Tripp Lite
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Model #: ISOTEL

Isobar Surge Suppressor - Premium surge, spike and line noise protection

Highlights

- 4 outlets/6-ft. cord
- 2700 joule rating
- All metal housing
- Isolated filter banks
- Modem/fax surge protection
- $50,000 Ultimate Lifetime Insurance (USA, Puerto Rico & Canada only)

Description

For more than 20 years, America's leading companies have trusted Tripp Lite's Isobar Premium surge and noise suppressors to protect sensitive computer, networking and telecom equipment. With more than 14 million satisfied customers, the Isobar remains the world's #1 selling premium surge suppressor. Loaded with a generous combination of high quality components, near indestructible all-metal case, unique noise filtration system and built-in single line phone suppression for modems, the Isobar/Isotel series offers the highest level of protection attainable in a multi-outlet strip. Robust surge suppression circuits with sine-wave tracking offer extreme levels of protection against the heaviest surge conditions exceeding IEEE 587 category A & B specifications and reducing 6,000V test surges to harmless levels under 35 volts. Isobar's unique protection system combines large toroidal chokes, ferrite rod-core inductors, HF/VHF capacitors and multiple layers of metal oxide varistors into exclusive isolated filter banks that remove EMI/RFI interference, even noise generated by other pieces of connected equipment. ISOTEL offers 4 outlets arranged in two filter banks to prevent system crashes, reboots and performance problems common as noisy system peripherals are powered off and on. Surge suppression rated at 2700 joules/92,000 amps offers network-grade protection. Widely spaced NEMA 5-15 outlets accommodate up to 4 large transformer plugs without blocking outlets. Pair of RJ11 jacks offer single phone line surge suppression for modems, fax machines and cordless phones. Includes 6 foot AC line cord with space-saving angled input plug and keyhole mounting tabs. Lifetime warranty with $50,000 Ultimate Lifetime connected equipment insurance (USA & Canada Only).

PLUG/OUTLETS: Input: NEMA 5-15P/Output: 4 NEMA5-15R/6-ft. AC line cord

ELECTRICAL: 120V AC, 50/60Hz (Requires NEMA 5-15R wall receptacle)

SUPPRESSION: AC: 140V RMS Clamping/2700 joules/92,000 amps PHONE: Single line protection starts at 260V

FORMAT: Corded all-metal strip with transformer spaced outlets

Applications

- Ideal for premium AC and phone line protection for personal computers with peripherals, network and CAD/CAM/CAE workstations, internetworking accessories, telecommunications systems, point of sale equipment, audio/video and home theater systems in any home, office or industrial application.

Package Includes

- ISOTEL Surge Suppressor
- RJ11 telephone cable

- Instruction manual with warranty information

Features

- Tripp Lite's ISOBAR/ISOTEL is the world's #1 selling premium suppressor series with more than 14 million satisfied customers and a safety-tested history of 20+ years
- Robust surge suppression with sine-wave tracking protects against the heaviest of surge conditions, exceeding IEEE category A&B specifications and reducing 6,000V test surges to harmless levels less than 35 volts
- Multi-component suppression circuits combine torroidal chokes, ferrite rod-core inductors, HF/VHF capacitors and multiple layers of metal oxide varistors into exclusive isolated filter banks that remove EMI/RFI interference, even noise from other pieces of connected equipment
- Single phone line surge suppression protects modems, fax machines and cordless phones (2 wire, single line, RJ11 jacks)
- 4 outlets arranged in two filter banks prevent system crashes, reboots and performance problems common as noisy peripherals are powered off and on
- Network grade surge suppression rated at 2700 joules/92,000 amps
- Widely spaced outlets accommodate up to 4 large transformer plugs without blocking outlets
- Lighted power switch confirms power on/off status
- 6 foot AC line cord with space-saving angled input plug
- Keyhole mounting tabs allow permanent installation
- 120V AC, 50/60Hz electrical compatibility
- $50,000 Ultimate Lifetime Insurance (USA & Canada Only)
- Lifetime product warranty
- UL1449 listed - surge suppression (330V let-through), UL1283 listed - EMI protection, UL1363 listed - power tap, UL497A listed - communications suppression, cUL approved to Canadian standards, Complies with part 68 - FCC rules

Specifications

OVERVIEW	
Intended Application	Home/Office, Computer Networks
SYSTEM OVERVIEW	
Voltage compatibility (VAC)	120
OUTPUT	
Frequency compatibility	50 / 60 Hz
Output watts	1440
Output volt amp capacity (amps)	12
Outlet quantity / type	4 NEMA 5-15R
Transformer accommodation	Supports up to 2 large transformer plug accessories without covering remaining outlets
INPUT	
Recommended Electrical Service	120V (110-125V)
Input connection type	NEMA 5-15P input plug
Input plug features	Space-saving right angle input plug
Input cord length (ft.)	6
Input cord length (m)	1.8
LEDS ALARMS & SWITCHES	
Switches	Two position red illuminated on/off power switch
SURGE / NOISE SUPPRESSION	

AC suppression joule rating	2700
AC suppression response time	NM = 0 ns. CM =
Protection modes	Includes full normal mode (H-N) and common mode (N-G / H-G) line surge suppression
Clamping voltage (RMS)	140V
AC suppression surge current rating	92,000 amps (36,000 NM / 56,000 CM)
AC suppression components used	Metal oxide varistors, toroidal balanced chokes, ferrite rod-core inductors and VHF capacitors.
Safe thermal fusing	Prevents unsafe conditions during extreme extended over-voltages and catastrophic occurrences
UL1499 let through rating	330V - UL Verified
IEEE587 Cat. A ringwave let through	Less than 35 volts
EMI / RFI filtering	40-80 dB
Isolated filter banks	Unique isolated filter bank design offers additional filtering between each duplex pair of outlets on the strip to prevent electrical noise interference between connected loads. Includes 2 filter banks.
Immunity	Conforms to IEE 587 / ANSI C62.41
DATALINE SURGE SUPPRESSION	
Telephone/DSL Protection	Yes
Telephone/DSL Protection Details	1 line
Cable (Coax) Protection	No
Network (Ethernet) Protection	No
PHYSICAL	
Unit Dimensions (HWD/in)	2.5 x 6 x 3.5
Unit Dimensions (HWD/cm)	6.4 x 15.2 x 8.9
Material of construction	Metal
Integrated keyhole mounting tabs	Metal end caps are fitted with keyhole mounting tabs for wallmount installation
Receptacle Color	Black
AC line cord color	Gray
Style	Strip
SPECIAL FEATURES	
Appearance	Rugged all-metal corded strip format with high quality duplex receptacles
Right-Angle Plug	Yes
CERTIFICATIONS	

UL1449 3rd Edition (AC Suppression)	UL1449
UL1283 (EMI Filter)	UL1283
UL1363 (Power Tap)	UL1363
UL497A (Communications)	UL497A
FCC Part 68 (Communications)	FCC Part 68
cUL / CSA (Canada)	cUL
Industry Canada (Communications)	Industry Canada
Approvals	Exceeds IEEE 587 category A&B specifications
WARRANTY	
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	$50,000

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=102.

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