

Model: ACSPS-1502

CompAC Surge Suppressor 'STIC' – 15A Corded

Description:

Lowell's compAC 'STIC' Model ACSPS-1502 is a uniquely shaped surge suppressor STIC that is small, easy-to-conceal and easy to plug-in for safeguarding sensitive electronics including audio, video, broadcast, computer, DSP, sound recording/reinforcement equipment, and flat panel monitors / TV's. The 15-amp unit provides the highest current capacity available in devices of this size to protect multiple pieces of equipment on a single circuit. Most importantly; it offers the confidence of Lowell's industrial strength surge protection with zero failures and ten year warranty.

Lowell's CompAC STIC surge suppressor measures 12"L x 2"H x 2"D and is ETL Listed in the US and Canada. It is UL1449 third edition and ANSI C62.41 compliant to defeat surges up to 72,000A using Lowell's exclusive TCR™* surge suppression technology. The device features plug-in operation using a 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. Single outlets are spaced to accept power supplies. Two multi-mount brackets are included for versatile installation on a wall, behind a flat panel TV, under a counter, in the rear of a rack, on a shelf or virtually anywhere (see Dia.1). Front LED's provide visual verification of system status.

Features:

- Mounts behind flat screens, under counters, in a rack, on a shelf or virtually anywhere with Lowell's exclusive multi-mount brackets (2 - included).
- Offers more amperage - 15A (detachable IEC cord, NEMA 5-15P plug).
- ETL Listed, ANSI C62.41 Compliant.
- Suppresses Line to Neutral - NO GROUND CONTAMINATION.
- Defeats surges up to 72,000A using Lowell's exclusive TCR™ surge suppression technology.
- Includes 2 single outlets spaced for power supplies.
- Low profile chassis measures 12"L x 2"H x 2"D
- Ten Year Warranty.

A & E Specifications:

The 15A single-circuit surge suppressor shall be Lowell Model ACSPS-1502 with (2) 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 TCR™ 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 rack mount using multi-mount brackets and include (2) single outlets. The front shall include three LED's for visual ground verification and surge protection diagnostics. Termination shall be by detachable IEC cord with NEMA 5-15P plug.



COMPAC
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ACSPS-1502



Performance

Operating Voltage / Current	120VAC / 15A, 60Hz
Maximum Surge Current	72,000A (exceeds UL 1449-3 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) multi-mount brackets for surface or rack installation.

*Lowell's Triple Clamping Redundancy TCRTM 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.

Model	Description	Amperage	Outlets	Termination (5-15P plug)	Switch On/Off	NRTL Listing	Size (LxWxH)
ACSPS-1502	Surge Suppressor	15A	2 single	6 ft. IEC cord	Yes	ETL	12" x 2" x 2"

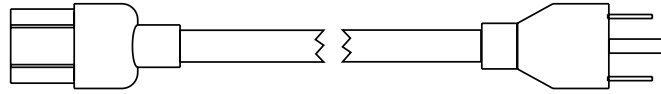
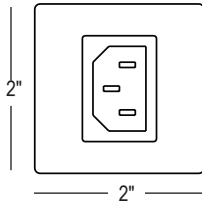
Spec. No. **1c-115**
(rev. 10.27.11)
pg. 1 of 2

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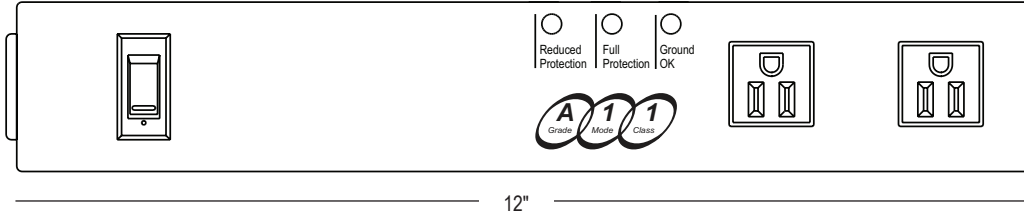
Lowell™

CompAC Surge Suppressor 'STIC' – 15A Corded

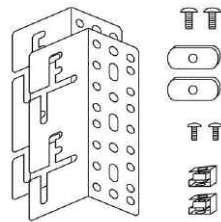
Dimensions



6-ft. IEC cord with NEMA 5-15P plug.



Multi-Mount Brackets



Brackets include multiple hardware sets for versatile installation (see Dia. A).

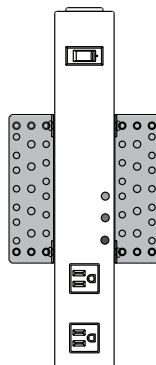
- (2) Brackets
- (2) 1/4"-20 x 1/2" screws
- (2) flat nuts
- (2) 10-32 x 1/2" screws
- (2) cage nuts

Multi-Mount Bracket Installation (Dia. 1)

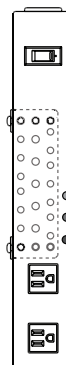


Versatile Multi-mount brackets mount to screws on the chassis. They are engineered to mount almost anywhere with brackets exposed or concealed.

Surface mount with exposed brackets



Surface mount with concealed brackets



Rack mount to rail supports or rear rail

