## **BSP3(20KA)** Series

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

#### **Features**

BSP3-20KA series products are designed for use in conjunction with LED Drivers to provide an additional level of protection against powerline disturbances in industrial and commercial applications

- 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 high (10KV, 1.2/50 $\mu$ S & 10KA, 8/20 $\mu$ S) standard Combo waves and (6KV, 100KHz) Ring wave
- Protects against surges and transients per new ANSI C82.77-5 2015 category C high (20KV, 1.2/50 $\mu$ S & 10KA, 8/20 $\mu$ S) standard Combo waves and (6KV, 100KHz) Ring wave
- UL Recognized Component in the United States and Canada (UL1449, UL935, UL1029)
- BSP3 277 20KA is CE certified
- High temperature, flameproof plastic enclosure, -40°C to 85°C max ambient temperature rating
- "-TN" Option includes Threaded Nipple
- 277V Model: Protection for LED drivers capable of operating at 277V input voltage or with universal input range of 120V through 277V
- 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
- Meets CSA22.2 No. 269.5-17 Surge Protection Devices
- No serviceable parts (Aucune pièce remplaçable ou réparable)





Model	Mains Voltage	Continuous Max Voltage Rating		Measured Limiting Voltage	Nominal Current	Max Clamping Voltage	UL1449	UL935/	CE	Threaded
		AC	DC	Mode: (MLV)	(In)	8/20 μS @ 10kA		UL1029		Fiting
BSP3-277-20KA	277V	320	420	L-N: 2180V L-G: 2180V N-G: 2180V	10kA	1600	٠	•	•	
BSP3-277-20KA-TN	277V	320	420	L-N: 2180V L-G: 2180V N-G: 2180V	10kA	1600	•	٠		•
BSP3-480-20KA	480V	550	745	La-Lb: 2740V La-G: 2740V Lb-G: 2740V	10kA	3000	٠	•		
BSP3-480-20KA-TN	480V	550	745	LA-LB: 2740V LA-G: 2740V LB-G: 2740V	10kA	3000	٠	٠		•

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A single phase input from a 3-phase system uses only 2 phase line connections (A-B, B-L or C-A)

### **Dimensions**





Leads: 12", stripped 0.63"	-
Weight: 0.35 lbs / 138g	

<b>Pulse rating</b> (8 x 20 μSec)				
Strikes	Surge			
I	20,000 A			
2	15,000 A			
15	10,000 A			
120	3,000 A			

# Current

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