

Total Protection Solutions Commercial Grade Power Filter absorbs, dissipates and removes harmful transient voltages and noise traveling on AC & DC power circuits at the breaker panel reducing lockups, glitches, reprogramming issues & damage.

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 are distributed throughout 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.**

Designed for electrical panels feeding automation, lighting control and network systems such as:

- Savant
- Vantage
- Control 4
- AMX
- Lutron
- Pakedge
- Crestron
- Elan
- LiteTouch
- Pulseworks

FEATURES:

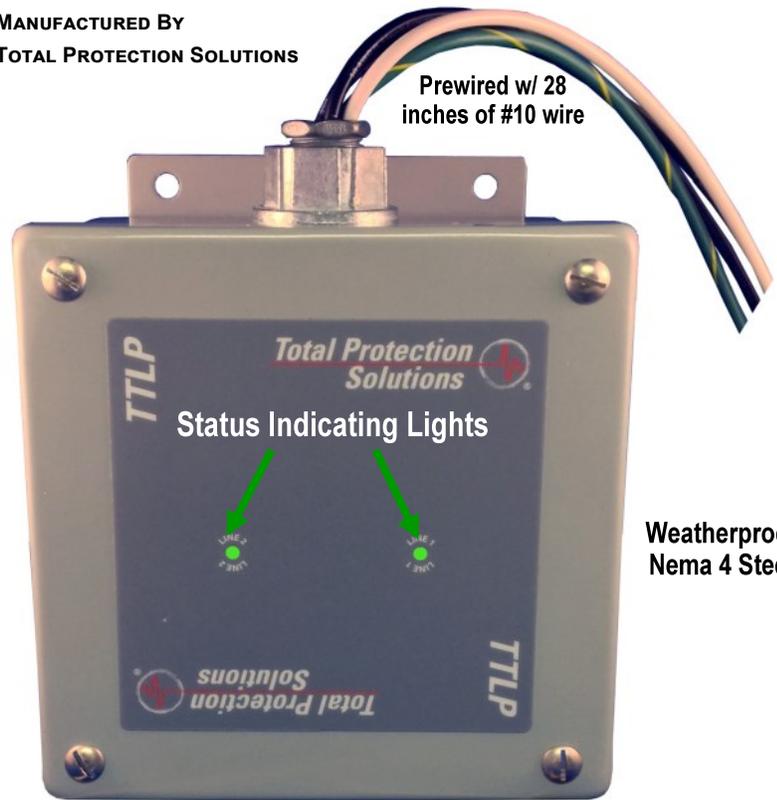
- UL 1449 Type 1 SPD
- Enhanced UL 1283 EMI/RFI Listed Filter
- Install on any size breaker or direct to bus
- 200 KAIC rated fusing
- No over-current protection required

**EMI/RFI FILTER ATTENUATION
MIL STANDARD 220B**

Max attenuation 41dB @ 106kHz

**LIFETIME RESIDNETIAL WARRANTY
25 YEAR COMMERICAL WARRANTY**

MANUFACTURED BY
TOTAL PROTECTION SOLUTIONS



TTLP FILTER & SURGE VOLTAGES

Model #	Voltage Description	Strength Per Phase	Strength Per System	Enclosure	Measured Limited Voltage			ENCLOSURE SIZES:
					MLV (2kV, 67A)	MLV (6kV, 3kA)	MLV (20kV, 10kA)	
*TK-TTLP-1S240-FL	120/240VAC, 3W+G	100kA	150kA	A	36V	590V	970V	ENCLOSURE A- 6"H x 6"W x 4"D
TK-TTLP-3Y208-FL	120/208VAC Three Phase 4W+G	100kA	150kA	A	36V	590V	970V	
TK-TTLP-3Y480-FL	277/480VAC Three Phase 4W+G	100kA	150kA	A	42V	1440V	1660V	
TK-TTLP-3D240-FL	120/240VAC Delta High Leg 4W+G	100kA	150kA	A	36V	598V	960V	ENCLOSURE B- 8"H x 6"W x 6"D
TK-TTLP-1P120-FL	120VAC 2W+G (International)	100kA	150kA	A	42V	590V	970V	
TK-TTLP-1P240-FL	240VAC 2W+G (International)	100kA	150kA	A	42V	1038V	1660V	
TK-TTLP-3Y380-FL	220/380VAC Three Phase 4W+G	100kA	150kA	A	42V	1440V	1660V	
TK-TTLP-3Y600-FL	347/600VAC Three Phase 4W+G	100kA	150kA	A	58V	1191V	1722V	

Hospitality



Digital Signage



Worship



Breaker Panels
Sub Panels
Transfer Switches
Generator Panels
Service Entrance
Gates & Elevators
Lighting Panels
Home Automation

Less Noise

Faster Data

Longer Life

Better Sound

Added Safety

Easy Install
Retrofit or New
Construction



Medical/Healthcare/FAA



Corporate Workspace



Custom Residential

