

The average home gets hit with over

**20 energy spikes**

per day.<sup>1</sup>



**36.7 m**

million people were affected by power surges in 2017.<sup>2</sup>

Up to **\$15,000**

in electronics that are at risk of being damaged due to power surge.<sup>3</sup>

It's not always in the air. NEMA estimates that

**60-80%** of power surges are triggered by large appliances (e.g., air conditioners) turning off and on.<sup>4</sup>

**SOURCES**

1. Alliant Energy - <https://www.powerhousetv.com/EnergyEfficientLiving/PowerQuality/PowerSurges>
2. EATON 2017 Blackout Report
3. The National Electrical Manufacturers Association - <https://www.nema.org/>
4. NEMA 2016 Estimate - <https://blog.nema.org/2016/11/22/power-surges-protect-your-home/>



# Protecting Your Electronics, Protecting Your Home

## Who is Affected by **NEC 2020**?

**NEC 2020 (Article 230.67)** States that all residential dwelling units shall be provided with a Surge Protective device. This broad code standard applies to **anywhere people live, sleep, cook and have access to sanitation.**



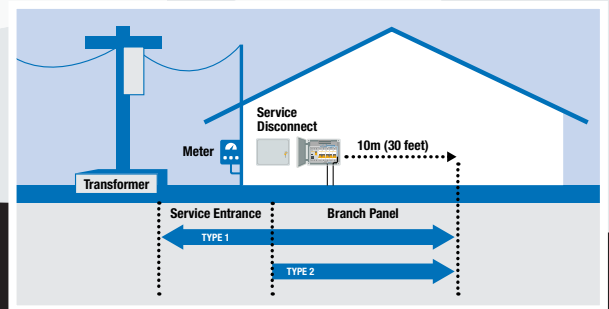
Stay ahead of NEC 2020 guidelines by installing **Type 1** and **Type 2** Surge Protective Devices (SPD) on all new residential projects.

## Why **Power Surge** Matters to Homeowners?

**New and replaced service equipment supplying dwellings are now required to be protected by listed Type 1 or Type 2 Surge Protective Devices.** \*The location of the SPD shall be an integral part of the service equipment or located immediately adjacent to it.

These protect electrical devices and appliances that may not be protected by point of use SPD's. It is estimated that **an average home has \$15,000 worth of equipment that can be damaged by surges.**

Surges can affect entire electrical systems, causing damage to connected appliances and devices, as well as hardwired equipment. **Without a robust surge protection solution in place, homeowners risk costly damage to home electronics and appliances that is often not covered under manufacturer warranties.**



*\*Example of Type 1 and Type 2 installation Location.*



As NEC 2020 code changes roll out across country, you can work with your local Intermatic representative to ensure projects are up to the standard and set for long-term success.

Learn more today at [Intermatic.com/NEC2020](https://www.intermatic.com/NEC2020)





# Surge Protective Devices



## 100% Protection For Home Electronics and Appliances

Protect your investments with Intermatic's portfolio of Type 1 and 2 whole home surge protective devices. Our robust solutions accommodate a variety of homeowner needs and provide a lasting, comprehensive defense against unexpected power surge events. Plus, our universal surge protectors are compatible with any manufacturer's breaker box.

### IG2240-IMSK



Smart Guard® with Replaceable Modules

6 Modes of Protection

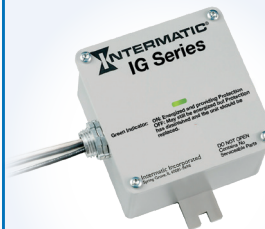
### AG3000



Externally Mounted Surge Protector

3 Modes of Protection

### IG1240RC3



Flush or Surface Mounted Surge Protector

6 Modes of Protection

### IG1200RC3



Flush or Surface Mounted Surge Protector

3 Modes of Protection



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