

SPW-120

Commercial Grade

Wall Plug-Ins In Wall Mount A/C Power

SPW-120H

Hospital Grade



Features:

- ▶ Maximum protection “in the wall” flush mount, nothing extends from the wall for tight spaces. Easily installs into existing wall outlet box.
- ▶ Exceeds all recommendations for ANSI/IEEE C62.41-1991 Categories A3 & B3, and UL 1449 Second Edition.
- ▶ Unique multi-stage “No Wear Out” design (Differential & Common Mode) provides the most effective suppression.
- ▶ Sub nanosecond response time stops failures due to lightning, spikes and overvoltage surges while minimizing other electrical noise.
- ▶ Automatic reset and fail safe design requires no maintenance or indicator lamps. Eliminates “Out of Service” downtime and repair/replacement costs caused by damaging power surges.
- ▶ EMI/RFI filtering and suppression, both common and normal mode, provide the most effective suppression.
- ▶ Standard color is beige; however, it can be ordered in gray, brown, white or chrome.
- ▶ SPW-120H provides hospital grade/isolated ground (NEC Article 517 high abuse environment).
- ▶ Superior protection at an affordable price.

Applications:

The SPP-120W and SPP-120H are designed to protect all types of electronic equipment for the home, office, and industrial environments which require standard 120 VAC – 15 Amp – 50/60 Hz service. The SPW-120H provides additional protection for high abuse environments which require an isolated ground. Both products offer minimal installation and maximum protection. The same protection is provided with these models as with premier external plug-in models..

Typical Installation:

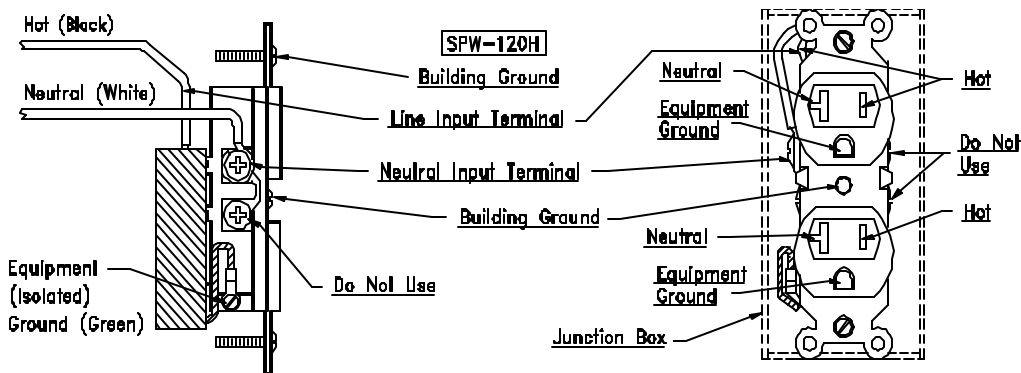
Both models replace a standard duplex receptacle with a protected outlet. The suppressor is designed to fit all versions of NEC approved electrical outlet boxes. An electrician or other qualified person should install the suppressor using the instructions included with the product.

SPW-120 and SPW-120H Operating Specifications:

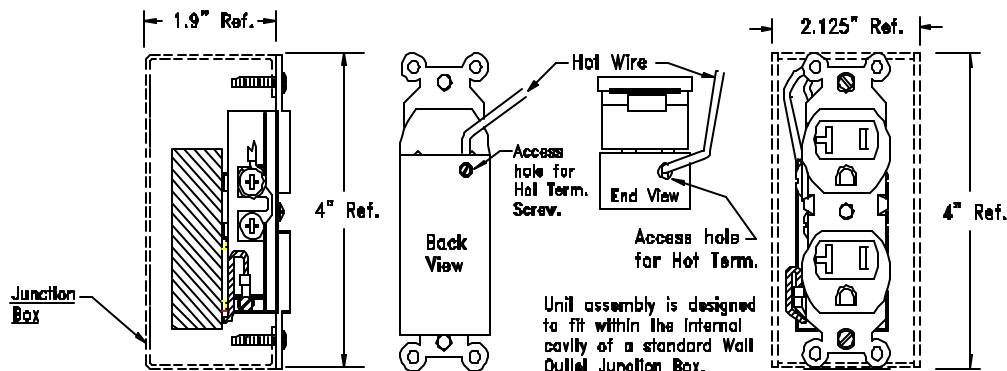
Specifications	SPW-120	SPW-120H
Line Voltage Rating at 50/60 Hertz	125 VAC	125 VAC
Maximum Operating Line Current	15 Amps	15 Amps
Clamping Action Turn-On	210 Volts	210 Volts
Maximum Transient Voltage	6 kV	6 kV
Maximum Transient Current	3 kA	3 kA
Frequency Attenuation at 100 kHz / 10 MHz	-30 dB / -55 dB	-30 dB / -55 dB
Maximum Leakage Current	.5 mA	.5 mA
Response Time	Less than 1 nanosecond	
Storage and Operating Temperature	-40 Degrees Celsius to +85 Degrees Celsius	
Max Clamping Voltage: Line - Neutral I _t	220 Volts	220 Volts
Max Clamping Voltage: Line - Gnd, Neutral I _t	240 Volts	240 Volts
Max Clamping Voltage: Line - Gnd, Neutral (500 Amps)*	330 Volts	330 Volts
Max Clamping Voltage: Line - Gnd, Neutral - Gnd (500 Amps)*	-40 °C to +70 °C	
Isolated Ground (NEC Article 517)	No	Yes

* Waveforms: 1.2 x 50 µSec source voltage, 8 x 20 µSec source current.

Typical Installation:



Outline Dimensions:



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