



BSP3-120 / BSP3-208-240 / BSP3-277 BSP3-347 / BSP3-480

BSP3 series 3-Pole LED Driver & Ballast Surge Protectors, Enhanced

Features

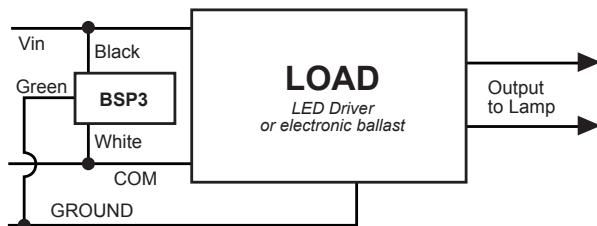
- The BSP3 Series are 3-leaded devices that protect Line-Ground, Line-Neutral, and Neutral-Ground in accordance with IEEE / ANSI C62.41.2 guidelines
- Protects against surges according to IEEE C62.41.2 C High (10kA and 10kV)
- Protects against surges according to ANSI C136.2
- Surge current rating = 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

BSP3 series products are designed to be used 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

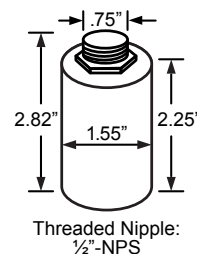


Part Number	Mains Voltage	Continuous Max Voltage Rating		Max Clamping Voltage 8/20 μ S @ 10kA	UL1449	UL935/ UL1029
		AC	DC			
BSP3-120	120V	150	200	600		•
BSP3-208-240	240V	275	350	1000		•
BSP3-277	277V	320	420	1500	•	•
BSP3-347	347V	420	560	1900	•	•
BSP3-480	480V	550	715	2500	•	•

Wiring



Dimensions (Nom.)



Leads:
12", stripped 0.63"

Leadwire:
AWG#16 stranded

Weight:
0.33 lbs / 128g

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



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Specifications subject to change without notice.

Rev 6-27-14



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

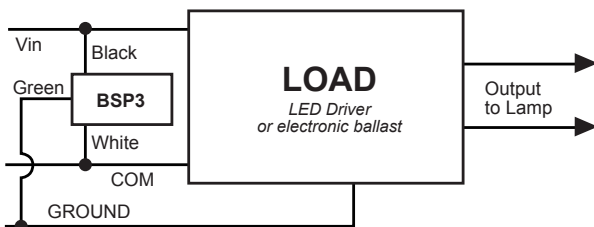
BSP3(LC) series products are designed for use in conjunction with LED Drivers and electronic fluorescent and HID ballasts to provide an additional level of protection against power-line disturbances in industrial and commercial applications. Smaller and lower cost than our standard BSP3 series.



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

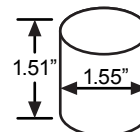


Dimensions (Nom.)

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



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Rev 6-27-14



BSP3-277-20KA / BSP3-480-20KA

3-Pole LED Driver & Ballast Surge Protectors,
with 20,000 Amp protection

Features

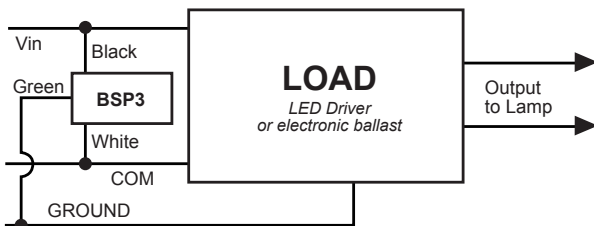
- The BSP3 Series are 3-leaded devices that protect Line-Ground, Line-Neutral, and Neutral-Ground in accordance with IEEE / ANSI C62.41.2 guidelines
- Protects against surges according to IEEE C62.41.2 C High (10kA and 10kV)
- Protects against surges according to ANSI C136.2
- Surge current rating = 20,000 Amps using industry standard 8/20 μ Sec wave
- Surge Location Rated Category C3
- UL Recognized Component in the United States and Canada (UL1449, UL935, UL1029)
- BSP3 - 277 - 20KA is CE certified
- High temperature, flameproof plastic enclosure, 85°C max surface temp rating
- "-TN" Option includes Threaded Nipple

BSP3-20KA 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

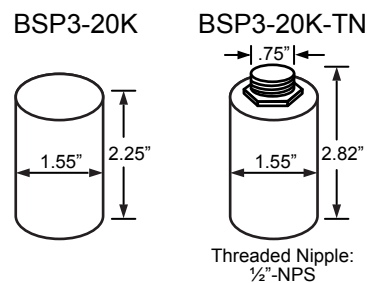


Part Number	Mains Voltage	Continuous Max Voltage Rating		Max Clamping Voltage 8/20 μ S @ 20kA	UL1449	UL935/ UL1029	CE
		AC	DC				
BSP3-277-20KA	100-277V	320	420	1600	•	•	•
BSP3-480-20KA	480V	550	745	3000	•	•	

Wiring



Dimensions (Nom.)



Leads:
12", stripped 0.63"

Weight:
0.35 lbs / 138g

Pulse rating (8 x 20 μ Sec)	
Strikes	Surge
1	20,000 A
2	15,000 A
15	10,000 A
120	3,000 A



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Rev 6-29-15