

EFC-HPF RESIDENTIAL HOME PROTECTION



THE EFC-HPF

- An industrial grade **surge protector** and **noise filter** for residential market
- Eliminates detrimental **power disturbances** that permeate the residential electrical distribution system
- Designed to protect the **sensitive residential appliances** such as high-end audio/video systems, HVAC and other computer loads
- **Complete Home Protection**
- Available in **10kA, 18kA and 22kA** max surge current
- **Quick connection** to any manufacturer's breaker

ABSORBS, DISSIPATES & REMOVES

- Transient voltage surges and spikes
- Frequency Noise Between 3kHz-1MHz
- Ring and combination waves (noise)
- Ground surges and ground loops (when equipped with EFC-2750)

EFC-HPF Specifications

OPERATING FREQUENCY

45 - 65 Hz

FREQUENCY ATTENUATION

-20 dB/decade roll-off starting at 2.5 kHz

MAX SURGE CURRENT

10kA, 18kA and 22kA mode

MCOV

20% above rated voltage

SAFETY APPROVALS

UL 1449 4th Edition TVSS Testing Type 2 SPD

CSA C22.2#8:2013 Ed 5 EMI filters

SAFETY RATINGS

Fire Rating 94V-0

OPERATING ENVIRONMENT

Approximately -25°C to 65°C

RESPONSE TIME

Primary Response Time: Instantaneous; Key Event Time: Approx. 1 Nanosecond

COMPLIANCE

NEMA LS-1, NEC Surge Suppression Standards, Electrical Notice 516

CONNECTION

Wire leads. Size: 14 AWG Length: 3'

MATERIALS

Plastic Housing, LED Indicator Lamps, 14 AWG 600 V rated Wire.

Circuit encapsulated in epoxy to retain integrity of circuitry in failure mode.

ACCESSORIES

Green LED indicates active phase

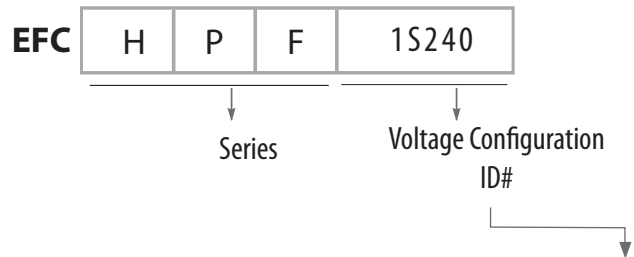
DIMENSIONS & WEIGHT

Length: 4.85", Width: 3.41", Depth: 1.75", Weight: 1 lb.

Compact for easy installations

EFC-HPF Ordering guidelines

MODEL NUMBER



VOLTAGE CONFIGURATIONS

SYSTEM VOLTAGE	PROTECT MODE	VPR	SYSTEM CONFIGURATION	VOLTAGE ID#
Single Phase 100/200	L-N L-G	400	3 Wire + G	1S200
Single Phase 120/240	L-N L-G	400	3 Wire + G	1S240
Single Leg 240	L-N L-G	400	2 Wire + G	1L240