

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

Improve power quality 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 turned 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 individual circuits feeding electronic and control systems such as:

- PLC • HVAC • Pumps • Gates • Fountains
- Dimming Modules • Landscape Lighting
- Lutron • Crestron • Vantage • LiteTouch

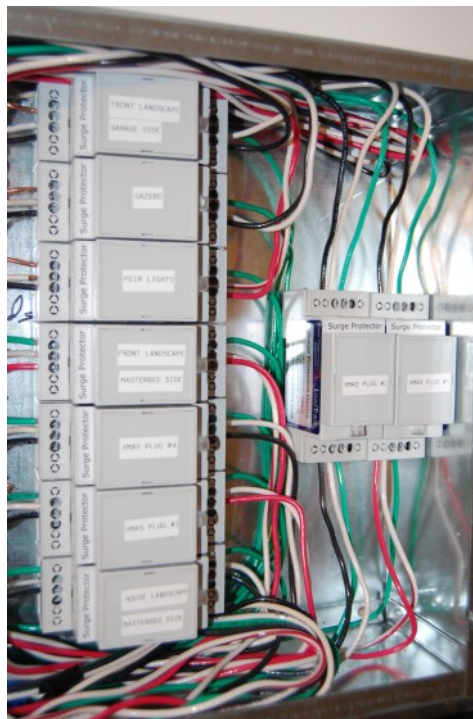
FEATURES:

- UL 1449 Type 3 SPD
- UL 1283 EMI/RFI Listed Filter
- Discrete All Mode Protection
- Enhanced Transient Filter
- Less than 1 nanosecond response

EMI/RFI ATTENUATION

100kHz..... 29dB
1MHz..... 32dB

15 YEAR UNLIMITED WARRANTY INCLUDING LIGHTNING



Power units are to be installed inside an enclosure.

Status Indicating Light



MOUNTING & ENCLOSURE DIMENSIONS

Din Rail or Screw Down Mountable



← Tabs slide out for screw down mounting.

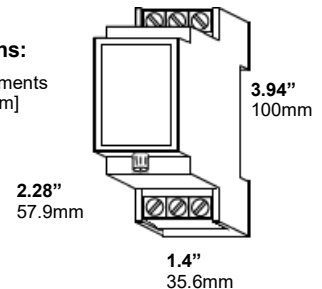
MANUFACTURED BY TOTAL PROTECTION SOLUTIONS

LT FILTER & SURGE VOLTAGES

Model #	Voltage Description	Strength Per Phase	Strength Per System	Measured Limited Voltage L-N		
				*MLV (2kV, 67A)	*MLV (6kV, 200A)	MLV (6kV, 3kA)
TK-LT24-15A-DIN2	24VAC, 2W+G, 15 Amp Max	20kA	30kA	44V	83V	152V
TK-LT24-20A-DIN2	24VAC, 2W+G, 15 Amp Max	20kA	30kA	44V	83V	152V
TK-LT120-15A-DIN2	120VAC, 2W+G, 15 Amp Max	20kA	30kA	47V	127V	438V
TK-LT120-20A-DIN2	120VAC, 2W+G, 20 Amp Max	20kA	30kA	47V	127V	438V
TK-LT120-30A-DIN2	120VAC, 2W+G, 20 Amp Max	20kA	30kA	47V	127V	438V
TK-LT250-15A-DIN2	240VAC, 2W+G, 15 Amp Max	20kA	30kA	49V	130V	851V
TK-LT250-20A-DIN2	240VAC, 2W+G, 20 Amp Max	20kA	30kA	49V	130V	851V
TK-LT250-30A-DIN2	240VAC, 2W+G, 30 Amp Max	20kA	30kA	49V	130V	851V

Dimensions:

All measurements in inches [mm]



*MLV Test performed at the 180° Phase Angle