

## POWER QUALITY CONTROL

### What is it?

A surge protective device protects your electrical equipment and appliances from voltage surges and spikes that interfere with their normal operation.

### What does it do?

Power surges can be generated from external sources outside your home such as lightning, or from internal sources inside your home such as other electronics and appliances. You may be unaware that surges also can enter through telephone lines and cable TV or satellite dish connections. These surges can cause immediate physical damage to your appliances and electronics, wear them down over time or create interferences that cause them to malfunction.

Leviton, a leading manufacturer of surge control devices, has developed an entire system to protect your home. Leviton's complete surge protection plan\* works by protecting your home's electrical service panel from outside surges with "point-of-entry" devices and protecting your electronics and appliances inside your home with "point-of-use" devices.



### What does it do for me?

The popularity of home offices, the Internet and home theaters means that there are more home electronics that are vulnerable to power surges than ever before. This equipment is an expensive investment and spending a little extra money on power surge protection – before your home is built – will result in long-term savings and give you peace of mind.

Leviton offers a number of options to help you make your home energy efficient and protect your valuable electronics from power surges. Planning ahead today... can make a different tomorrow.

*\* Plan includes: Panel-Mount Surge Protective Devices are backed by Leviton's 10-Year Limited Warranty. Many plug-in and stand-alone stackable low-voltage Surge Protective Devices are backed by Leviton's Lifetime Limited Warranty that covers not only the surge devices, but also the equipment they protect up to \$25,000.*

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[www.leviton-lin.com](http://www.leviton-lin.com)*



## EFFICIENT LIGHTING & POWER QUALITY

- DIMMERS
- SCENE CONTROL DIMMERS
- OCCUPANCY SENSORS
- OUTDOOR MOTION SENSORS
- TIMERS
- SURGE PROTECTION



PEACE OF MIND

### WHOLE-HOUSE SURGE PROTECTION

- Electrical Service Panel
- Telephone Service
- Cable or Satellite Dish
- Security System
- Home Automation Controls
- Garage Door Opener
- Home Office
- Sprinkler System
- Entertainment Room
- Kitchen
- Laundry Room
- Home, Pool and Landscape Lighting
- Pool Filter Motor





The rising cost of energy and the increased concern for the environment overwhelmingly support the rationale for homeowners to install energy efficient lighting controls and devices.

In addition to preventing air pollution, these “green” products can deliver big savings on your utility bills. As you go through your new home’s checklist, an equally important consideration should be surge protection devices that are strategically placed both inside and outside the home to protect your expensive electronics and appliances. Peace of mind comes from knowing that by taking a few precautions now, you can protect your family, your home, your precious belongings and the environment today... and tomorrow.

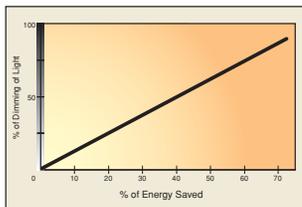
## ENERGY EFFICIENT LIGHTING CONTROLS

### What are they?

Lighting products specially developed for homeowners to lower the amount of energy usage which, in turn, reduces the amount of harmful gases released into the atmosphere. They include: dimmers, scene control dimmers, occupancy sensors, outdoor motion sensors and timers.

### What do they do?

They limit the amount of time the lights are on and the amount of electricity that is used.



*A dimmer can provide substantial energy savings (20% savings with 25% dimming).*



*Even using a dimmer at the “full brightness” setting saves an incremental amount of energy and extends bulb life by reducing stress on the filament – an important consideration in hard-to-reach fixtures.*



### What do they do for me?

As a homeowner, by installing energy efficient lighting controls, you will benefit from greater flexibility in managing your lighting requirements and controlling your utility budget.



*Dimming the lights sets a mood and will save you money on your electric bill.*

DIMMING THE LIGHTS THIS MUCH	REDUCES YOUR ENERGY BILL BY	AND EXTENDS BULB LIFE
10%	10%	2x longer
25%	20%	4x longer
50%	40%	20x longer
75%	60%	More than 20x

## Energy efficient lighting options\*

PRODUCT	DESCRIPTION	APPLICATION
DIMMER	A switch that gives you the ability to brighten or dim the light level of an independent light source in a room.	Perfect for setting a mood in any room, they are an inexpensive way to save electricity. If you dim a bulb to 50% brightness, you use about 40% less electricity and extend the life of the bulb around 20 times.
SCENE CONTROL DIMMER	Control the intensity of light using a scene controller that allows for the creation and selection of preset lighting scenes throughout a room or group of rooms.	
OCCUPANCY SENSOR	Automatically turns a light on when someone enters a room and then off again when the room is unoccupied for a set period of time.	Ideal in basements, closets, garages, hallways, laundry rooms and any other place where you may forget to turn the lights off.
OUTDOOR MOTION SENSOR	Strategically placed outside your home, a motion sensor will turn on outdoor flood lights when motion is sensed.	Primarily used for security purposes, it will light exterior areas of your home such as a driveway or porch. It is another great energy efficient option.
TIMER	Wall-mounted timer activates lighting and other products at a pre-selected time and then shuts the power off when the time period has expired.	Great for controlling outdoor lights, bathroom exhaust fans and heat lamps, hot tubs and pool filters.

\* In some areas, Manual-ON occupancy sensors and other energy saving lighting controls are now mandated to save energy in new homes.