

Medical equipment is impacted by literally millions of transients during its operating life causing damage, degradation, and excessive maintenance costs. Not only are there higher than necessary medical equipment maintenance expenses, but this can directly effect the quality of patient care. Transient

Protection Design offers power and data surge protection products to protect and maintain peak performance of all equipment in these facilities including imaging & monitoring equipment, lighting

Reduce Downtime
Reduce Maintenance Costs
Extend Equipment Life
Quick Payback
Huge Life Cycle Savings

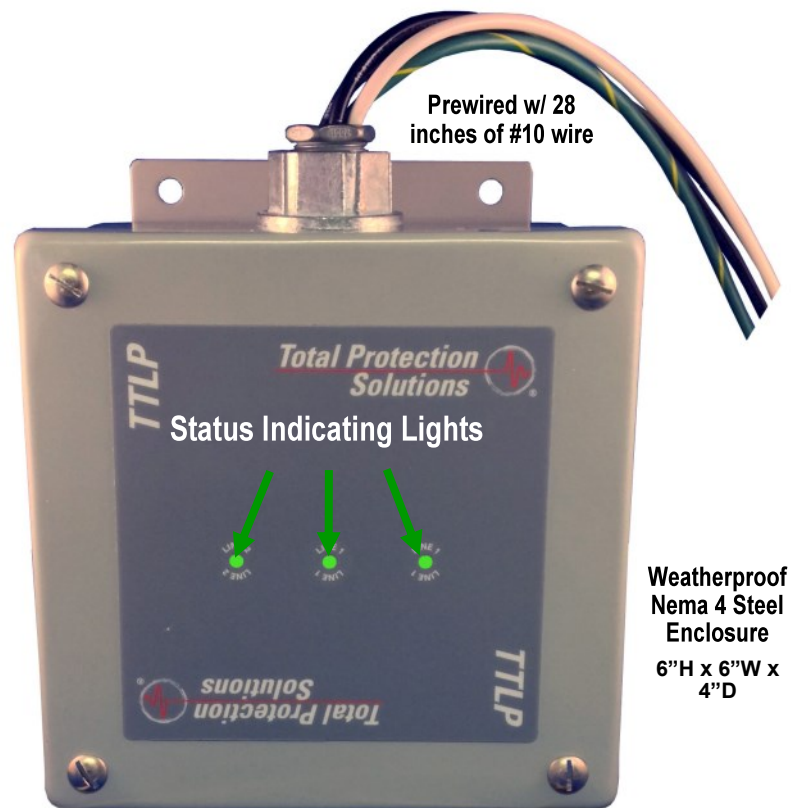
Surge Suppression Lightning Protection

Model #	Voltage Description
TK-TTLP-1S240-FL	120/240VAC, 3W+G
TK-TTLP-3Y208-FL	120/208VAC Three Phase 4W+G
TK-TTLP-3Y480-FL	277/480VAC Three Phase 4W+G
TK-ST160-480NN-FL	480VAC, 3W+G

*International & Other Voltage Configurations Available

UL 1449 Type 1 SPD
ETF Technology (Enhanced Transient Filter)
UL 1283 EMI/RFI Listed Filter
Install on any size breaker or direct to bus
200 KAIC rated fusing
No over-current protection required
Manufactured by Total Protection Solutions
25 Year Warranty Including Lightning

SAVE MONEY!!
Eliminate Damage
Reduce Lockups & Glitches



Improve the power quality at the breaker panel for your sophisticated electronic loads. Rebooting, reprogramming and replacing processors, circuit boards and components can be a never-ending battle. Problems in the system are as simple as occasional glitches locking up or turning on and off equipment without user input to widespread damage during a severe lightning storm.

Microprocessors read

Information through current pulses as binary code (0s and 1s). As different pieces of equipment, appliances and components turn on and off, voltage and current pulses, known as transients, are generated. These pulses of energy can reach every piece of equipment in the system. The problems will vary depending upon the size and frequency of these pulses . **As**



Medical Centers — Doctor & Dentist Offices — Assisted Living

- Less Lockups
- Clearer Images
- Less Glitches
- Eliminate Lightning Damage
- Longer Life



Breaker Panels
Sub Panels
Service Entrance

Designed for electrical panels feeding:

Nuclear Medicine
Patient Scanning Equipment
HVAC
Operating Rooms
Lab Equipment
Lighting & Phone Systems
Nurse Call Stations

Security Systems
Elevators
Building Automation Systems
X-Ray & Ultrasound Equipment
Back-up Generators & ATS
Biomed Equipment

Improve the
Bottom Line

Easy Install
Retrofit or New
Construction

Reduce Electrical
Maintenance Budgets



Reduce Liability—Keep
Security Systems & Lights
Running Properly

Improve Patient
Scheduling by Keeping
Equipment Running