480V	550	715	2500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

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 µSec)	
Strikes	Surge
1	10,000 A
2	6,500 A
10	3,000 A
100	1,500 A
1,000	700 A



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Specifications subject to change without notice.

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