



POWERTRACKER[®]

Digital Power Filter Products



The innovative hybrid design of EFI's Digital Power Filter (DPF) assures the highest level of protection required for today's sophisticated digital copiers. Its surge suppression circuit is optimized through the use of a staged circuit that reduces transients through a second set of clamping devices and reduces the transient to a safe level.



APPLICATIONS

The PowerTracker DPF product line was designed specifically for today's sophisticated copy machines. The DPF provides a dedicated and isolated outlet for copy machines with a second stage of filtration that prevents other peripheral devices from interrupting and / or corrupting the power supply to the copier.

SUPERIOR PERFORMANCE

The noise filtering circuit utilizes an LCR noise filter that provides excellent common mode and normal mode filtration. Filtration that not only reaches a performance level of over -65 dB but sustains a high attenuation level from 150 kHz to 30 MHz. This broad band noise filter exceeds the noise protection levels specified by equipment manufacturers.

EASY INSTALLATION

The PowerTracker DPF installs quickly and easily to standard electrical outlets, and it's compact design allows it to be concealed behind or under copier machines.

FEATURES	ADVANTAGES	BENEFITS
Isolated outlet	Isolates copier from other noise generating devices	Prevents disruption and downtime caused by other connected devices
Broad band noise filtration	Filters noise frequency from 150kHz to 30 MHz	Prevents equipment disruption and damage
Two stage TVSS network	Reduces transient through two stage suppression	Prevents transient residual from interrupting operation
8 line network protection	Compatible with 100Base T, TX, and T4 applications	Connects to and protects advanced network protocols
Resettable phone circuit surge device	Phone circuit fuse resets after fault condition is removed	Keeps equipment operational through repeated surges without servicing

DPF Product Specifications

MODELS AVAILABLE

SPF12015, SPF12015N, SPF12020, SPF12020N, SPF20820, SPF20820N

PERFORMANCE

Technology	Hybrid Dual Stage
Response Time	< 5 ns
Surge Current Capacity	> 40 kA
Common Mode per Mil-STD 220A (input to isolated outlet)	
150 k - 300 kHz	> -40 dB
300 k - 2 MHz	> -60 dB
2 M - 10 MHz	> -50 dB
10 M - 20 MHz	> -40 dB
20 M - 30 MHz	> -35 dB
Normal Mode per Mil-STD 220A	
150 k - 2 MHz	> -60 dB
2 M - 14 MHz	> -30 dB
14 MHz - 30 MHz	> -20 dB
Sinewave Tracking	Yes
Filter Response Time	Instant - On
Filter Order	5th
Operational Status Indication	Green Light - O.K.
Operating Frequency	60Hz

MECHANICAL DESCRIPTION

Dimensions	7.5" x 5.6" x 2"
Weight (product)	2 lbs
Weight (shipping)	3 lbs
Electrical Cord Length	6 ft
Mounting Means	Velcro

TELCO PROTECTION

Internet/Fax/Modem Connection	RJ11/RJ14
DSL Ready	Yes
Lines Protected	2 Pair (2, 3, 4, 5)
Response Time	< 2 ms
Thru-put Resistance	20 Ohms
Clamping Voltage (UL 497A)	330 V
Resettable Circuit	Yes
Surge Current Capacity	
8/20 uS	250 A
10/700 uS	125 A
10/1000 uS	100 A
Power Cross (Bellcore GR-1089)	600 V



NETWORK PROTECTION

Network Connection	Shielded RJ45
RJ11 Keep-out	Yes
Lines Protected	1, 2, 3, 4, 5, 6, 7, 8
Cat 5, 100Base-TX	Yes
Cat 3/5, 100Base-T4	Yes
Bi-directional protection	Yes
Response Time	< 1 ps
Protection Rated (UL 497B)	5-7 Vdc

DIAGNOSTICS

Standard	Push to Test Diagnostic Switches, Red & Green Status LED's per Phase, Dry Contacts, Audible Alarm
Optional	Surge Counter, Flushmount

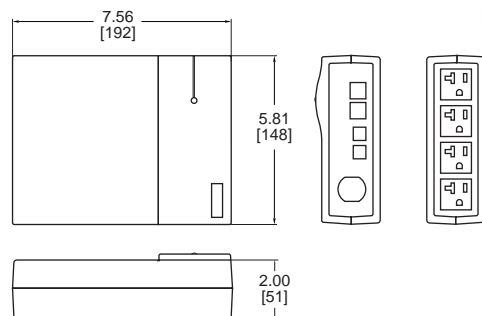
SAFETY APPROVALS

 1449 2nd Edition, 

WARRANTY

Product	10 years
Downline Warranty	\$25,000

DPF Model Description	120 V 15 A	120 V 20 A	208 V 20A
AC Protection	SPF12015	SPF12020	SPF20820
AC and Network Protection	SPF12015N	SPF12020N	SPF20820N
Electrical Ratings			
Rated Line Voltage	120 Vac	120 Vac	208 Vac
Maximum Load Current	15 A	20 A	20 A
Overload Protection	15 A Fuse	20 A Fuse	20 A Fuse
Electrical Input Connections	NEMA L5-15	NEMA L5-20	NEMA L6-20
Electrical Output Connections	NEMA R5-15	NEMA R5-20	NEMA R6-20
Number of Receptacles	4	4	1
Connected Equipment Warranty	\$25,000	\$25,000	\$25,000



Dimensions:  in.
 mm



EFI Electronics Corporation
1-800-877-1174
efinet.com