DTK-TSS2

Total Surge Solution for Fire Alarm Systems



DITEK's DTK-TSS2 provides a total surge protection solution for addressable and conventional alarm systems. It protects 120Vac system power and up to four (4) pairs of SLC, IDC/PIV, NAC or dialer circuits. The TSS1 is equipped with a DTK-120SRD 120Vac SPD and a pre-wired DTK-2MB mounting base. Adding DTK-2MHLP modules for data/signal and dialer circuit protection provides a complete solution for your fire alarm system.

PRODUCT FEATURES

- 120Vac power surge protection with Form C dry contacts for remote monitoring of surge protection status
- 2-position mounting base for 2MHLP modules to protect up to (4) SLC, NAC, IDC, PIV, network or dialer circuit pairs (2MHLP modules must be ordered separately)
- NEMA 4X polycarbonate enclosure for outdoor installations

APPLICATIONS

- Fire Alarm Control Panels

PRODUCT CONFIGURATION EXAMPLE

- DTK-TSS2
- DTK-2MHLP24F x 1 – protects (2) SLC circuits
- DTK-2MHLP130B x 1 – protects (2) telco lines

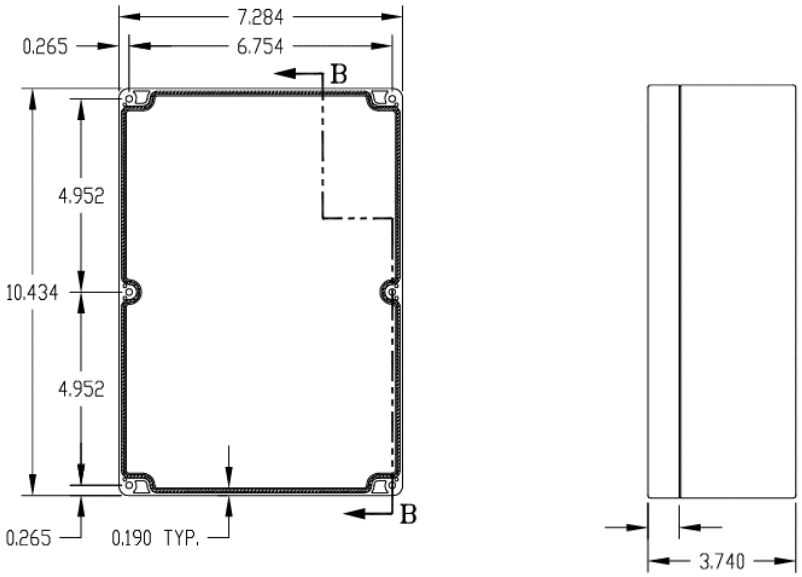
TECHNICAL SPECIFICATIONS	
Service Voltage:	120Vac Single Φ
MCOV:	150V
Max. Continuous Current:	20 amps
Surge Current Rating:	50,000A
Nominal Discharge Current Rating (I_n):	10kA
Short Circuit Current Rating (SCCR):	10,000A
Voltage Protection Rating (VPR):	600V Line-Ground 1000V Neutral-Ground 600V Line-Neutral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

DITEK Surge Protection, Largo, FL 33771 • Sales: 800-753-2345
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MECHANICAL SPECIFICATIONS	
Connection Method:	DTK-120SRD Mechanical studs 12 AWG DTK-2MB Terminal blocks 30-12 AWG
Housing:	NEMA 4X polycarbonate
Operating Temperature:	-40°F – 175°F (-40°C – 80°C)
Maximum Humidity:	95% non-condensing
Dimensions:	10.43 in. L x 7.28 in. W x 3.74 in. H (265 mm x 185 mm x 95 mm)
Weight:	2.9 lbs. (1.32kg)

SAFETY STANDARDS AND CERTIFICATIONS	
Certifications:	**DTK-120SRD** UL 1449 5th Edition Type 2CA CSA C22.2 No. 269.4-17, 2017-03 Type 4-2 SPD UL 1283 **DTK-2MHLP Series Modules** UL 497B
Standards Compliance:	RoHS
Warranty:	10 Year Limited Warranty

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