

***54kA Series Connected Surge Protector  
General Product Specifications***

DITEK's Total Surge Solution (TSS) is a range of products that provide total surge protection for addressable and conventional alarm systems.

The TSS4 protects 120V system power on electrical circuits and control panels. Its hybrid design provides maximum critical load protection with EMI/RFI filtering; and the NEMA 4X enclosure makes the TSS4 ideal for harsh environments such as outdoor locations, chemical plants, and water treatment facilities.

**DTK-TSS4****Product Features**

- NEMA 4X weatherproof enclosure
- Multi-stage hybrid circuit design
- UL1283 EMI/RFI filtering
- Series connected device
- LED indicates protection status
- UL1449 3<sup>rd</sup> Edition Listed
- Ten Year Limited Warranty

**Specifications**

**Agency Approvals:** UL1449 3<sup>rd</sup> Edition, cUL, UL1283

**Protector Type:** Type 2 SPD

**Nominal Discharge Current Rating (In):** 3kA

**SCCR:** 10kA

**Operating Voltage:** 110VAC - 120VAC

**MCOV:** 150VAC

**Peak Surge Current:** 54,000 Amps

**Maximum Continuous Current:** 20A

**EMI/RFI Attenuation:** Up to 35dB, 100kHz-100MHz

**Protection Modes:** All modes (L-N, L-G, N-G)

**Voltage Protection Rating:** 600V

**Temperature Range:** 32°F – 104°F (0°C - 40°C)

**Dimensions:** 9.50" x 6.25" x 3.63"

(241 mm x 159 mm x 92 mm)

**Weight:** 1.85 lb

**Housing:** Polycarbonate