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Model #: IS500HG

Isolation Transformer - Medical Grade line noise reduction and spike suppression



Highlights

- Complete line isolation, noise filtering and surge suppression; ideal for sensitive equipment
- 500 watts, 4 outlets, 10-ft. power cord
- Hospital-grade plug and receptacles
- Leakage current less than 100 micoramps
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Description

Isolator Series UL60601-1 Listed Medical Grade Isolation Transformers offer line isolation, continuous noise filtering and enhanced common mode surge suppression. An internal low-impedance isolation transformer component offers 100% isolation from the input AC line. Full UL60601-1 medical-grade listing with hospital-grade plug and outlet receptacles makes Isolator medical-grade transformers ideal for protection of sensitive electronic equipment in patient-care areas. Faraday shield reduces the cumulative leakage current of the Isolator and connected equipment to levels less than 100 microamps. Secondary neutral-to-ground bonding virtually eliminates common mode noise, providing an isolated neutral-ground reference for sensitive equipment, and an inexpensive alternative to dedicated circuits and site electrical upgrades. Removes EMI/RFI noise, utility switching transients and harmonics generated by other on-site loads and utility or lightning related surge conditions. Active transformer filtering provides continuous common-mode noise rejection with no wearable parts. Unique ability 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 IS500HG includes 4 widely spaced NEMA 5-15R hospital-grade output receptacles, a 10-ft. power cord, hospital-grade input plug, circuit breaker overload protection, and lighted power switch. Rugged all-metal unit ships ready for placement in any industrial, medical, office or network environment.

PLUG/OUTLETS: Input - NEMA 5-15P Hospital Grade; Output - 4 NEMA 5-15R Hospital Grade ELECTRICAL: 120V AC, 60Hz, 2.1A (Requires NEMA 5-15R wall receptacle)

Package Includes

- IS500HG Isolation Transformer
- Instruction manual with warranty information

Features

- The IS500HG Medical Grade Isolation Transformer offers line isolation and continuous noise filtering
- Internal low-impedance isolation transformer with Faraday shield offers 100% isolation from the input AC line
- Full UL60601-1 medical-grade listing with hospital-grade plug and outlet receptacles makes Isolator Hospital Grade transformers ideal for the protection of sensitive electronic equipment in patient-care areas.
- Reduces the cumulative leakage current of the Isolator and connected equipment to levels less than 100 microamps.
- Secondary neutral-to-ground bonding eliminates common mode noise, providing an isolated ground reference for sensitive equipment
- Serves as an inexpensive alternative to dedicated circuits and site electrical upgrades
- Removes EMI/RFI noise, utility switching transients, load-generated harmonics and ground loops
- Active transformer filtering offers continuous common-mode noise rejection with no wearable parts; unique ability 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
- Includes 4 widely spaced NEMA 5-15R hospital-grade output receptacles, a 6-ft. power cord, hospital-grade input plug, circuit breaker overload protection and lighted power switch.
- Rugged all-metal unit housing; ships ready for upright tower placement in any industrial, medical, office or network environment

Specifications

| OVERVIEW | |
|--|---|
| Amp Capacity | 4.2A at 120V AC |
| Efficiency | 96% |
| Form Factor | Small tower format |
| Input Plug Type | NEMA 5-15P-HG |
| Leakage Current | Less than 100 microamps |
| 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 | 120 /60Hz |
| Output Receptacle Qty / Type | 4 NEMA 5-15R-HG |
| Over Current Protection | 1 X THERMAL, 2 POLE, ROCKER |
| Shipping Weight | 22.20 lbs |
| Total Harmonic Distortion | Less than 1% |
| Transformer Type | Medical-grade, low impedance transformer-based line isolation transformer |
| Unit Dimensions (HWD/in.) | 5.75 x 6.25 x 9.25 |
| VA / Watt Capacity | 500 |
| INPUT | |
| Input cord length (ft.) | 10 |
| Input cord length (m) | 3.05 |
| PHYSICAL | |
| Cooling method | Convection |
| Unit Dimensions (HWD/in.) | 5.75 x 6.25 x 9.25 |
| Unit Dimensions (HWD/cm) | 14.61 x 15.88 x 23.50 |
| CERTIFICATIONS | |
| Certifications | Tested to UL60601-1 |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?txtModelID=230.

Данный компонент на территории Российской Федерации**Вы можете приобрести в компании MosChip.**

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибуторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ Р В 0015-002 и ЭС РД 009

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