

480V Surge Suppressor & 120V Power Filter

CNC

Total Protection Solutions surge suppression with enhanced transient filtering dissipates and removes harmful transient voltages and noise traveling on AC power circuits. The suppression addresses large impulses like lightning and power company surges, and the enhanced transient filter removes ringwave transients and EMI/RFI interference from the system.

Improve the power quality by protecting the incoming power to the machine tool by installing the three phase TPS suppression filter unit at each machine. Further improve the power quality by installing a small series wired suppression filter unit on the circuit feeding the low voltage controls. Save downtime and repair costs by reducing rebooting, reprogramming, and replacement of circuit boards and components. Save money by reducing the amount of scrapped material caused by unplanned machine shut downs. Quality suppression and filtering will improve power quality, improve overall efficiency, improve on time deliveries, and improve the bottom line.

Designed for 240, 480 & 600 volt panels feeding CNC equipment:

| Model # | Voltage Description |
|-----------------|------------------------|
| TK-TT2-240NN-FL | 240VAC No Neutral 3W+G |
| TK-TT2-480NN-FL | 480VAC No Neutral 3W+G |
| TK-TT2-600NN-FL | 600VAC No Neutral 3W+G |

Manufactured by Total Protection Solutions
Other voltages available

- UL 1449 Type 1 SPD
- Enhanced Transient Filter
- UL 1283 EMI/RFI Listed Filter
- Install on any size breaker or direct to bus
- 200 KAIC rated component level fusing
- No over-current protection required
- 25 Year Warranty Including Lightning

Reduce Product Loss
Eliminate Unscheduled Shutdowns
SAVE MONEY!!



Designed for 120 and 24 volt control circuits:

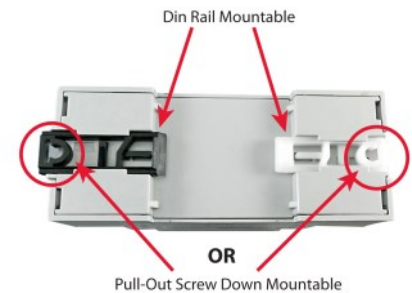
| Model # | Voltage Description |
|--------------------|---------------------|
| *TK-LT120-15A-DIN2 | 120V, 2W+G, Max 15A |
| TPD-DM24-15A-DIN2 | 24V, 2W+G, Max 15A |

* Manufactured by Total Protection Solutions

- UL 1449 Type 3 SPD
- Enhanced Transient Filter
- UL 1283 EMI/RFI Listed Filter
- 15 Year Warranty Including Lightning

Reduce Lockups
Reduce Glitches
SAVE MONEY!!

Status Indicating Light



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www.TransientProtectionDesign.com



Surge Suppression Lightning Protection



**Easy Install
For New & Used
Machines**

**Reduce Downtime
Reduce Product Loss
Reduce Maintenance Costs
Quick Payback
Huge Life Cycle Savings**