

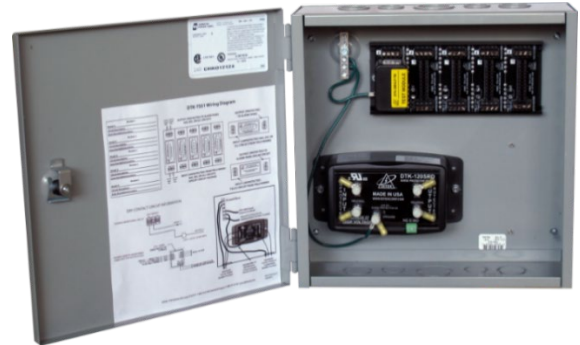


DTK-TSS1

Total Surge Solution for Fire Alarm Systems

DITEK's DTK-TSS1 provides total surge protection solutions for addressable and conventional alarm systems.

The DTK-TSS1 protects 120V system power and up to ten pairs of SLC, IDC/PIV, NAC or dialer circuits. The TSS1 is equipped with a DTK-120SRD 120VAC Surge Protective Device and a prewired DTK-5MB mounting base. Adding DTK-2MHLP/2MHTP modules for data/signal and dialer circuit protection provides a complete solution for your fire alarm system.



Product Features

- 120VAC power Surge Protective Device with Form C dry contacts for remote monitoring of surge protection status
- Hard-wired base for 2MHLP/2MHTP modules, protects up to ten SLC, NAC, IDC, PIV and dialer circuit pairs (must be ordered separately)
- Space for expansion, protect up to 8 additional data/signal pairs by adding a DTK-4MB base
- Complete protection, simple installation, high quality, and field-replaceable modules make the TSS1 a perfect fit for alarm systems or control panels

Applications

- Fire Alarm Control Panels
- 120VAC Single Phase Critical Loads and NAC, IDC, PIV and SLC Circuits
- UL Listed Control Panels where UL Recognized Components are Required

Example to protect 120V system power, eight 24V data/signal pairs and two telco pairs:

- 1 x DTK-TSS1 (DTK-120SRD & DTK-5MB in a steel enclosure)
- 4 x DTK-2MHLP24B (protects 8-data/signal pairs)
- 1 x DTK-2MHTP (protects 2-telco pairs)

Technical Specifications

Equipped with:

DTK-120SRD:	120VAC Surge Protective Device See DTK-120SRD data sheet
DTK-5MB:	Multi-base system, 10 circuit pairs See DTK-2MHLP data sheet
DTK-2MHLP2M:	Test module for 2MHLP circuit
100-640:	Ground bar kit for grounding See 100-640 data sheet

Mechanical Specifications

Enclosure:	NEMA 1, 12 Steel Enclosure (IP20) with latching cover UL Listed Industrial Control Panel
Operating Temperature:	-40°F - 175°F (-40°C - 80°C)
Maximum Humidity:	95% non-condensing
Dimensions:	12" L x 4" W x 12" H (305 mm x 102 mm x 305 mm)
Weight:	11 lb (5 kg)

Quality Standards & Approvals

Certifications:	UL1449, UL1283 for DTK-120SRD UL497B for DTK-2MHLP UL497A for DTK-2MHTP
Standards Compliance:	IEEE C62.41.1 -2 and C62.45
Warranty:	10 Year Limited Warranty

