

Square D Whole House Surge Protection

Advanced appliance and electronics protection from surge damage



SQUARE D TM

by **Schneider** Electric

Surges come from many different sources and can cause thousands of dollars in damage.

The cost of surge damage can range from an immediate loss of electronics and appliances to long-term cumulative damage, shortening the life expectancy of expensive home possessions.

Consider this list of common household electronics and their estimated value subject to surge damage risk.



Televisions



Home Office



Refrigerators



Air Conditioners



Stereo Systems & Entertainment Centers



Microwaves



Washers & Dryers



Electric Ranges



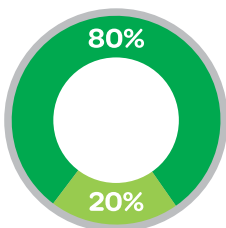
Dishwashers

Only a portion of these items can be protected by surge plug strips alone.



Homes today contain an average of over **\$15,000** worth of unprotected equipment

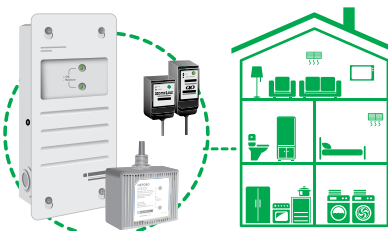
Each year it's estimated that surges can cause **\$26 billion** in lost time, repairs, and equipment.



80% of residential surges come from **inside** the home from equipment such as air conditioners, power tools, pumps, and garage door openers.

20% of residential surges come from lightning, electrical accidents, or utility switching problems.

Whole House Surge Protection safeguards electronics and appliances from damaging volts and surges.



Whole House Surge Protection

When surge protection is installed at the electrical panel, it helps protect all the devices in the home, including those that are not plugged into a surge plug strip (e.g. washers, dryers, stoves, refrigerators).



> Surgebreaker Plus

The Surgeloc™ Surgebreaker™ Plus Surge Protective Device protects the entire home from high-energy power surges and low-energy repetitive surges by delivering surge suppression. Surgebreaker Plus surpasses competition through sophisticated modular technology, compact footprint, ease of installation, and easy retrofit capabilities.



> Square D HEPD80

The Square D™ Home Electronics Protective Device (HEPD80) is a compact and affordable surge suppressor designed for residential load centers. The HEPD80 reduces surges that might otherwise overwhelm plug strips and damage connected household equipment. It also provides surge suppression for important items that are not compatible with plug strips such as washers, dryers, refrigerators, stoves, heating and air conditioning equipment, and lighting.



> QO and Homeline Surgebreaker

The QO™ and Homeline™ Surgebreaker is a plug-in surge protective device (SPD) that is installed internally within the load center and is designed to protect the home's electrical system and hard-wired appliances from surges. Installing a Square D Surgebreaker provides critical surge protection against surges that may overload ordinary surge strips.

Surgebreaker Plus Surge Protective Device

- > **Easy to install** — Few screws needed, modules snap into place
- > **Saves space** — Compact design requires minimal space
- > **Maximum surge suppression** — Includes HEPD80 for long lasting protection against more powerful surges, up to 80 kA and offers 120/240V AC voltage protection
- > **Advanced protection** — Whole House Protection including appliances, HVAC, lighting, cable, ethernet, and telephone
- > **5 Year Warranty** — \$75,000 downstream equipment protection
- > **Application flexibility** — Removable modules (cable, ethernet, and telephone) allow quick and easy installation customization





Home Electronics Protective Device HEPD80

- > **Easy to install** — Mounts next to load center
- > **Small footprint and cost** — Compact and affordable surge suppressor
- > **Enhance aesthetics** — Load Center color integration, flush mounting kit available
- > **Maximum protection** — Long lasting protection against more powerful surges, up to 80 kA
- > **5 Year Warranty** — \$50,000 downstream equipment protection
- > **Application flexibility** — Rated for indoor or outdoor use, withstands harsh conditions

QO and Homeline Plug-on Surgebreakers

- > **Easy to install** — Simple load center plug-in, great for finished installations that prevent external device mounting
- > **Advanced protection** — Protects against surges that can overload surge strips
- > **3 Year Warranty** — \$10,000 downstream equipment protection and 3 year product warranty



Square D Surge Protective Devices

Square D Surge Protective Devices have been engineered, designed, and developed based on decades of surge protection expertise and industry-leading technology, delivering innovation and performance in one standard package.

For more information:



Call us at **888-SQUARED**



Visit **www.schneider-electric.us/go/WholeHouseSurge** or
www.schneider-electric.us/go/SurgeProtection

Schneider Electric USA

1415 S. Roselle Road
Palatine, IL 60067
Tel: 847-397-2600
Fax: 847-925-7500
www.schneider-electric.com/us