DTK-240X12

240vac & Low Voltage Surge Protective Device



DITEK's Deflector Series DTK-240X12 sets a new standard for 240Vac 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-DF240M, 240vac, 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

- 240Vac 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

- 240vac replacement module P/N DTK-DF240M
- DTK-2MHLPxxB (short to ground)
- DTK-2MHLPxxF (open circuit)
- DTK-2MHLP130B (telephone lines)

TECHNICAL SPECIFICATIONS	
Service Voltage:	240Vac Single Φ
MCOV:	300V
Max. Continuous Current:	20 amps
Surge Current Rating:	50,000A
Nominal Discharge Current Rating (I_n):	5kA
Short Circuit Current Rating (SCCR):	10,000A
Voltage Protection Rating (VPR):	1200V Line-Ground 2500V Neutral-Ground 1200V Line-Neutral
EMI/RFI Filtering Attenuation:	Up to -35dB, 100kHz – 100MHz
Status Indication:	LEDs, Audible alarm with disable (80dB @ 1ft) Form C dry contacts

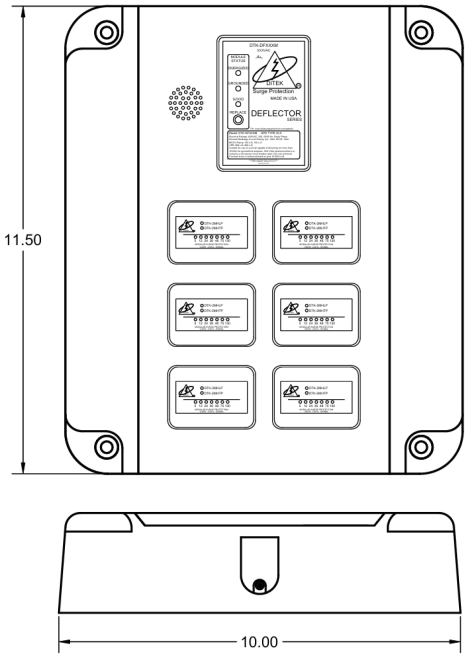
DITEK Surge Protection, Largo, FL 33771 • Sales: 800-753-2345
Diteksurgeprotection.com • SPS-100095-006 Rev 3 05/26

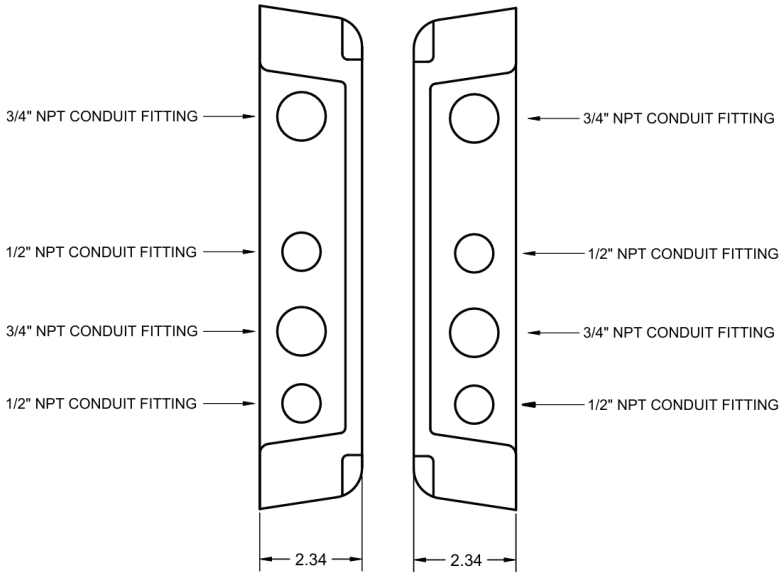
c UL us LISTED MADE IN USA

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.

DTK-240X12

240vac & Low Voltage Surge Protective Device





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

DITEK Surge Protection, Largo, FL 33771 • Sales: 800-753-2345
Diteksurgeprotection.com • SPS-100095-006 Rev 3 05/26

c UL us LISTED

MADE IN USA

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.