



Model Number: HEPD80

Square D HEPD80 Whole Home Electronics Protective Device, AC Surge Protection, Type 1 SPD, 120/240VAC, 1Phase 3Wire, 80kA

Manufacturer: Square D

Square D HEPD Whole Home Electronics Protective Device, AC Surge Protection, Type 1 and Type 2 SPD, 120/240VAC, 1Phase 3Wire, 80kA

Type 1 SPDs are at the service entrance and protect against severe external surges,

Type 2 SPDs are at distribution panels and protect against secondary surges, while Type 3 SPDs are at the point of use and protect specific devices from low-level surges

**WHOLE HOME SURGE SUPPRESSOR:** The Square D Whole Home Electronics Protective Device is a compact surge suppressor designed for installation in any residential load centre. It protects and provides surge suppression for electronic and electrical appliances that are not connected to surge strips.

**DOWNSTREAM PROTECTION:** Unlike individual power strip surge protectors that only shield a limited number of devices plugged into them, the Square D HEPD safeguards all electrical devices connected to your home's system. Computers, televisions, kitchen appliances, HVAC systems, security systems, smart home devices, and more are all protected under this suppressor.

**APPLIANCE LIFESPAN ENHANCEMENT:** By preventing damaging voltage spikes, a surge suppressor extends the lifespan of your electronic devices and appliances. It can save you time and money by reducing the need for frequent replacements and repairs. Not to mention this device can significantly reduce the risk of hazardous situations, such as fires, thereby protecting your entire home.

**PEACE OF MIND:** Knowing that your entire home is protected from electrical surges provides peace of mind, especially during severe weather conditions or when the risk of surges is higher. This HEPD is easy to install into the load centre of your home. The LED status indicator on the device will allow you to immediately tell when a replacement is needed.

**POWERING SOLUTIONS:** At Schneider Electric, our purpose is to empower all to make the most of our energy and resources. Individuals and businesses alike can benefit from the integrity and reliability of our extensive line of products. We create tools to aid you in your day-to-day operations and keep things running smoothly!

HEPD devices protect and provide surge suppression for important items that are not compatible with plug strips such as electric cars, concrete grinders, concrete compression testing equipment, floor sanders, concrete dust and hepa vacuums, laser and light show equipment, washers, dryers, refrigerators, stoves, heating and air conditioning equipment, and lighting.

HEPD whole house devices are designed to deliver AC surge protection for the entire AC power system in a home. HEPDs are compact in size and are designed to protect AC wires in the home from surges that could affect home electronics and appliances not connected to surge strips. For use on 120/240 VAC single phase, 3 wire systems with an isolated ground. This device mounts easily next to the load centre. Load

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Centre color integration and flush mounting kits are available for separate purchase. This device provides 80,000 Amps of short circuit protection and 80,000 Amps of surge protection per phase and comes in a consumer package. The surge protection device is in a NEMA 4X (water resistant) housing. The surge protection device is 3.23 inches tall, 3.72 inches wide and 2.10 inches deep. The surge protection device is CSA certified by UL.

At Schneider Electric, our purpose is to empower all to make the most of our energy and resources. As our generation faces a tectonic shift into an industrial revolution catalyzed by a more electric world, we're here to help you and your company maximize its efficiency and sustainability with our products. Electricity is a versatile tool that we can use to solve a wide range of problems on both the micro and macro level. Individuals and businesses alike can benefit from the integrity and reliability of Schneider Electric's extensive line of electrical products which will aid in the operation and maintenance of your day-to-day activities. Simply put &ndash; at Schneider Electric, Life is On

Users Guide  
Installation Manual  
Users Optional Flush Mount Kit Manual.

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UNITED STATES OF AMERICA ELECTRICAL STORM STATISTICS Below  
TOP 5 USA STATES WITH MOST LIGHTNING DISCHARGES (Cloud-to-ground and  
cloud-to-cloud)

Texas 27,696,688  
Florida 18,706,904  
Louisiana 11,561,897  
Oklahoma 9,940,752  
Mississippi 9,957,804

TOP 5 USA STATES WITH THE HIGHEST DENSITY OF LIGHTNING STRIKES  
PER KM2

Florida 109.84  
Louisiana 85.23  
Mississippi 79.37  
Oklahoma 62.82  
Arkansas 60.57

In total, 198 million lightning strikes for all of 2022 in the USA; 4 million more than in  
2021.  
SOURCE: NASA <https://search.earthdata.nasa.gov/search>

*Availability: This product was added to our catalog on Tuesday 28 May, 2024*