

# DTK-LC2

120VAC Line Conditioner with Surge Protection



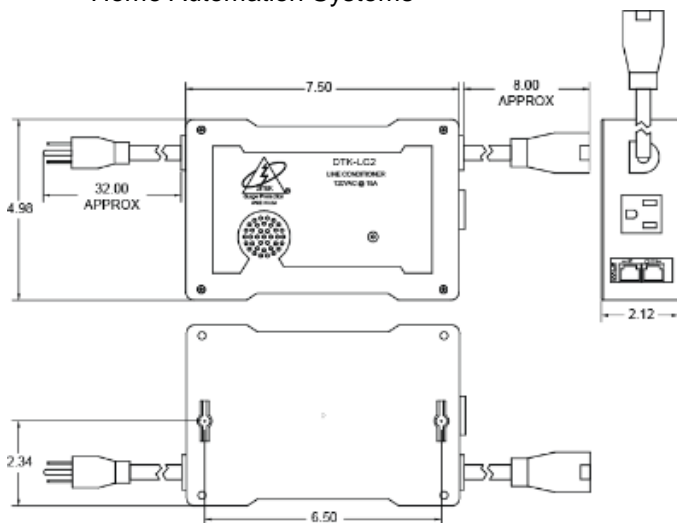
Visual, audible, smart. **DITEK's DTK-LC2** sets a new standard for 120V AC power filtering with surge protection. Its design provides maximum critical load protection by minimizing AC supply voltage spikes and isolating incoming surges that originate from lightning or other sources. The DTK-LC2 features an LED health status indicator that extinguishes and sounds an audible alarm when protection has been compromised. This device can be wall mounted or placed on a table top.

## Product Features

- Protects 120VAC Single Phase Critical Loads
- Output Corded Receptacle for "wall wart" use
- Audible alarm sounds when protection is compromised
- UL1283 EMI/RFI noise filtering ensures clean power for connected equipment
- LED health status indicator for power, ground and protection status
- Multi-stage hybrid circuit design for fast response and best protection
- Ethernet/PoE protection provided for connected loads

## Applications

- Copy Machines
- Office Equipment
- Home Automation Systems



## Technical Specifications

<b>Service Voltage:</b>	120VAC Single Phase
<b>MCOV:</b>	150VAC
<b>Protection Modes:</b>	L-G, L-N, N-G
<b>Voltage Protection Rating:</b>	500V L-G, 1,000V L-N, 1,200V N-G
<b>Surge Current Rating:</b>	50,000 Amps
<b>Max. Continuous Current:</b>	15 Amps
<b>Nominal Discharge Current Rating (In):</b>	10kA
<b>Operation Frequency:</b>	40Hz – 400Hz
<b>EMI/RFI Filtering Attenuation:</b>	-34dB @ 20kHz, -46dB @ 100kHz, -64dB @ 150kHz, -73dB @ 1.0MHz,
<b>Audible Alarm Sound Level:</b>	80dB @ 1' (MAX)

## Mechanical Characteristics

<b>Connection Method:</b>	NEMA 5-15P/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>	7.50"L x 4.98"W x 2.12"H (190mm x 126mm x 54mm)
<b>Weight:</b>	15.5oz (.44kg)

## Quality, Standards & Approval

<b>Agency Approvals:</b>	UL1449 Listed, cUL, UL1283
<b>SPD Type:</b>	Type 3 SPD
<b>Standards Compliance:</b>	IEEE C62.41.1 –2, IEEE C62.45
<b>Warranty:</b>	Ten Year Limited Warranty

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