



*“...everything in the home is microelectronic based.”*

In today's electronic world, your home's electrical, phone, and cable systems are incomplete unless they incorporate surge protection. Since most everything in the home is micro electronic based, it is not practical to solely rely on surge protected plug strips.

Appliances, heating and cooling systems, garage door openers, and even energy saving light bulbs are examples of equipment that can't be surge protected by plug strips. The cost to repair or replace these items far exceeds the cost of a total home surge protection solution.

Too effectively surge protect ALL of your home's equipment, Siemens developed our FirstSurge™ family of surge protective devices. They **stop surges** right at your incoming services before they can travel down the power, cable, and telephone lines damaging your equipment.

**Siemens Industry, Inc.**  
5400 Triangle Parkway  
Norcross, GA 30092  
888-333-3545

[info.us@siemens.com](mailto:info.us@siemens.com)

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**SIEMENS**



Total Home Surge Protection

**FirstSurge™**

[www.usa.siemens.com/spd](http://www.usa.siemens.com/spd)

## Protect your sensitive electronics and appliances with **Siemens Total Home Surge Protection.**

### FirstSurge™ Protective Devices

Too effectively surge protect today's smart appliances and other sensitive electronic equipment, you need to **first stop surges** before they get into your home and from surges generated inside the home. Large damaging surges enter your home primarily through your main power, cable, and telephone services. When left unprotected, surges will permeate throughout the home damaging your electronics and appliances.



Dishwasher



Refrigerator



Water Heater



Stove/Range



Washer/Dryer



Satellite & Television



Incoming Telephone



**FirstSurge™ Power, Plus or Pro**  
Power Surge Protection for all electrical and electronics inside the home



**FSCATV**  
Incoming Telephone/DSL service Surge Protection



**FSPHONE**  
Incoming cable TV or satellite service Surge Protection

### What is a Surge?

Unfortunately, the term 'surge' has been used to describe every type of power disturbance. However, a surge, sometimes called a transient or a spike, is a brief burst of energy (voltage and current). The most damaging surges enter through your home's power, cable and telephone lines. However, the majority of surges originate within the home from the action of motor based appliances like dishwashers, refrigerators, garage door openers, etc.

### How do surges affect your equipment?

Large surges can damage equipment by "burning up" the internal components of your sensitive electronic equipment and appliances. Moderate surges disrupt equipment operation and damage internal components. Lower energy surges degrade equipment acting like "electronic rust."

### Sized for where you live.

Based upon thunderstorm frequency, geographic location, and home size, we developed a surge exposure map correlating FirstSurge™ capacities known to provide years of protective service for where you live.

Commercial grade protectors are advised for higher end homes wired as a commercial grade system. Contact your FirstSurge™ representative at 888.333.3545 for recommendations.



- Power (60kA)
- ▒ Plus (100kA)
- Pro (140kA)

### FirstSurge™

Siemens FirstSurge™ stops power surges from entering your electrical system protecting smart appliances, TVs, computers, heating and cooling systems, and more. Every FirstSurge™ includes commercial class notifiers (LEDs, Audible Alarm, and Red Flashing LED) and supplemental GRM Diagnostics.

### Know you're protected.

Siemens knows homeowners want the surge protection certainty commercial business enjoy. This is why every FirstSurge™ electrical protector is equipped with commercial class notifiers (LEDs, Audible Alarm, and Red Flashing LED). Knowing something is wrong enables timely corrective action so 100% surge protection can be restored.

### What is Ground Reference Monitoring (GRM)?

Over time, electrical system connections can become loose due to extreme seasonal changes. In the rare instance, your electrical system's neutral to ground bond connection becomes loose or broken, a serious safety and electrical condition will exist that will potentially damage equipment in the home. If this condition arises, FirstSurge's™ GRM Diagnostics will alert you, and you should immediately contact a licensed electrician to repair this issue in a timely manner.

### FSCATV & FSPHONE

FSCATV and FSPHONE stops cable and telephone surges at the incoming service before they have a chance to travel down to cable TV and telephone outlets.

### Warranty

10 year, \$100,000 connected equipment white appliance warranty covering all major appliances. \*

\*See written warranty