



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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BSP3 Series

BSP3-120 / BSP3-208-240 /
BSP3-277 BSP3-347 / BSP3-480
3-Pole LED Driver & Ballast Surge Protectors

Rev 8-10-2017

Intelligent Device
ECOSYSTEM
classic

Features

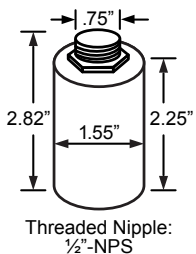
BSP3 series products are designed to be used in conjunction with LED Drivers to provide an additional level of protection against powerline disturbances in industrial and commercial applications. BSP3 products also protect electronic fluorescent and HID ballasts.

- The BSP3 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
- Protects against surges and transients per new ANSI C82.77-5 2015 category C medium (10KV, 1.2/50µS & 5KA, 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.



Model	Mains Voltage	Continuous Max Voltage Rating		Max Clamping Voltage 8/20 µS @ 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	•	•

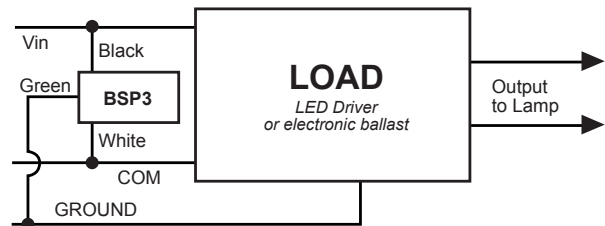
Dimensions



Leads:
12", stripped 0.63"
Leadwire:
AWG#16 stranded
Weight:
0.33 lbs / 128g

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

Wiring



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

