SURGE PROTECTIVE DEVICES
Protecting Your Business from Downtime and Data Loss

Surges can occur in any facility and according to the National Electrical Manufacturers Association, 80% of all surges originate inside facilities.

THE NATIONAL ELECTRICAL CODE REQUIRES SURGE PROTECTION IN:

- Emergency Systems
- Elevators & Escalators
- Wind Electric Systems
- Industrial Machinery
- Fire Pump Controllers

TYPE OF SURGE PROTECTION
Use Type 1, 2, and 3 SPDs for the best level of protection.

Type 1
Permanently connected Surge Protective Device. Protects against external and internal surges. May be installed inside or outside the facility.

Type 2
Permanently connected Surge Protective Device installed in, or next to, main panel. Protects against internal and external surges.

Type 3
Point of use Surge Protective Device. Provides limited protection to devices plugged directly to SPD.

Extra Protection

SURGE PROTECTIVE DEVICES PROTECT AGAINST:

- Equipment Damage
- Equipment Downtime
- Lost Revenue
- Productivity Loss

The following can be damaged by surge and should have a level of surge protection to prevent damage, downtime, and lost revenue.

COMMERCIAL
- Lighting Circuits
- Backup Power
- Metering
- HVAC Equipment
- Medical Equipment
- Critical Loads

INDUSTRIAL
- Power Distribution
- Uninterruptible Power Supply
- Control Cabinets
- Electronic Motor Controllers
- HVAC Equipment
- Programmable Logic Controllers

Please share this free resource to save lives

ESF.org www.facebook.com/ESFI.org  www.twitter.com/ESFDotorg  www.youtube.com/ESFDotorg