

Isolation Transformer-Based Power Conditioner - Superior line noise reduction and spike suppression

MODEL NUMBER: **IS250**



Description

Tripp Lite Isolator series isolation transformer-based power conditioners offer complete line isolation, continuous noise filtering and enhanced normal and common mode surge suppression. Internal low-impedance isolation transformer component with Faraday Shield offers 100% isolation from the input AC line. Secondary neutral to ground bonding eliminates common mode noise, providing an isolated ground reference for sensitive equipment and an inexpensive alternative to the installation of dedicated circuits and site electrical upgrades. Removes EMI/RFI noise, utility switching transients, background spikes generated by other on-site loads and utility or lightning related surge conditions. Additional surge suppression components placed at both the line input and transformer output combined with full line isolation offers continuous line filtering of a full range of power line noise in all modes. Continuous transformer filtering with no wearable parts uniquely reduces surges in the worst of power environments to harmless levels. Reduces 6000V IEEE C62.41 Cat A&B ring wave and combination wave test surges to only 0.5V common mode. Model IS250 offers 250 watts capacity with 2 widely spaced output receptacles, a 6-ft power cord, circuit breaker overload protection and lighted power switch. Rugged all-metal unit housing ships ready for upright tower or wallmount placement in industrial, medical, office or network environment.

PLUG/OUTLETS: Input: NEMA 5-15P/Output: 2 NEMA5-15R

ELECTRICAL: 120V AC, 60Hz, 2.1A, (Requires NEMA5-15R wall receptacle)

FORMAT: Upright tower with keyhole flanges for wall mount placement

ISOLATION: Transformer based line isolation with Faraday shield

Features

- Tripp Lite Isolator series isolation transformer-based power conditioners offer complete line isolation, continuous noise filtering and enhanced common mode surge suppression
- Supports combined loads up to 250 watts continuous/2.1A at 120V
- Isolation transformer with Faraday Shield offers 100% isolation from the input AC line

Highlights

- Complete line isolation, noise filtering and surge suppression is ideal for sensitive equipment
- 250 watts, 2 outlets, 6-ft. power cord
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Applications

- Offers fully isolated ground reference with enhanced surge and noise filtering for sensitive point of sale (POS) equipment, telecommunications systems, diagnostic testing and precise measurement devices, sophisticated CAD/CAM workstations, computer networking equipment and other pieces of sensitive electronic equipment.

Package Includes

- IS250 Isolation transformer system
- Instruction manual with warranty information



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

- Neutral to ground bonding at the secondary eliminates common mode noise and provides an isolated ground reference for sensitive equipment
- Isolation transformer design serves as an inexpensive alternative to the installation of dedicated circuits and site electrical upgrades
- Removes EMI/RFI noise, utility switching transients, background spikes and power problems generated by other on-site loads, utility grid-switching and lightning related surges
- Line isolation with additional surge suppression components offer continuous line filtering of a full range of power line noise in all modes
- Continuous transformer filtering with no wearable parts reduces surges in the worst of power environments to harmless levels
- Includes 2 widely-spaced NEMA5-15R output receptacles, 6 ft power cord, circuit breaker overload protection and lighted power switch
- Rugged all-metal housing ships ready for upright tower or wallmount installation

Specifications

OVERVIEW	
Efficiency	96%
Let-through Voltage (Combination Wave)	L-N: <130V L-G: <10V N-G: <0.5V IEEE C62.41 Cat. B
Let-through Voltage (Ring Wave)	L-N: <10V L-G: <10V N-G: <0.5V IEEE C62.41 Cat. A
Noise Suppression Rating	33-65dB normal mode; >80dB common mode
Nominal Voltage / Frequency	120V / 60Hz
Over Current Protection	Yes, 2A circuit breaker
Suppression Joule Rating	680 Joules
Surge Test Conditions	Per ANSI/IEEE C62.41 - (IEEE587) Cat. A & B test waveforms
Total Harmonic Distortion	less than 1%
VA / Watt Capacity	250
Transformer Type	Low impedance isolation transformer
OUTPUT	
Outlet Quantity / Type	2 NEMA 5-15R
Number of Outlets	2
Output Amp Capacity	2.1
INPUT	
Input Cord Length (ft.)	6
Input Cord Length (m)	1.83
Input Plug Type	NEMA 5-15P
PHYSICAL	
Shipping Dimensions (hwd / in.)	5.75 x 7.25 x 9
Shipping Dimensions (hwd / cm)	14.61 x 18.42 x 22.86



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Shipping Weight (lbs.)	13.7
Shipping Weight (kg)	6.21
Unit Dimensions (hwd / in.)	4.75 x 4.75 x 7.5
Unit Dimensions (hwd / cm)	12.07 x 12.07 x 19.05
Unit Weight (lbs.)	12.8
Unit Weight (kg)	5.81
Cooling Method	Convection
Receptacle Color	Black
Form Factors Supported	Tower
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty

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