



# HOMEGUARD 4S-250-B

## 100,000 Amp Meter Mounted Protection

High quality surge protection mounted at the electrical meter for residential “whole house” protection. The HomeGuard™ provides high quality protection from the constant attack of transient voltages as well as high energy surge currents from nearby lightning strikes.



### Superior Performance

The EFI HomeGuard utilizes a high energy suppression circuit which provides 100,000 peak amps of surge protection to protect home office equipment, entertainment systems or other electronic household appliances.

### Easy Installation

The EFI HomeGuard quickly plugs into the meter socket to protect against any disturbance originating outside the home.

### Application

The HomeGuard by EFI Electronics is designed for installation into single phase, four jaw meter sockets rated up to 200 amps. The primary use is for residential and light commercial facilities.

FEATURES	ADVANTAGES	BENEFITS
Meter Socket Adapter design	Easily and quickly mounts to the meter socket at the service entrance	Provides “whole house” protection
Suppression Status Alarm	Provides immediate alarm if suppression is ever damaged	Prevents operating without protection
100,000 Peak Amp Capacity	Provides protection against high energy nearby lightning strikes	Keeps valuable electronics safe even in the worst electrical conditions

# EFI HOMEGUARD

## Product Specifications

### Product available: HG4S-250-B

#### Mechanical Description

Dimensions:	3.63" x 8.73"
Housing Ratings:	NEMA 3R
Product Weight:	1.5 lb
Connection Method:	Plugs Into Meter Base

#### Features

Diagnostics:	Audible Alarm
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#### Operating Specifications

Nominal line voltage:	120/240
Max cont operating voltage:	250
Operating frequency:	50/60/400 Hz
Total surge current:	100KA
Max surge current per mode:	
L1 - G	50KA
L2 - G	50KA
Circuit type:	Parallel High Energy
Storage Temperature:	-40 to +160 F (-40 to +70 C)
Operating temperature:	+14 to +140 F (-40 to +60 C)
Operating altitude:	Sea Level to 12,000 feet (3,658 Meters)

#### Performance

ANSI/IEEE C62.41:	
Category A3 200A	600 V
Category B3 500A	660 V
Category C1 3000A	690 V
EMI/RFI noise rejection:	Up to -20dB
Thermal Fusing:	Yes

#### Warranty

Product:	10 years
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