



# Thomas Research Products

SSL Solutions Faster Than The Speed Of Light®

## FSP3-277-20KA

FSP3 series 3-Pole Fused In-Line Surge Protector for LED Drivers & Electronic Ballasts, includes Indicator LED

The FSP3-277-20KA is designed to be used in conjunction with LED Drivers to provide an additional level of protection against powerline disturbances in industrial and commercial applications. Also protects electronic fluorescent and HID ballasts.

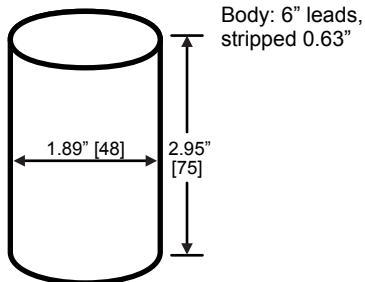
### Features

- The FSP3-277-20KA is a 4-leaded device that protects Line-Ground, Line-Neutral, and Neutral-Ground in accordance with IEEE / ANSI C62.41.2 guidelines
- Provides a positive indication of End-of-Life by opening voltage to the fixture, and turning off the fixture
- Includes a green LED indicator. When lit, it indicates that the FSP3 is fully functional and providing protection to the fixture. When unlit, it indicates that the FSP3 has reached End-of-Life and needs to be replaced.
- Protects against surges according to IEEE C62.41.2 C High (20kA and 10kV)
- Surge current rating = 20,000 Amps using industry standard 8/20  $\mu$ Sec wave
- 7.0 Amp maximum load
- Surge Location Rated Category C3
- UL Recognized Component in the United States and Canada (UL1449)
- High temp, flameproof plastic enclosure; 85°C max surface temp rating
- **FSP3-277-20KA** is for use with any 100-277V power supply, LED Driver, e-HID Ballast, Electronic Fluorescent Ballast, Induction Generator

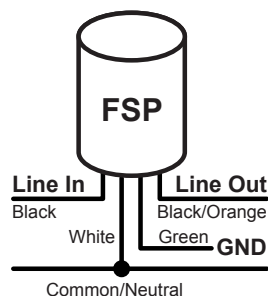


Part Number	Clamping Voltage Max	Surge Rating (2ms)	UL1449
FSP3-277-20KA	825	540 Joules	•

### Dimensions (Nom.)



### Wiring



Pulse rating (8 x 20 $\mu$ Sec)	
Strikes	Surge
1	22,000 A
2	15,000 A
10	6,500 A
120	3,000 A
1,000	2,000 A



Specifications subject to change without notice.

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