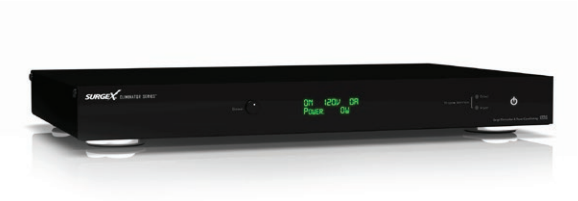
Residential Solutions

Every home theater deserves professional-grade protection



Home theater and residential applications require clean, safe power to perform at their peak. Protect your equipment like the pros with SurgeX.

Featuring patented Advanced Series Mode surge elimination and power conditioning technologies, our residential solutions are engineered to properly protect digital equipment from AC surges and electrical transients that can disrupt sound quality and digital performance.

Unlike common protection solutions, SurgeX technology is non-sacrificial and eliminates surge energy up to 6,000 volts, without producing harmful side effects such as ground contamination or common-mode disturbances that can degrade the performance of AV systems.

Our top-of-the-line residential solutions are the ultimate protection to safeguard audio video systems for optimal performance.

Features:

- Eliminates surge energy up to 6,000 Volts
- Improves audio and video performance
- 100% non-sacrificial components
- Advanced Series Mode® and Impedance Tolerant EMI/RFI filtering technologies
- COUVS® Catastrophic Over/Under Voltage Shutdown and ICE® Inrush Current Elimination technologies (XR315)
- A-1-1 certified

	Model Number	Plug Configuration		Description
		Input	Output	
	XR315	NEMA 5-15P	(8x) NEMA 5-15R	Surge Eliminator with Remote, 120V/15A, 8 Receptacles, 1U
	XR115	NEMA 5-15P	(8x) NEMA 5-15R	Surge Eliminator, 120V/15A, 8 Receptacles, 1U

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Technical Specifications	XR315	XR115
Load Rating	15 amps @ 120 volts	15 amps @ 120 volts
Power Requirement (no load)	15 watts	15 watts
Surge Let-Through Voltage (6000-volt surge)	0 volts	0 volts
UL 1449 Adjunct Classification Test Results	1000 surges, 6000 volts, 3000 amps, B3 pulse.	1000 surges, 6000 volts, 3000 amps, B3 pulse.
Measured suppressed voltage	170 volts, no failures	170 volts, no failures
Federal Guidelines	Grade A, Class 1, Mode 1 (CID A-A-55818)	Grade A, Class 1, Mode 1 (CID A-A-55818)
EMI/RFI Filter, Normal Mode (50-ohm load)	40 dB @ 100 kHz; 50 dB @ 300 kHz; 50 dB @ 3 MHz; 50 dB @ 30 MHz	40 dB @ 100 kHz; 50 dB @ 300 kHz; 50 dB @ 3 MHz; 50 dB @ 30 MHz
EMI/RFI Filter, Common Mode (50-ohm load)	18 dB @ 300 kHz; 30 dB @ 1 MHz; 50 dB @ 5 MHz; 50 dB @ 20 MHz	18 dB @ 300 kHz; 30 dB @ 1 MHz; 50 dB @ 5 MHz; 50 dB @ 20 MHz
Maximum Applied Surge Voltage	6000 volts*	6000 volts*
Maximum Applied Surge Current	Unlimited, due to current limiting*	Unlimited, due to current limiting*
Maximum Applied Surge Energy	Unlimited, due to current limiting*	Unlimited, due to current limiting*
Endurance (C62.41-1991 Category B3 pulses)	1 kV>500,000; 3 kV>10,000; 6 kV>1000	1 kV>500,000; 3 kV>10,000; 6 kV>1000
Undervoltage Shutdown	90 volts (resume at 100 v)	N/A
Overvoltage Shutdown	145 volts (resume at 135 v)	N/A
Maximum Load Inrush Current During Power-up	1000 Joules	N/A
Remote Turn-on Applied Voltage Range	5 to 30 volts DC	N/A
Remote Turn-on Current Draw:		
Contact Closure	1.5 mA	N/A
5 V DC Applied Voltage	0.1 mA	N/A
12 V DC Applied Voltage	1.5 mA	N/A
24 V DC Applied Voltage	5.0 mA	N/A
Auxiliary Relay Contact Rating	30 Volts at 1 Amp	N/A
LED Output	12 volts DC, maximum 20 mA (resistor required)	N/A
Dimensions	1.75" H x 19" W x 10.5" D (4.5 x 48.3 x 26.7 cm)	1.75" H x 19" W x 10.5" D (4.5 x 48.3 x 26.7 cm)
Weight	11 lbs (5 kg)	11 lbs (5 kg)
Temperature Range	5º to 35º C	5º to 35º C
Humidity Range	5% to 95% R.H., non-condensing	5% to 95% R.H., non-condensing
Agency Listings	ETL and cETL certified to (UL 1449; CSA C22.2 No.8-M1986, R2000)	ETL and cETL certified to (UL 1449; CSA C22.2 No.8-M1986, R2000)

* 1.2 x 50 µs pulse, industry standard combination wave surge, as per IEEE C62.41
** Specifications subject to change without notice.

This product, including its components and/or processes carried out thereby, are covered by one or more of the following:
U.S. Pat. No. 4,870,534. 4,870,528. 6,728,089. 6,744,613. 7,068,487. Can. Pat. No. 1,333,191. 1,332,439. Other Patents Pending.