# DTK-TSS4D

120Vac Surge Protective Device

**DITEK's DTK-TSS4D** protects dedicated 120Vac power protection for circuits that feed control panels and other critical equipment. It includes dry contacts for remote notification of surge protection status and EMI/RFI filtering to ensure clean power for connected equipment.




## PRODUCT FEATURES

- 120Vac power surge protection
- Form C dry contacts for remote monitoring of surge protection status
- Diagnostic LED provides positive indication of system power and SPD function
- NEMA 4X polycarbonate enclosure for outdoor installations

## APPLICATIONS

- Fire Alarm Control Panels
- Industrial Control Panels

| TECHNICAL SPECIFICATIONS | |
|---|---|
| Service Voltage: | 120Vac Single Φ |
| MCOV: | 150V |
| Max. Continuous Current: | 20 amps |
| Surge Current Rating: | 50,000A |
| Nominal Discharge Current Rating ($I_n$): | 10kA |
| Short Circuit Current Rating (SCCR): | 10,000A |
| Voltage Protection Rating (VPR): | 600V Line-Ground 1000V Neutral-Ground<br>600V Line-Neutral |
| EMI/RFI Filtering Attenuation: | Up to -35dB, 100kHz – 100MHz |
| Status Indication: | LED, Form C dry contacts |

**DITEK Surge Protection, Largo, FL 33771 • Sales: 800-753-2345**
**Diteksurgeprotection.com • SPS-100007-006 Rev 8 05/26**

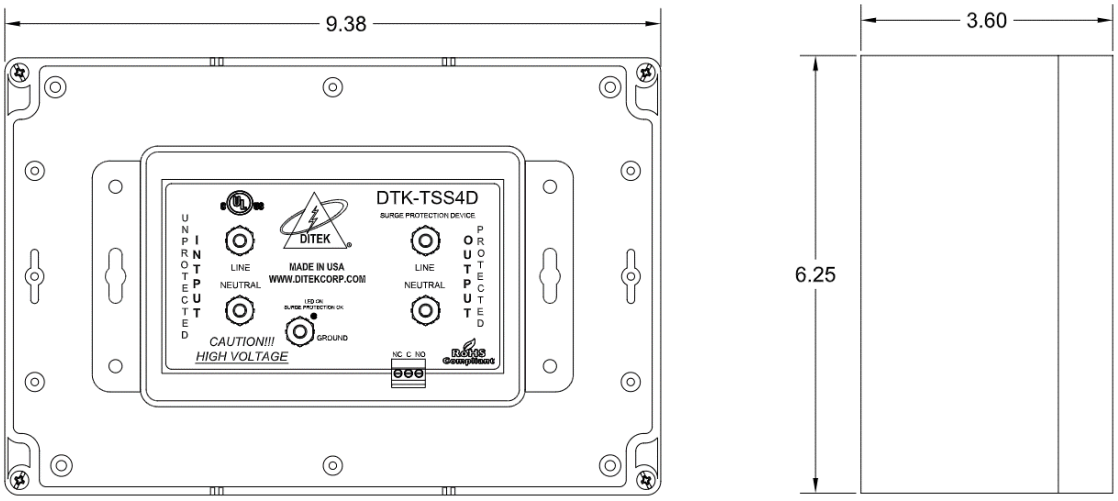
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MADE IN USA

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120Vac Surge Protective Device




| MECHANICAL SPECIFICATIONS | |
|---|---|
| Connection Method: | Mechanical studs 12 AWG |
| Housing: | NEMA 4X polycarbonate |
| Operating Temperature: | 32°F – 104°F (0°C – 40°C) |
| Maximum Humidity: | 95% non-condensing |
| Dimensions: | 9.38 in. L x 6.25 in. W x 3.6 in. H<br>(238 mm x 159 mm x 91 mm) |
| Weight: | 2.2 lbs. (1.0kg) |

| SAFETY STANDARDS AND CERTIFICATIONS | |
|---|---|
| Certifications: | UL 1449 4th Edition Type 2 SPD<br>CSA C22.2 No. 269.2-17, 2017-02 Type 2 SPD<br>UL 1283 |
| Standards Compliance: | RoHS |
| Warranty: | 10 Year Limited Warranty |

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