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

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

Mechanical Specifications

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

Quality Standards & Approvals

Certifications:	UL1449 4th Edition, UL1283
SPD Type:	Type 2 Component Assembly
Warranty:	10 Year Limited Warranty