



REPOSITIONABLE OUTLETS

Islatrol® — SP-6TVN Industrial Strength Surge Suppression (Series)

The Islatrol® SP-6TVN is an industrial-strength surge suppression/filtering device that plugs into a standard duplex receptacle. It features uniquely designed repositionable outlets for easy installation behind desks and other furniture. It protects your sensitive home or office equipment, including TVs, home theaters, satellite dishes, computers, printers, copiers, and fax machines, from damaging power disturbances traveling through your wiring into your electrical outlets.

Features

- Plugs into standard 120 V, 15 Amp electrical outlet
- Total peak surge current capacity of 39,000 Amps
- Cables for telephone, video, and data connectors
- Repositionable outlets rotate to accommodate available space
- Perfect for tight spaces, behind furniture and appliances
- Intelligent monitoring against improper wiring/grounding
- 60 dB maximum high frequency
- Operational indicator lamp
- 5 year limited warranty

General Technical Specifications

AC Power Protection

Nominal Operating Voltage	120 VAC, Single Phase
Operating Voltage Range	120 VAC +/- 10%
Operating Frequency Range	47 – 63 Hz
Rated Output (Amps)	15 Amperes
ANSI/IEEE C62.41 Category	Category A & B
Connection Type	(6) 5-15R Receptacles and 5-15P Plug
Phase Configuration	2 Wire + Gnd
Size	7.5 x 4.75 x 1.75 (Inches)
Enclosure	High Impact Plastic
Weight	2.0 lbs (0.9 kgs)
Modes Of Protection	L – N, L – G, N – G
Indication of Suppression Status	Status Indicator
Response Time	< .5 ns Normal Mode
Certifications	UL 1449 Listed
Warranty	5 Year

Maximum Continuous Operating Voltage (MCOV)

Line to Neutral	130 VAC
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Peak Surge Current (8 x 20 ms)

Line to Neutral	13,000 Amps
Line to Ground	13,000 Amps
Neutral to Ground	13,000 Amps
Total	39,000 Amps

ANSI/IEEE C62.41 Cat A Ringwave (6 kV, 200 A, 100 kHz)

Normal Mode	265 V
Common Mode	290 V

ANSI/IEEE C62.41 Cat B Ringwave (6 kV, 500 A, 100 kHz)

Normal Mode	275 V
Common Mode	290 V

Frequency Response

Normal Mode	60 dB Maximum, forward/reverse, 100 kHz to 50 MHz
Common Mode	40 dB Maximum, forward/reverse, 5 MHz to 50 MHz

Low Voltage Protection

	Video 1 & 2	Phone	Network
Connection Type	Type "F"	Type RJ-11	Type RJ-45
Cables Provided	6 (2x) Type "F" 6' Ends	RJ-11 Male 6' Ends	RJ-45 Male Ends
Peak Surge Current	5 kA (8 x 20 μs)	2 kA (10 x 1000 μs)	3 kA (8 x 20 μs)
Capacitance	<12 pf	<50 pf	<70 pf
Protection Level	L-G	T-R, T-G, R-G	L-G (8 Lines)
Clamping Voltage (DC)	145 V	270-350 V	30 V
Attenuation	1 dB @ 2 GHz	N/A	N/A