DTK-120X12

120Vac & Low Voltage Surge Protective Device



DITEK's Deflector Series DTK-120X12 sets a new standard for 120Vac power and low voltage surge protection. It will protect your system power and up to twelve (12) pairs of SLC, IDC/PIV, NAC, network or dialer circuits. This combo unit comes equipped with a DTK-DF120M, 120Vac, replaceable surge protection module and a 6-position mounting base for replaceable, low voltage surge modules. 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 audible alarm and Form C dry contacts for remote monitoring of surge protection status
- 6-position mounting base for 2MHLP modules protects up to (12) SLC, NAC, IDC, PIV, network or dialer circuit pairs (2MHLP modules must be ordered separately)
- Low voltage module cover ships blank to allow for application of installation company logo
- Audible alarm can be silenced via the included time delay switch (24 hours)

APPLICATIONS

- Fire Alarm Control Panels

ACCESORIES

- 120vac replacement module P/N DTK-DF120M
- DTK-2MHLPxxB (short to ground)
- DTK-2MHLPxxF (open circuit)
- DTK-2MHLP130B (telephone 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 1200V Neutral-Ground 700V Line-Neutral
EMI/RFI Filtering Attenuation:	Up to -35dB, 100kHz – 100MHz
Status Indication:	LEDs, Audible alarm with disable (80dB @ 1ft) Form C dry contacts

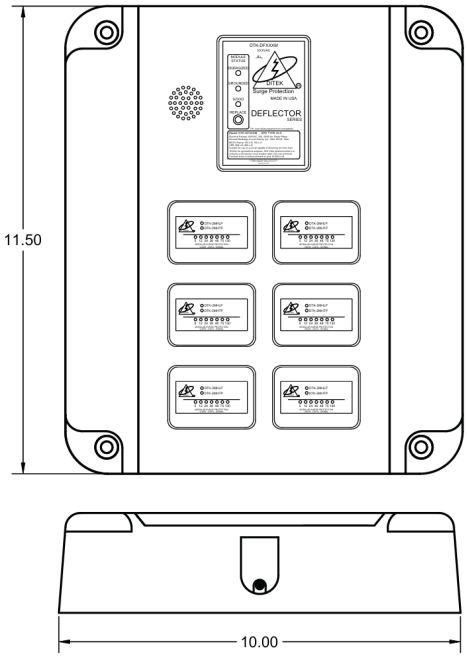
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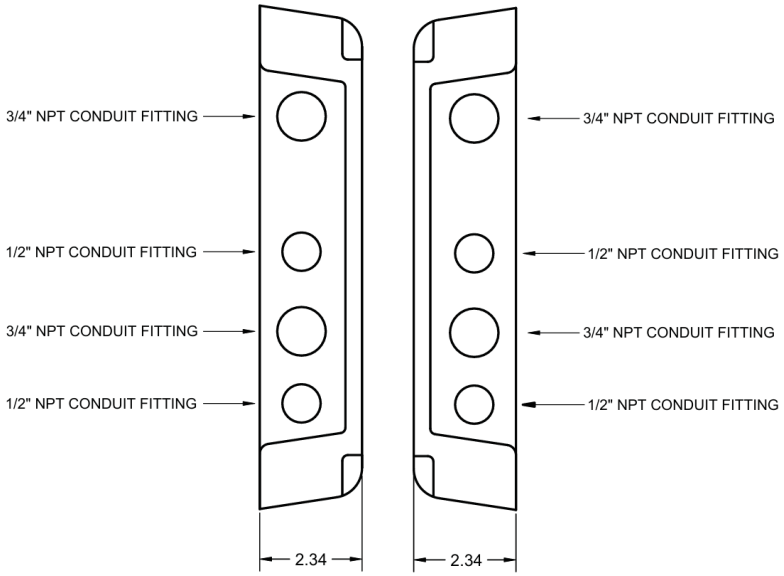
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MECHANICAL SPECIFICATIONS	
Connection Method:	Mechanical lugs 12 AWG (120vac power) Terminal blocks 30-12 AWG (Low voltage) Pre-drilled ¾" NPT holes (120vac power) Pre-drilled ½" and ¾" NPT holes (Low voltage)
Housing:	ABS
Operating Temperature:	-4°F – 140°F (-20°C – 60°C)
Maximum Humidity:	95% non-condensing
Dimensions:	11.5 in. L x 10 in. W x 2.34 in. H (292 mm x 254 mm x 59 mm)
Weight:	4.55 lbs. (2.06kg)

SAFETY STANDARDS AND CERTIFICATIONS	
Certifications:	UL 1449 5th Edition Type 2 SPD UL 1283 UL 497B CSA C22.2 No. 269.2-17, 2017-02 Type 2 SPD
Standards Compliance:	RoHS
Warranty:	10 Year Limited Warranty

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