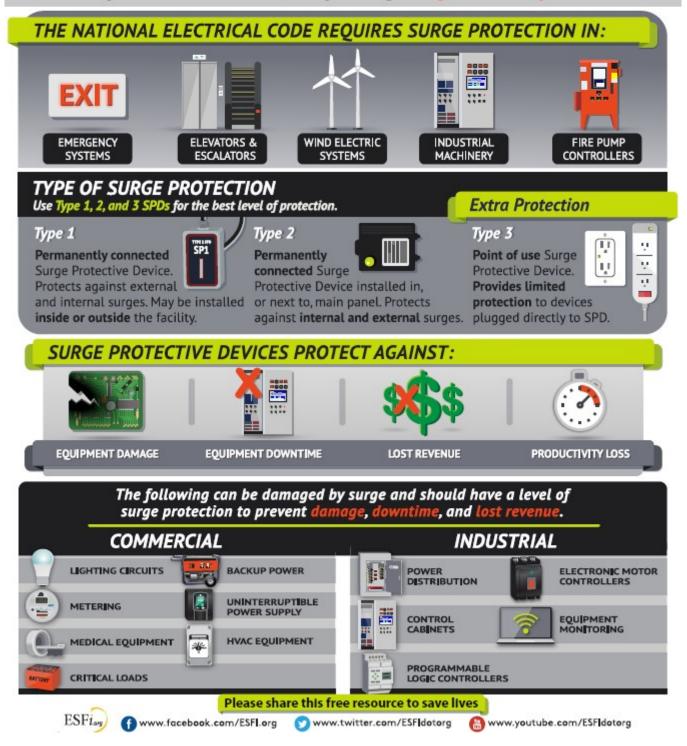
Commercial and Industrial Surge Protective Devices Infographic



SURGE PROTECTIVE DEVICES

Protecting Your Business from Downtime and Data Loss

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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

• Extra Protection

Type 3

Point-of-use Surge Protective Device. Provides limited protection to devices directly plugged into SPD.

Surge Protective Devices Protect Against:

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

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

Commercial:

- Lighting Circuits
- Metering
- Medical Equipment
- Critical Loads
- Backup Power
- Uninterruptable Power Supply
- HVAC Equipment

Industrial:

- Power Distribution
- Control Cabinets
- Programmable Logic Controllers
- Electronic Motor Controllers
- Equipment Monitoring

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