



DTK-TSS4D

54kA Series Connected Surge Protector with Dry Contacts 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 DTK-TSS4D protects 120V power on electrical circuits and control panels, and has Dry Contacts for remote notification of surge protection status. Its hybrid design provides maximum critical load protection with EMI/RFI filtering; and the NEMA 4X enclosure protects against harsh environments such as outdoor locations, chemical plants, and water treatment facilities. The TSS4D is ideal for use when a UL Listed SPD is required.



DTK-TSS4D

Product Features

- NEMA 4X weatherproof enclosure
- Multi-stage hybrid circuit design
- UL1283 EMI/RFI filtering
- Series design for fast response and best protection
- Suitable for use on circuit breakers rated at 10kA AIC
- LED indicates protection status
- Form C Dry Contact circuit
- Ten Year Limited Warranty

Specifications

Agency Approvals: UL1449 3rd Edition, cUL, UL1283

Protector Type: Type 2 SPD

Nominal Discharge Current Rating (In): 3kA

SCCR: 10kA

Operating Voltage: 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