



# DTK-120SRD

## Series Connected Surge Protective Device

DITEK's DTK-120SRD protects dedicated 120VAC power circuits that feed control panels and other critical equipment. The hybrid, series-wired 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.



### Product Features

- Series-wired design for fast response and best level of protection
- Compact design fits a variety of control panels
- Multi-stage hybrid circuit design
- UL1283 EMI/RFI filtering
- Diagnostic LED provides positive indication of system power and SPD function
- Form C dry contacts for remote monitoring

### Applications

- 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, p/n DTK-DRK

### Technical Specifications

<b>Voltage Configuration:</b>	120VAC Single $\Phi$ (2W + G)
<b>MCOV:</b>	150V
<b>Protection Modes:</b>	L-N, L-G, N-G
<b>Voltage Protection Rating:</b>	600V L-G, L-N 1000V N-G
<b>Surge Current Rating:</b>	50,000A
<b>Max Continuous Current:</b>	20A
<b>SCCR:</b>	10,000A
<b>Nominal Discharge Current Rating (<math>I_n</math>):</b>	10kA
<b>Operating Frequency:</b>	50/60Hz
<b>EMI/RFI Filtering Attenuation:</b>	Up to 35dB, 100kHz – 100MHz

### Mechanical Specifications

<b>Connection Method:</b>	Hardwired studs, series-wired
<b>Housing:</b>	ABS
<b>Operating Temperature:</b>	-32°F – 104°F (0°C – 40°C)
<b>Maximum Humidity:</b>	95% non-condensing
<b>Dimensions:</b>	6.87" L x 3.5" W x 2.5" H (174.5 mm x 89 mm x 63.5 mm)
<b>Weight:</b>	12.16 oz (0.35 kg)

### Quality Standards & Approvals

<b>Certifications:</b>	UL1449 4 <sup>th</sup> Edition, UL1283
<b>SPD Type:</b>	Type 2 Component Assembly
<b>Warranty:</b>	10 Year Limited Warranty

