

DTK-120SRD

Series Connected Surge Protector with Dry Contacts



Product Features

- Series design for fast response and best protection
- Compact design fits in a variety of control panels
- Suitable for use on circuit breakers rated at 10kA AIC
- Multi-stage hybrid circuit design
- UL1283 EMI/RFI filtering
- LED indicates protection status
- Form C Dry Contact circuit

Application

- Fire Alarm Panels
- Control Panels
- 120VAC Single Phase Critical Loads
- UL Listed Control Panels where UL Recognized Components are Required

Accessories

- DIN Rail Mounting Kit – Part Number DTK-DRK

DITEK's DTK-120SRD protects dedicated 120VAC power circuits that feed control panels and other critical equipment. The hybrid series design provides maximum critical load protection, and includes dry contacts for remote notification of surge protection status. EMI/RFI filtering ensures clean power for connected equipment.

Technical Specifications

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|---|----------------------------|
| Service Voltage: | 120VAC Single Phase |
| MCOV: | 150VAC |
| Protection Modes: | All modes – L-G, L-N, N-G |
| Voltage Protection Rating: | 600VAC |
| Surge Current Rating: | 54,000 Amps per phase |
| Max. Continuous Current: | 20 Amps |
| SCCR: | 10kA |
| Nominal Discharge Current Rating (I_n): | 3kA |
| Operation Frequency: | 40Hz – 400Hz |
| EMI/RFI Filtering Attenuation: | Up to 35dB, 100kHz -100MHz |

Mechanical Characteristics

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|-------------------------------|---|
| Connection Method: | Hardwired, series configuration |
| Housing: | ABS |
| Operating Temperature: | -40°F - 185°F (-40°C - 85°C) |
| Maximum Humidity: | 95% non-condensing |
| Dimensions: | 6.87"L x 3.5W x 2.5"H (174050mm x 88.90mm x 63.50mm) |
| Weight: | 12.16 oz (0.35kg) |

Quality, Standards & Approval

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

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