Isobar Surge Suppressor

Premium surge, spike and line noise protection



Model #: ISOTEL

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

KEY BUYING POINTS

- 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

TYPICAL 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

COMPLETE SPECIFICATIONS

SYSTEM OVERVIEW		
System overview:	ISOTEL premium surge and noise suppression system prevents equipment damage and performance problems resulting from damaging transient surges and line noise. Active filter network maintains noise-free output with zero reaction / response time. Includes single line phone surge suppression and cable. Rugged all-metal, mountable housing fitted with high quality duplex style output receptacles. 4 outlets, 2700 joules AC protection level, less than 35V let through voltage.	
Voltage compatibility:	120 VAC	
Frequency compatibility:	50/60 Hz	
OUTPUT		
Output volt amp capacity (amps):	12	
Output watt capacity (watts):	1440	
Outlet quantity / type:	4 NEMA 5-15R output receptacles, high quality duplex style	
Transformer accomodation:	Supports up to 2 large transformer plug accessories without covering remaining outlets	
INPUT		
Input connection type:	NEMA 5-15P input plug	
Input cord length (ft.):	6	
Input cord length (m):	1.8	
Recommended electrical service:	120V 15A	
LEDS ALARMS & SWITCHES		
Switches:	Two position red illuminated on/off power switch	
AC SURGE / NOISE SUPPRESSION		
Protection modes:	Includes full normal mode (H-N) and common mode (N-G / H-G) line surge suppression	
AC suppression joule rating:	2700 joules	
Clamping voltage (RMS):	140V	
AC suppression response time:	NM = 0 ns. CM = <1 ns	
AC suppression surge current rating:	92,000 amps (36,000 NM / 56,000 CM)	

capacitors. Safe thermal fusing: Prevents unsafe conditions during extreme extended overvoltages and catastrophic occurences 330V - U. Verified EEES87 Cat. A ringwave let through: Less than 35 volts 40-80 dB 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. DATALINE SURGE SUPPRESSION TEL / Modern line protection: Includes single line phone suppression via built-in RJ11 connectors, includes cable (260V clamping, center 2 wires protected) PHYSICAL Julit Dimensions (HWD/im): 6.4 × 15.2 × 8.9 Material of construction: Heagrated keyhole mounting tabs: Housing color: Gray Receptacle color: Black AC line cord color: Gray Jul1493 1938 Rev. (AC Suppression): Jul1493 1938 Rev. (AC Suppression): Jul1493 1938 Rev. (AC Suppression): Jul1497 A (Communications): ECC Part 68 (Communications): EVEC PART 68 (Communications): EVEL / CSA (Canada): Industry Canada (Communications): Exceeds IEEE 587 category A&B specifications WARRANTY Product warranty: Lifetime Connected equipment insurance (USA and Canada Canada Only): SPECIAL FEATURES	AC suppression components used:	Metal oxide varistors, toroidal balanced chokes, ferrite rod-core inductors and VHF
occurences 1.1.1499 let through rating: 2.2.11499 let through rating: 2.2.11499 let through rating: 2.3.30V - UL Verified 2.2.11499 let through: 2.2.21499 let through: 2.2.21499 let through: 2.2.21499 let through: 2.2.21499 let through: 2.2249 let throug	, , , , , , , , , , , , , , , , , , ,	
EEE587 Cat. A ringwave let through: EMI / RFI filtering: 40-80 dB 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. Conforms to IEE 587 / ANSI C62.41 DATALINE SURGE SUPPRESSION TEL / Modem line protection: Includes single line phone suppression via built-in RJ11 connectors, includes cable (260V clamping, center 2 wires protected) PHYSICAL Unit Dimensions (HWD/fin): 2.5 x 6 x 3.5 Unit Dimensions (HWD/fcm): 6.4 x 15.2 x 8.9 Material of construction: Extruded aluminum Integrated keyhole mounting tabs: Metal end caps are fitted with keyhole mounting tabs for wallmount installation Housing color: Gray Receptacle color: Black AC line cord color: CERTIFICATIONS UL1449 UL1283 UL1449 1998 Rev. (AC Suppression): UL1449 UL1283 UL1497A (Communications): UL1497A CCC Part 68 (Communications): FCC Part 68 (Communications): FCC Part 68 (Communications): Lindustry Canada (Communications): Exceeds IEEE 587 category A&B specifications WARRANTY Product warranty: Connected equipment insurance (USA and Canada Only): SPECIAL FEATURES	Safe thermal fusing:	
## AC Inc Cord Color: ## CERTIFICATIONS ## UL1449 ## L1483 ## L1484 ## L2883 ## L1484 ## L2883 ## L1484 ## L2883 ##	UL1499 let through rating:	330V - UL Verified
Solated 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. Conforms to IEE 587 / ANSI C62.41 DATALINE SURGE SUPPRESSION Includes single line phone suppression via built-in RJ11 connectors, includes cable (260V clamping, center 2 wires protected) 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: Extruded aluminum Integrated keyhole mounting tabs: Metal end caps are fitted with keyhole mounting tabs for wallmount installation Housing color: Gray Receptacle color: Gray CERTIFICATIONS UL1449 JUL1283 (EMI Filter): UL1498 JUL1283 (EMI Filter): UL1497A FCC Part 68 (Communications): FCC Part 68 (Communications): FCC Part 68 (Communications): Industry Canada (Communications): Exceeds IEEE 587 category A&B specifications WARRANTY Product warranty: Lifetime Connected equipment insurance (USA and Canada Only): SPECIAL FEATURES	IEEE587 Cat. A ringwave let through:	Less than 35 volts
outlets on the strip to prevent electrical noise interference between connected loads. Includes 2 filter banks. DATALINE SURGE SUPPRESSION FEL / Modern line protection: Includes single line phone suppression via built-in RJ11 connectors, includes cable (260V clamping, center 2 wires protected) PHYSICAL Julit Dimensions (HWD/In): 2.5 × 6 × 3.5 Julit Dimensions (HWD/Im): 6.4 × 15.2 × 8.9 Material of construction: Extruded aluminum Integrated keyhole mounting tabs: Metal end caps are fitted with keyhole mounting tabs for wallmount installation Housing color: Gray Receptacle color: Black AC line cord color: Gray Jul.1449 1998 Rev. (AC Suppression): Jul.1449 1998 Rev. (AC Suppression): Jul.1497 1998 Rev. (AC Suppression): Jul.1497 (Communications): Jul.1497	EMI / RFI filtering:	40-80 dB
DATALINE SURGE SUPPRESSION Includes single line phone suppression via built-in RJ11 connectors, includes cable (260V clamping, center 2 wires protected) PHYSICAL Unit Dimensions (HWD/in): 2.5 x 6 x 3.5 6.4 x 15.2 x 8.9 Material of construction: Extruded aluminum Integrated keyhole mounting tabs: Metal end caps are fitted with keyhole mounting tabs for wallmount installation Gray Receptacle color: Gray CERTIFICATIONS UL1449 UL1283 UL1491 1998 Rev. (AC Suppression): UL1449 UL1283 (Power Tap): UL1363 (Power Tap): UL497A CC Part 68 (Communications): FCC Part 68 (Communications): FCC Part 68 (Communications): Includes single line phone suppression via built-in RJ11 connectors, includes cable (260V clamping, center 2 wires protected) PHYSICAL Unit Dimensions (HWD/in): Unit Dimensions (HWD/in): 2.5 x 6 x 3.5 6.4 x 15.2 x 8.9 Extruded aluminum Metal end caps are fitted with keyhole mounting tabs for wallmount installation Gray Cray Certifications UL1449 UL1449 UL1449 UL1483 UL1491 UL1495 UL1497 CC Part 68 (Communications): UL497A FCC Part 68 (Communications): FCC Part 68 (Communications): Industry Canada Industry Canada Approvals: Exceeds IEEE 587 category A&B specifications WARRANTY Product warranty: Lifetime Connected equipment insurance (USA and Canada Only): SPECIAL FEATURES	Isolated filter banks:	outlets on the strip to prevent electrical noise interference between connected loads. Includes
Includes single line phone suppression via built-in RJ11 connectors, includes cable (260V clamping, center 2 wires protected) 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: Extruded aluminum Integrated keyhole mounting tabs: Metal end caps are fitted with keyhole mounting tabs for wallmount installation Housing color: Gray Receptacle color: Black AC line cord color: Gray CERTIFICATIONS UL1449 998 Rev. (AC Suppression): UL1449 UL1283 UL1449 1998 Rev. (AC Suppression): UL1363 UL1497 (Communications): UL497A FCC Part 68 (Communications): FCC Part 68 SUL / CSA (Canada): cUL Industry Canada (Communications): Exceeds IEEE 587 category A&B specifications WARRANTY Product warranty: Lifetime Connected equipment insurance (USA and Canada Only): SPECIAL FEATURES	Immunity:	Conforms to IEE 587 / ANSI C62.41
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Unit Dimensions (HWD/cm): 6.4 x 15.2 x 8.9 Material of construction: Integrated keyhole mounting tabs: Metal end caps are fitted with keyhole mounting tabs for wallmount installation Housing color: Gray Receptacle color: Black AC line cord color: CERTIFICATIONS UL1449 UL1283 UL1449 1998 Rev. (AC Suppression): UL1449 UL1283 UL1363 (Power Tap): UL497A CCC Part 68 (Communications): FCC Part 68 (Communications): FCC Part 68 (Communications): UL497A Industry Canada Approvals: Exceeds IEEE 587 category A&B specifications WARRANTY Product warranty: Connected equipment insurance (USA and Canada Only): SPECIAL FEATURES	PHYSICAL	
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UL1449 1998 Rev. (AC Suppression): UL1283 UL1363 (Power Tap): UL497A UL497A (Communications): FCC Part 68 (Communications): FCC Part 68 (Communications): UL497A UL497A FCC Part 68 (Communications): FCC Part 68 UL / CSA (Canada): Industry Canada Approvals: Exceeds IEEE 587 category A&B specifications WARRANTY Product warranty: Lifetime Connected equipment insurance (USA and Canada Only): SPECIAL FEATURES	AC line cord color:	Gray
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Approvals: Exceeds IEEE 587 category A&B specifications WARRANTY Product warranty: Lifetime Connected equipment insurance (USA and Canada Only): SPECIAL FEATURES	cUL / CSA (Canada):	cUL
WARRANTY Product warranty: Connected equipment insurance (USA and Canada Only): SPECIAL FEATURES	Industry Canada (Communications):	Industry Canada
Product warranty: Connected equipment insurance (USA and Canada Only): SPECIAL FEATURES	Approvals:	Exceeds IEEE 587 category A&B specifications
Connected equipment insurance (USA and Canada Only): SPECIAL FEATURES	WARRANTY	
Canada Only): SPECIAL FEATURES	Product warranty:	Lifetime
	Connected equipment insurance (USA and Canada Only):	Up to \$50,000
Appearance: Rugged all-metal corded strip format with high quality duplex receptacles	SPECIAL FEATURES	
	Appearance:	Rugged all-metal corded strip format with high quality duplex receptacles

The policy of Tripp Lite is one of continuous improvement.

Specifications are subject to change without notice.

Therefore, your product may vary slightly from what is currently listed.



Tripp Lite World Headquarters 1111 W. 35th Street Chicago, IL 60609 USA

> Customer Support (773) 869-1234

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