

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Thomas Research Products](#)

[BSP3-120-LC](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



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 μ 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
- 277V versions are designed to protect LED Drivers with universal input range of 120 through 277 volts, as well as 277V Max input
- 480V versions are designed to protect LED Drivers with universal input range of 277 through 480 volts or 347V through 480V, as well as 480V Max input

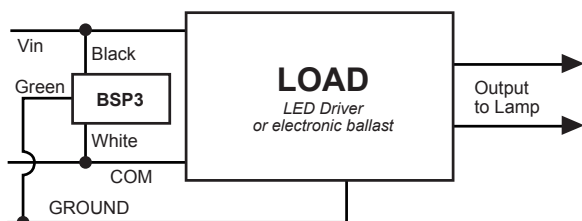
BSP3(LC) series products are designed for use in conjunction with LED Drivers and electronic fluorescent and HID ballasts to provide an additional level of protection against power-line disturbances in industrial and commercial applications. Smaller and lower cost than our standard BSP3 series.



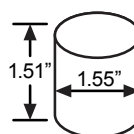
Part Number	Mains Voltage	Continuous Max Voltage Rating		Max Clamping Voltage 8/20 μ S @ 10kA	UL1449	UL935/ UL1029
		AC	DC			
BSP3-120 (LC)	120V	150	200	600		•
BSP3-208-240 (LC)	240V	275	350	1000		•
BSP3-277 (LC)	277V	320	420	1500		•
BSP3-347 (LC)	347V	420	560	1900	•	•
BSP3-480 (LC)	480V	550	715	2500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

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 μ 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.

Rev 7-27-16