

## Surge Protection Solutions

ITW Linx offers a Lifetime Product and Connected Equipment Warranty on all SurgeGate products. Please visit us at [www.itwlinx.com](http://www.itwlinx.com) for up-to-date warranty information.



### CAUTION

- Do not install this device if there is not at least 10 meters (30 feet) or more of wire between the electrical outlet and the electrical service panel.
- Risk of Electric Shock. Do not plug into another relocatable power tap.
- Do not use any other "power-strips".
- Do not use 2-prong adapters with this product.
- To reduce the risk of electrical shock, use only indoors. No user serviceable parts inside. Return to ITW Linx if service is required.

*"This device features an internal protection that will disconnect the surge protective component at the end of its useful life but will maintain power to the load - now unprotected. If this situation is the end of its useful life but will maintain power to the load - now unprotected. If this situation is undesirable for the application, follow the manufacturer's instructions for replacing the device."*

**Make sure you have the right ITW Linx product to protect your electronic equipment. ITW Linx makes protectors for virtually all types of electronic equipment. Protectors that may look identical from the outside can be very different on the inside. It is very important that you use the surge protector designed for your application.**

#### Features:

- AC protection for telecom systems
- Brighter / wide angle LED's
- Expandable protection using SurgeGate Modules
- Diagnostic indicator lights (three)
- Eight foot power cord with right angle plug
- SurgeGate Plus Circuitry
- Illuminated ground indicator
- Four switched AC power outlets
- Increased EMI/RFI noise filtration
- Mounting brackets included

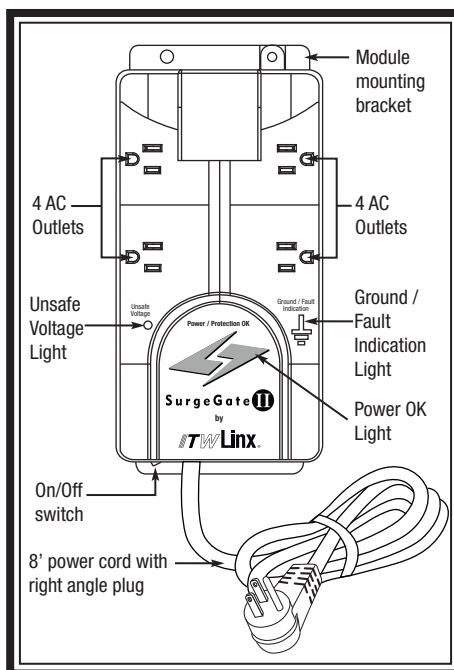
### IMPORTANT SAFETY POINTS

ITW Linx surge protectors and the connected equipment must be indoors and in a dry location and in the same building. Although your ITW Linx protector is very durable, its internal components are not isolated from the environment. Do not install any ITW Linx product near any heat emitting appliances such as a radiator or heat register. Do not install this product where excessive moisture is present; for example near a bathtub, sink, pool, basement floor, fish tank, etc.

It is not unusual for a building to be improperly grounded. In order to protect your equipment, ITW Linx products must be plugged into a properly grounded 3-wire outlet. Additionally, building wiring and grounding must conform to applicable NEC (USA) or CEC (Canada) codes.

This Device features an internal protection that will disconnect the surge protective component at the end of its useful life but will maintain power to the load now unprotected. If this situation is undesirable for the application, follow the manufacturer's instructions for replacing the device.

### IMPORTANT SAFETY POINTS



1. Turn OFF the power to all equipment that will be plugged into the unit.
2. Make sure the on/off switch is in the off position (see figure), plug the unit into the wall outlet, and then turn it on.
3. Once proper AC wiring and grounding has been established verify that the ground fault light is green, then plug the equipment to be protected into the AC outlets on the unit.
4. Plug the protector in and turn it on.
5. One at a time, turn each piece of connected equipment ON and check for power and correct operation.
6. Turn OFF the unit before installing any SurgeGate modules.

The SurgeGate II series has been designed with flexibility and expansion in mind. Additional signal line protection can easily be added with SurgeGate protection modules.

The M4KSU - SurgeGate II is equipped with 4 AC outlets controlled by a master switch. This model also features SurgeGate Plus™ circuitry for over and under-voltage protection. This circuitry protects against brownouts (under-voltages) and/or prolonged over-voltages by automatically disconnecting the power to your equipment, then reconnecting it when the power has returned to a safe level. This special circuitry acts as a gate to prevent unsafe voltages from damaging your equipment.

In addition, all units have three diagnostic lights for maximum safety. They are designed as follows:

1. Ground OK—(green) normally ON—indicates that the wall outlet is properly grounded.  
Line Fault—(red) normally OFF—when lit, indicates that the wall outlet is improperly wired.
2. Power ON and Protection OK—(green) normally ON—indicates that the surge protector is functioning properly, power is on, and it is protecting all connected equipment.
3. Unsafe Voltage—(red) normally OFF—when lit, indicates that incoming voltages are unsafe and the surge protector has disconnected the power to protect your equipment.

If you have any questions about which product is best for your applications, please check our web site [www.surgegate.com](http://www.surgegate.com) or contact ITW Linx Customer Service Department at 1-800-336-LINX(5469).

#### Properly Connecting Your Surge Protector.

To completely protect your equipment from power surges, every wire leading into or out of the equipment you want to protect must be connected to the appropriate surge protector. Damaging lightning and power surges can enter your system through any AC power or signal line (phone lines, grounding wires, coaxial cables, modem cables, etc.) connected to your electrical equipment. The surge protector must also be plugged into a properly wired and grounded outlet.