We have invested huge funds to create high quality and high tech education facilities. But, schools are under constant attack from transient surges bombarding the electrical system. Over 80% of electrical surge problems are due to transients occurring inside of the facility from daily operations, such as turning on and off facility equipment, all causing costly downtime, failure, and glitches. Transient Protection Design offers power and data surge protection products to protect and maintain peak performance of all facility electronics including lighting systems, elevators & their controls, phone systems, projection systems, copiers, computers, and HVAC components.

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

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-TT2-065-480NN-FL    480VAC, 3W+G

Manufactured by Total Protection Solutions
*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
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 wide spread 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 negatively affect every piece of equipment in the system. The problems will vary depending upon the size and frequency of these pulses. As microprocessors try to function, these transient pulses of energy will cause lock-ups where data can become lost or corrupted. Larger pulses will cause catastrophic failure while smaller pulses degrade the life and reliability of these systems and controls.
Surge and Lightning Protection

- Less Noise
- Longer Life
- Better Sound
- Less Lockups
- Clearer Images
- Less Glitches
- Eliminate Lightning Damage

Designed for electrical panels feeding:

- Security Systems
- Computers & Servers
- Phone System
- Data Lines
- Lighting Systems
- HVAC
- Kitchen Equipment
- Satellite & TV Coax
- Projectors
- Building Automation Systems

Easy Install
Retrofit or New Construction

Improve the Bottom Line
Reduce Electrical Maintenance Budgets

Extend Life of All Equipment, Including Bulbs & Ballasts

Prevent Catastrophic Losses Due to Lightning Strikes

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