



## DTK-LC2

### 120VAC Line Conditioner with Surge Protection



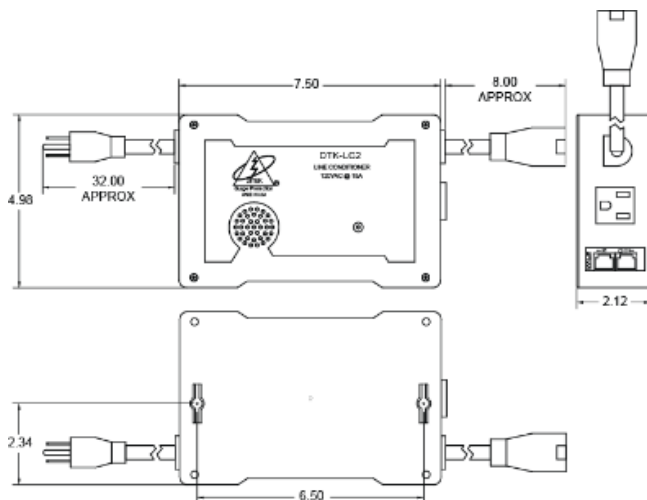
Visual, audible, smart. **DITEK's DTK-LC2** sets a new standard for 120V AC power filtering with surge protection. Its design provides superior EMI/RFI filtering as well as protection against incoming surges and spikes. The DTK-LC2 features an LED health status indicator, and sounds an audible alarm when protection has been compromised. Built-in Ethernet/PoE surge protection allows for additional protection of network cabling. This device can be wall mounted or placed on a table top.

#### Product Features

- Protects 120VAC single phase critical loads
- (2) NEMA 5-15R receptacles
- Corded receptacle to allow space for transformer use
- Audible alarm sounds when protection is compromised
- UL1283 EMI/RFI noise filtering ensures clean power for connected equipment
- LED health status indicator provides positive indication of system power, ground presence and protection status
- Ethernet/PoE protection provided for connected network circuits

#### Applications

- Copy Machines
- Office Equipment
- Home Automation Systems



#### Technical Specifications

<b>Voltage Configuration:</b>	120VAC Single $\Phi$ (2W + G)
<b>MCOV:</b>	150V
<b>Protection Modes:</b>	L-G, L-N, N-G
<b>Voltage Protection Rating:</b>	500V L-G, 1000V L-N, 1200 N-G
<b>Surge Current Rating:</b>	50,000A
<b>Max. Continuous Current:</b>	15A
<b>Nominal Discharge Current Rating (<math>I_n</math>):</b>	10kA
<b>Operating Frequency:</b>	50/60Hz
<b>EMI/RFI Filtering Attenuation:</b>	-34dB @ 20kHz -46dB @ 100kHz -64dB @ 150kHz -73dB @ 1.0MHz
<b>Audible Alarm dB Level:</b>	80dB @ 1' (MAX)

#### Mechanical Specifications

<b>Connection Method:</b>	NEMA 5-15P / (2) NEMA 5-15R
<b>Housing:</b>	ABS
<b>Operating Temperature:</b>	-32°F – 77°F (0°C – 25°C)
<b>Maximum Humidity:</b>	95% non-condensing
<b>Dimensions:</b>	7.5" L X 4.98" W x 2.12" H (190 mm x 126 mm x 54 mm)
<b>Weight:</b>	15.5 oz (0.44 kg)

#### Quality Standards & Approvals

<b>Certifications:</b>	UL1449 4 <sup>th</sup> Edition, UL1283 CSA C22.2 No. 269.3-17
<b>SPD Type:</b>	Type 3
<b>Warranty:</b>	10 Year Limited Warranty

