TELECOM SURGE PROTECTOR


THSATEL410

- Protects up to four 2-wire lines or two 4-wire lines against damaging power surges
- Suitable for telephone, modem, fax and Internet lines
- Ideal for protecting all kinds of high-speed digital lines, including ISDN, xDSL and 10baseT
- Delivers better surge protection than primary telco protectors
- Self-restoring PolySwitch interrupts AC fault currents

Specifications:
Meets the T1 pulse mask specified by ANSI T1.403
DC breakdown voltage: 350V
Capacitance: <10pF

COAXIAL CABLE SURGE PROTECTOR

For cable TV, broadband, cable modem & satellite TV


THSACOAX

- Delivers primary surge protection for one coaxial line by passing bi-directional signals over the bandwidth from DC to in excess of 1 GHz
- Protects equipment and personnel from destructive power crosses and lightning surges
- Suitable for use with both analog and digital systems
- Use with 75 ohm powered and unpowered coaxial cable

Specifications:
F-type female connectors
Includes 12" RG59 22AWG coaxial cable with 2 male and 1 female connector
DC breakdown voltage: 150V
Capacitance: <10pF

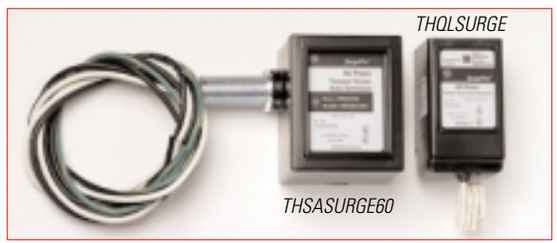
Note: All SurgePro devices require a connection to service ground. A properly grounded system, often using the water pipe or a ground rod, is required for maximum protection. In an older home, a review by an electrical professional may be recommended.

AC POWER SURGE PROTECTORS

THQLSURGE

- Plug-in design installs like a two-pole circuit breaker in your GE load center (the best location for protecting all AC circuits in your home)
- Meets newest UL 1449 transient voltage surge suppressor requirements
- 3-year warranty on up to $25,000 of connected equipment

Specifications:
120/240Vac, 1-phase 3-wire
Maximum surge current: 27,000 amps per phase
Response time: Less than 1 nanosecond
Status Indicator: LED
Clamping voltage: 500V
Protection modes: L1-N, L2-N, L1-L2


THQLSURGE
THSASURGE60

THSASURGE60

- Installs at the service entrance to any brand of load center
- Meets newest UL 1449 surge protection requirements
- 5-year warranty on up to $50,000 of connected equipment

Specifications:
120/240Vac, 1-phase 3-wire + ground
Connects to a 15A (minimum) 2-pole circuit breaker
Maximum surge current: 60,000 amps per phase
Response Time: Less than 1 nanosecond
Status Indicator: LED
Clamping voltage: 400V
Protection modes: L-N, L-G, N-G, L-L

GE Industrial Systems

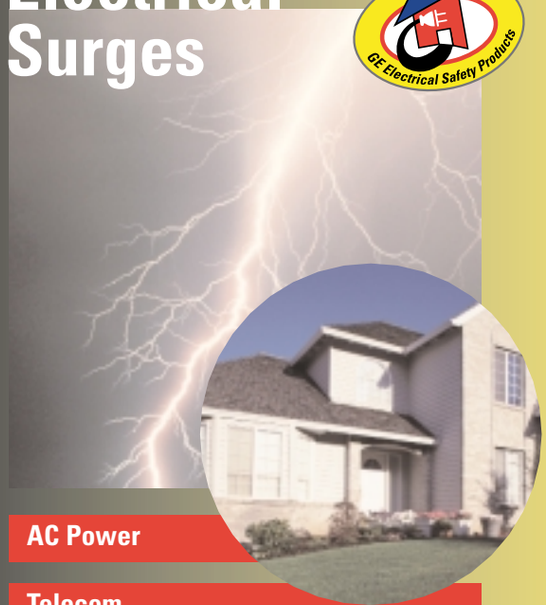
General Electric Company
41 Woodford Avenue,
Plainville, CT 06062
www.GEindustrial.com

DEA-202A 0501 BL

GE Industrial Systems

Electrical Surges

GE Electrical Safety Products



AC Power

Telecom

Coaxial Cable

SURGE PROTECTION FOR YOUR WHOLE HOUSE

A guide for contractors and homeowners

WHAT ARE ELECTRICAL SURGES?

Surges and transients are momentary spikes in electrical voltage. These surges or transients can enter a home through the incoming electrical line, telephone line, and even the cable TV or internet line.

WHERE DO THEY COME FROM?

At one extreme, a surge can be generated by a nearby lightning strike. At the other, transients can come from the motors in your electrical appliances when they turn on and off during everday operation. Harmful surges also are produced by electric utility power switching designed to meet changing energy demands.

WHAT CAN THEY DO?

While a lightning strike can cause immediate and severe damage, low level surges will, over time, degrade electronic components and shorten the life of computers, home entertainment systems, telecommunications devices and, increasingly, even kitchen and laundry appliances.

WHAT CAN YOU DO?

You can protect the investment in all of your electronic devices with the SurgePro family of surge protectors. While surge strips protect one electronic device, SurgePro can protect all the connections in a home. When whole-home devices are used in combination with surge strips, highly sensitive devices receive maximum protection.

HOW DO SURGEPRO SURGE PROTECTORS WORK?

Once in place – connected to your load center, telephone service or cable service – SurgePro metal oxide varistors (MOVs) redirect surges to ground and dissipate the energy. The MOVs are UL rated on response time (where lower clamping voltage is better) and surge rating (where the greater the surge current rating, the longer the surge protector will last).

WHAT SURGEPRO SURGE PROTECTOR IS RIGHT FOR ME?

All of them. Each focuses on a particular type of wiring: electrical, telephone or coaxial cable. There are two AC power surge protectors, allowing you protection regardless of the brand of load center in your home.

Note: While SurgePro surge protectors will protect against surges generated when lightning strikes nearby, no surge arrester can guard against a direct hit. The energy is too great.

SURGEPRO SURGE PROTECTORS PROTECT THE WHOLE HOUSE