

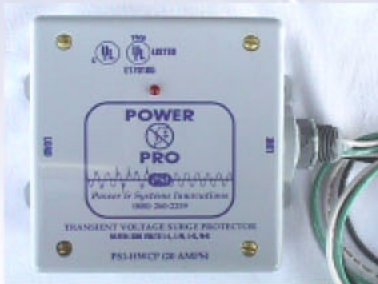


Product Information for:

Model #

PSI -120-HWCP-20  
Branch Circuit Protector

The PSI-120-HWCP-20 (20 AMPS) surge protector takes advantage of the latest technology and provides multiple stages of protection for electrical panel connected circuits and connected equipment. Tested to ANSI/IEEE and UL impulse standards PSI-HWCP-20 was developed to protect electrical distribution circuits and connected equipment where it is preferred to use hardwired branch circuit surge suppressors. This surge protector goes beyond industrial grade surge protection as the PSI-HWCP-20 is self-restoring after each surge within ratings and has a Lifetime Product Warranty.



PSI 120 HWCP-20SE



PSI 120 HWCP-20

**SPECIFICATIONS: OPERATING & ELECTRONIC**

Operating Voltage.....	120 Volts
Operating Amperage.....	20 Amp
Operation Temperature.....	-40 to +85 C
Connection.....	Hardwired Series
Lines Protected.....	L-N, N-G, L-G
Installation Configuration.....	Series
Design.....	Hybrid, Multiple Stage
Maximum Surge Current (8X20 us).....	10,000 Amps Total
Maximum Surge Voltage (1.2X50 us).....	20,000 Volts
Energy Dissipation: Volt Amps.....	12,000,000
Energy Dissipation: Joules.....	1000
Clamping Voltage.....	130 Volts RMS
Clamping Response Time.....	<5 nanoseconds

**TESTING DATA & UL LISTING**

UL Recognized Component File.....	E170105
UL 1449 Listing.....	330 Volts, All Modes
Pass Voltage Tested to UL 1449 Standards.....	L-N 154 Volts RMS
IEEE 587 (ANSI C62.41 - 1980) B3 Impulse.....	L-G 185 Volts RMS
	N-G 145 Volts RMS

**NOISE FILTRATION**

Noise Filter Response.....	Series - Active
Noise Filter EMI/RFI.....	40 - 80dB down -10KHz-10MHz
Failure Mode.....	Safe (Open)

**MECHANICAL**

Dimensions..... Depth: 2.5", Width: 7", Length: 4.75", Tabs: .5"

**DIAGNOSTICS**

Operation Indicator.....LED

**Power & Systems Innovations, Inc.**

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**Warranty**

PSI surge protectors have a Lifetime Product Warranty. Please see warranty statement for complete product warranty information.