



DTK-LC2

120VAC Line Conditioner with Surge Protection



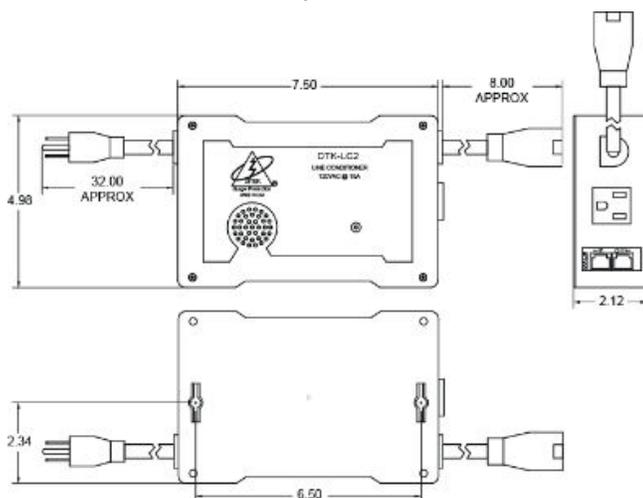
Visual, audible, smart. **DITEK's DTK-LC2** sets a new standard for 120V AC power filtering with surge protection. Its design provides superior EMI/RFI filtering as well as protection against incoming surges and spikes. The DTK-LC2 features an LED health status indicator, and sounds an audible alarm 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

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

Mechanical Specifications

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

Quality Standards & Approvals

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

