



Model #: IS500

Isolation Transformer - Superior line noise reduction and spike suppression



Highlights

- Complete line isolation, noise filtering and surge suppression is ideal for sensitive equipment
- 500 watts, 4 outlets, 6-ft. power cord
- 2-year product warranty

Description

Tripp Lite Isolator series isolation transformers offer complete line isolation, continuous noise filtering and enhanced 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. Active transformer filtering with no wearable parts is uniquely able to reduce surges in the worst of power environments to harmless levels. Reduces 6000V IEEE587 Cat A&B ring wave and combination wave test surges to only 0.5V common mode. Model IS500 offers 500 watts capacity with 4 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. 2 year manufacturers warranty.

PLUG/OUTLETS: Input: NEMA 5-15P/Output: 4 NEMA5-15R

ELECTRICAL: 120V AC, 60Hz, 4.1A, (Requires NEMA5-15R wall receptacle)

FORMAT: Upright tower with keyhole flanges for wall mount placement

ISOLATION: Transformer based line isolation with Faraday shield

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

- IS500 Isolation transformer system
- Instruction manual with warranty information

Features

Tripp Lite Isolator series isolation transformers offer complete transformer-based line isolation, continuous noise filtering and enhanced common mode surge suppression

Supports combined loads up to 500 watts continuous/4.1A at 120V

Isolation transformer with Faraday Shield offers 100% isolation from the input AC line

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

Active filtering with no wearable parts reduces surges in the worst of power environments to harmless levels

Includes 4 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

2 year product warranty

Specifications

| | |
|--|--|
| INPUT | |
| Input cord length | 6.00 ft. / 1.83 m |
| PHYSICAL | |
| Cooling method | Convection |
| Overview | |
| Amp Capacity | 4.2A at 120V AC |
| Efficiency | 96% |
| Form Factor | Small tower format, wall mountable |
| Input Plug Type | NEMA 5-15P |
| Let-through Voltage (Combination Wave) | L-N: 250V L-G: 250V N-G: 0.5V |
| Let-through Voltage (Ring Wave) | L-N: 20V L-G: 20V N-G: 0.5V |
| Noise Suppression Rating | 35-65 DB |
| Nominal Voltage / Frequency | 120V / 60Hz |
| Output Receptacle Qty / Type | 4 NEMA 5-15R |
| Over Current Protection | Yes, 4.5A circuit breaker |
| Shipping Weight | 23.00 lbs. / 10.43 kg |
| Suppression Joule Rating | 680 Joules Total (510 joules input / 170 joules output) |
| Surge Test Conditions | Per ANSI/IEEE C62.41 - IEEE587 Cat. A & B test waveforms |
| Total Harmonic Distortion | less than 1% |
| Transformer Type | Low impedance transformer-based line isolation transformer |
| Unit Dimensions (HWD/in.) | 5.5 x 6.25 x 8.5 |
| VA / Watt Capacity | 500 |
| Warranty | 2 year warranty |