

Houses of worship spend millions of dollars each year due to lightning and surge damage to their electronic systems. Downtime, failure, and glitches in any of these electronic systems can cause financial loss for the organization. Transient Protection Design offers power and data surge protection products to protect and maintain peak performance of all church electronics including church lighting systems, organs, mixing consoles, amplifiers, video projectors, elevators, phone systems, security systems, kitchen appliances, and computers. TPD will also protect the heating and air conditioning systems.

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

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

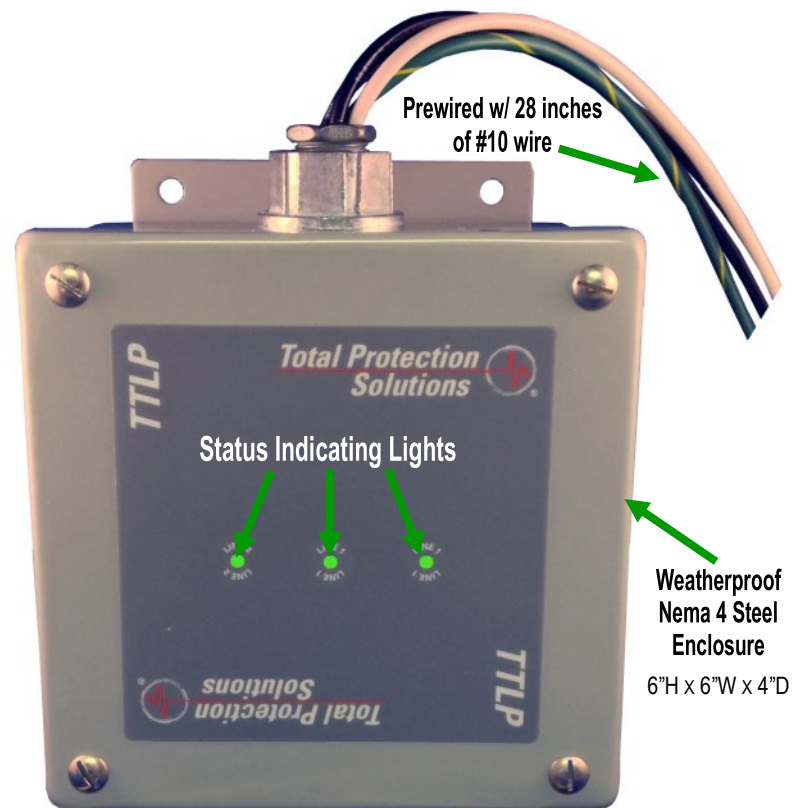
200 KAIC rated fusing

No over-current protection required

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 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.

www.TPDsurge.com



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



Designed for electrical panels feeding:

Sound System
Projectors
Stage Lighting
Lighting Systems

Organs
Lighting
Heating/Cooling

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