



Model No.

ACSP-1502-VTE

*US Patent No. D535178S

- Three stage surge protection
- Defeats surges to 72,000A
- Includes Over/Under Protection (VTE)
- Stand-alone unit with detachable cord

The compact advanced surge protector provides the highest current capacity available in devices of its size to protect multiple pieces of electronic equipment on a single circuit. It features industrial strength “zero failure” technology backed by a ten year warranty. The compact body has a very low profile and includes two mounting brackets for easy installation on a wall, under a counter, in a rack, or just about anywhere.



Includes detachable IEC cord with NEMA 5-15P plug and mounting brackets



Features

- TCR technology defeats surges up to 72,000 amps with zero failures.
- Suppresses line to neutral with no ground contamination.
- Over/Under protection (VTE) automatically turns receptacles off when line voltage drops below 100V or rises above 140V.
- Front LEDs provide system status
- Two 15A outlets with patented* plate that rotates 90° for front or side access.
- 6-ft. detachable IEC cord with NEMA 5-15P plug
- Mounting brackets allow versatile installation
- Low-profile chassis (1.75”H x 6”D x 9”W)
- ETL Listed, ANSI C62.41 Compliant
- Conforms to UL 1449-4
- 10 year warranty

A & E Specifications

The 15A single-circuit surge protector shall be Lowell model ACSP-1502-VTE with two single outlets. It shall be ETL Listed and conform to UL1449-4. 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 up to 72,000 amps and have a response time of less than 5 nanoseconds. It shall include mounting brackets and two 15A outlets mounted on a plate that can be rotated 90° for front or side access. It shall include LEDs for surge diagnostics. It shall also include over/under voltage shutdown protection when voltage drops below 100V or rises above 140V.

Mechanical Specifications:

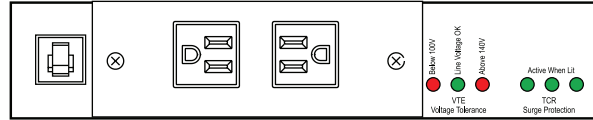
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|-------------------------|--|
| Dimensions | 9”W x 1.75”H x 6”D |
| Weight | 5 lbs. |
| Input Connections | Attached cord with NEMA 5-15P plug |
| Output Connections..... | (2) single 15A receptacles mounted on 90° rotatable plate* |
| Chassis | Steel with black powder epoxy finish |
| Mounting..... | (2) brackets |

Performance Specifications:

| | |
|---------------------------------|---|
| Operating Voltage/Current | 120VAC / 15A, 60Hz |
| Maximum Surge Current | 72,000A (exceeds UL1449-4 6000V, 3000A) |
| Initial Clamping Voltage | 205V, UL rating 400V |
| 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°C (77°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 |
| Federal GSA specs (1996) | Grade A, Class 1, Mode 1 |
| Diagnostic LEDs (surge)** | One green LED for each stage All stages active when all lit |
| Applicable Standards | UL1449-4, 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 |

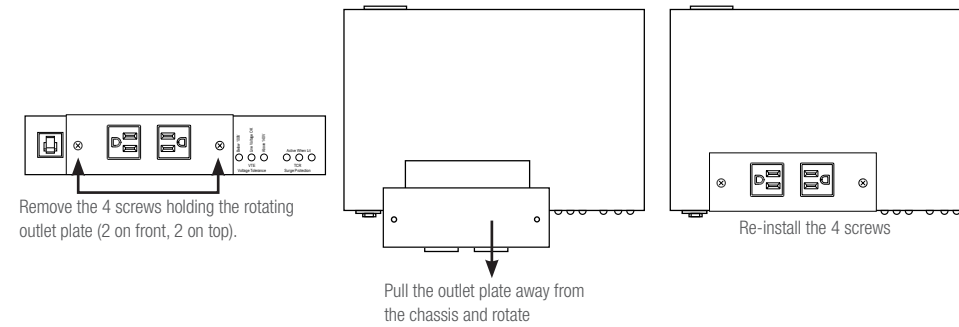
** TCR surge suppression technology provides the assurance of Grade A, Class 1, Mode 1 endurance and performance with visual diagnostic LEDs. Three stage SPD (surge protective device) has a green LED indicator for each stage to show on-line status. If one stage goes off-line, remaining stages still provide protection at the same clamping and surge levels. In the unlikely event that one or more stages goes off-line, contact Lowell for repair or replacement under the unit's ten year warranty.

Front Panel Layout

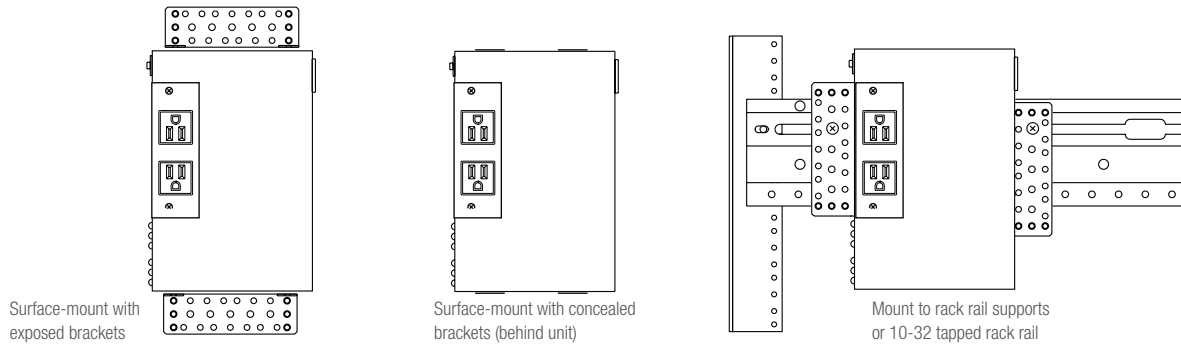


Rotating Outlet Plate*

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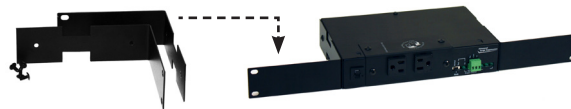


Installation Options with included mounting brackets



Optional Accessory

ACC-1ME Rackmount Ears: Brackets for standard 19" rackmount installation.



Model No. Summary

| Model No. | Description | Outlets | Amperage | Termination | Over/Under Protection | Chassis |
|---------------|--------------------------|---------|----------|---------------------------|-----------------------|-----------------|
| ACSP-1502-VTE | Advanced surge protector | 2 | 15A | 6 ft. detachable IEC cord | Yes | 9" x 1.75" x 6" |
| ACC-1ME | Rackmount ears (1-pr) | | | | | |