

ACSPS-1502

Compact Surge Suppression Stick



Compact stick guards sensitive electronics.

Features

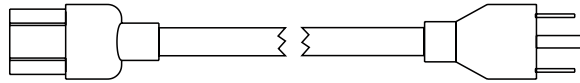
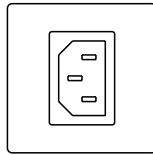
- Mounts behind flat screens, under counters, in a rack, on a shelf or virtually anywhere with universal mounting brackets
- Detachable IEC cord with NEMA 5-15P plug. Equipment to be protected simply plugs-in to 15A outlets (2) on the front of the unit.
- ETL Listed, ANSI C62.41 Compliant.
- Suppresses Line to Neutral - NO GROUND CONTAMINATION.
- Defeats surges up to 72,000A using TCR surge suppression technology.
- Includes 2 single outlets spaced for power supplies.
- Low profile chassis measures 12”L x 2”H x 2”D
- 10 Year Warranty
- IUL1449 3rd edition and ANSI C62.41 compliant
- Front LED’s provide visual verification of system status.
- On/off switch



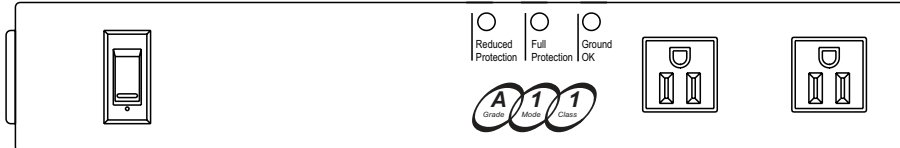
A & E Specifications

The 15A single-circuit surge suppressor shall be Lowell Model ACSPS-1502 with two single outlets. It shall be ETL Listed (UL 1449-3 adjunct) and endurance tested. It shall meet ANSI C62.41 and protect line to neutral without ground wire contamination. It shall be capable of protecting electronic equipment from transient voltages, spikes and surges. It shall include Lowell’s TCRTM surge suppression technology to defeat surges up to 72,000 amps and have a response time of less than 5 nanoseconds. It shall surface or rear rackmount using universal brackets provided. It shall include two single outlets. The front shall include three LED’s for visual ground verification and surge protection diagnostics. Termination shall be with detachable IEC cord with NEMA 5-15P plug.

Model	Description	Receptacles	H x W x L (inches)	On/Off Switch
ACSPS-1502	Surge suppressor	2 (15A)	2 x 2 x 12	Yes



6 foot IEC detachable cord with NEMA 5-15P plug



Performance

Operating Voltage / Current	120VAC / 15A, 60Hz
Maximum Surge Current	72,000A (exceeds UL1449-3 6000V, 3000A).
Initial Clamping Voltage	205V, UL rating 330V
Endurance	IEEE C62.41-1991, B3 (C1), Pulses (lifetime): 1kv≥1,000,000; 3kv≥100,000; 6kv≥5000
Transient Noise Reduction	29dB@100kHz, 70dB@1MHz
Response Time	Less than 5 nanoseconds
Temperature Range	25 degrees C (77 degrees F) nominal
Protection Mode	Line to neutral, zero ground leakage
UL1449-2 Adjunct Results	1000 surges, 6000 volts, 3000A, C1 and B3 waveforms (IEEE C62.41), No failures
Diagnostic LED's (Surge)*	Left (Green): On = Ground verified, Center (Green): On = Protection active, Right (Red): On = Protection reduced*.
Applicable Standards	IEEE standard 587-80 A & B, IEEE standard C62.41-1991, IEC 1000-4-5-1995 (IEC 801-5).
Safety Agency Approvals	ETL Listed. US and Canada

Mechanical

Dimensions / Weight	12"L x 2"H x 2"D / 3 lbs.
Input Connections	Detachable IEC cord with NEMA 5-15P plug
Output Connections	(2) Single 15A receptacles spaced for power supplies.
Chassis	Steel with black powder epoxy paint finish.
Mounting Options	(2) universal brackets for surface or rack installation.

*Lowell's Triple Clamping Redundancy (TCR) is exactly that - triple clamping for triple protection. This means that if one section of the suppressor has 'reduced protection', there are two additional sections available to safeguard equipment. The Ground Verified (Green LED), Protection Active (Green LED) should always be ON and the Reduced Protection (Red LED) should be OFF. In the unlikely event the Red LED illuminates; full suppression capability is NOT immediately or even necessarily compromised. The red LED indicates the Overall Life Expectancy of the unit MAY be reduced. Contact Lowell for repair or replacement under Lowell's TEN YEAR WARRANTY.