

DTK-TSS4D

Series Connected Surge Protector



Product Features

- Series design for fast response and best protection
- Multi-stage hybrid circuit design
- UL1283 EMI/RFI filtering
- LED indicates protection status
- Form C Dry Contact circuit
- UL Listed NEMA 4X enclosure

Applications

- Fire Alarm Panels
- Control Panels
- 120VAC Single Phase Critical Loads
- Applications where a UL Listed SPD is required

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

The DTK-TSS4D protects dedicated 120VAC power 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.

Technical Specifications

Service Voltage:	120VAC
MCOV:	150VAC
Protection Modes:	All modes (L-G, L-N, N-G)
Voltage Protection Rating:	600VAC
Surge Current Rating:	54,000 Amps
Max. Continuous Current:	20 Amps
SCCR:	10kA
Nominal Discharge Current Rating:	3kA
EMI/RFI Filtering Attenuation:	Up to 35dB, 100kHz -100MHz

Mechanical Characteristics

Connection Method:	Hardwired, series configuration
Housing:	Polycarbonate NEMA 4X (IP66) UL94 Flammability Rating
Operating Temperature:	-40°F - 185°F (-40°C - 85°C)
Maximum Humidity:	95% non-condensing
Dimensions:	9.5"L x 6.25"W x 3.63"H (241mm x 159mm x 92mm)
Weight:	1.8lb (0.45kg)

Quality, Standards & Approval

Agency Approvals:	UL1449, cUL, UL1283
SPD Type:	Type 2 SPD
Standards Compliance:	IEEE C62.41.1 -2, IEEE C62.45
Warranty:	Ten Year Limited Warranty

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