DTK-120SRD

50kA Surge Protective Device

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.



PRODUCT FEATURES

- Series-wired design for fast response and superior level of protection
- Form C dry contacts for remote notification of surge protection status
- Diagnostic LED provides positive indication of system power and SPD function
- UL 1449 Type 2CA
- UL 1283 EMI/RFI filtering

APPLICATIONS

- Fire Alarm Control Panels
- Gate Operators
- Industrial Control Panels

ACCESSORIES

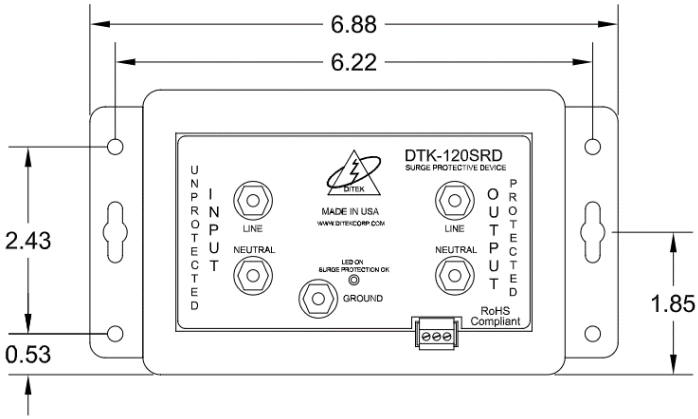
- DIN rail mount kit P/N DTK-DRK

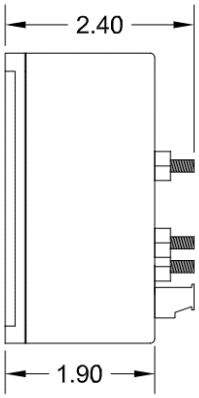
TECHNICAL SPECIFICATIONS	
Service Voltage:	120Vac Single Φ
MCOV:	150V
Max. Continuous Current:	20 amps
Surge Current Rating:	50,000A
Nominal Discharge Current Rating (I_n):	10kA
Short Circuit Current Rating (SCCR):	10,000A
Voltage Protection Rating (VPR):	600V Line-Ground 1000V Neutral-Ground 600V Line-Neutral
EMI/RFI Filtering Attenuation:	Up to -35dB, 100kHz – 100MHz
Operating Frequency:	50/60Hz
Status Indication:	LED, Form C dry contacts

Every precaution has been taken to ensure that this is accurate and complete. DITEK Corporation assumes no responsibility and disclaims all liability for damages resulting from the use of this information or for any errors or omissions.

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MECHANICAL SPECIFICATIONS	
Connection Method:	Mechanical studs, 12 AWG max ring terminals
Housing:	ABS
Operating Temperature:	-31°F – 104°F (-35°C – 40°C)
Maximum Humidity:	95% non-condensing
Dimensions:	6.88 in. L x 3.7 in. W x 1.9 in. H (175 mm x 94 mm x 48 mm)
Weight:	15.2 oz. (431g)

SAFETY STANDARDS AND CERTIFICATIONS	
Certifications:	UL 1449 5th Edition Type 2CA UL 1283 CSA C22.2 No. 269.4-17, 2017-03 Type 4-2 SPD
Standards Compliance:	RoHS
Warranty:	10 Year Limited Warranty

DITEK Surge Protection, Largo, FL 33771 • Sales: 800-753-2345
Diteksurgeprotection.com • SPS-100007-005 Rev 8 05/26

MADE IN USA

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