



DTK-TSS2

Total Surge Solution for Fire Alarm Systems

DITEK's DTK-TSS2 provides total surge protection solutions for addressable and conventional alarm systems.

The DTK-TSS2 protects 120V system power and up to four pairs of SLC, IDC/PIV, NAC or dialer circuits. The TSS2 is equipped with a DTK-120SRD 120VAC Surge Protective Device and a prewired DTK-2MB 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 4 SLC, NAC, IDC, PIV and dialer circuit pairs (must be ordered separately)
- Complete protection, simple installation, high quality, and field-replaceable modules make the TSS2 a perfect fit for alarm systems or control panels

Applications

- Fire Alarm Panels
- Control Panels
- UL Listed Control Panels where UL Recognized Components are Required

Accessories

- Test Module Kit, p/n DTK-2MHLPTM

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

- 1 x DTK-TSS2 (DTK-120SRD, DTK-2MB in a Polycarbonate NEMA 4X)
- 1 x DTK-2MHLP24B (protects 2-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-2MB:	Multi-base system, 4 circuit pairs See DTK-2MHLP data sheet
100-640:	Ground bar kit for grounding See 100-640 data sheet

Mechanical Specifications

Enclosure:	Polycarbonate NEMA 4X (IP66) UL Listed Industrial Control Panel UL94 Flammability Rating
Operating Temperature:	-40°F - 175°F (-40°C - 80°C)
Maximum Humidity:	95% non-condensing
Dimensions:	7.26" L x 3.74" W x 10.43" H (184 mm x 95 mm x 265 mm)
Weight:	5 lb (2.5 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

