

Excellent Integrated System Limited

Stocking Distributor

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[Thomas Research Products](#)
[BSP3-120](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



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

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

Features

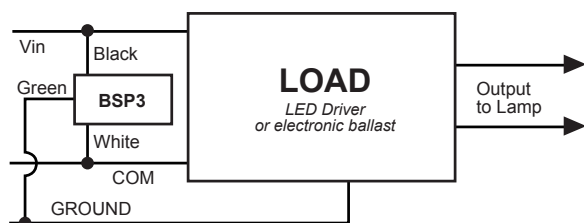
- The BSP3 Series are 3-leaded devices that protect Line-Ground, Line-Neutral, and Neutral-Ground connections
- Protects against surges and transients per ANSI C62.41-2002 category C low (6KV, 1.2/50µS & 3KA, 8/20µS) standard Combo waves and (6KV, 100KHz) Ring wave
- Protects against surges and transients 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
- 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 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

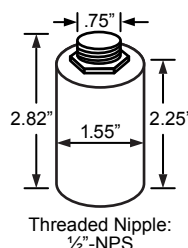


| Part Number | Mains Voltage | Continuous Max Voltage Rating | | Max Clamping Voltage 8/20 µS @ 10kA | UL1449 | UL935/ UL1029 |
|--------------|---------------|-------------------------------|-----|--|--------|------------------|
| | | AC | DC | | | |
| BSP3-120 | 120V | 150 | 200 | 600 | | • |
| BSP3-208-240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

Wiring



Dimensions (Nom.)



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 |



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

Specifications subject to change without notice.

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