Zonit® Micro Automatic Transfer Switch — LV

- **Solves the problem of providing A-B dual power to single power supply equipment!**

- **Zero-U form factor uses no rack space!**

- **One uATS™ per device creates single point of failure to reduce risk!**
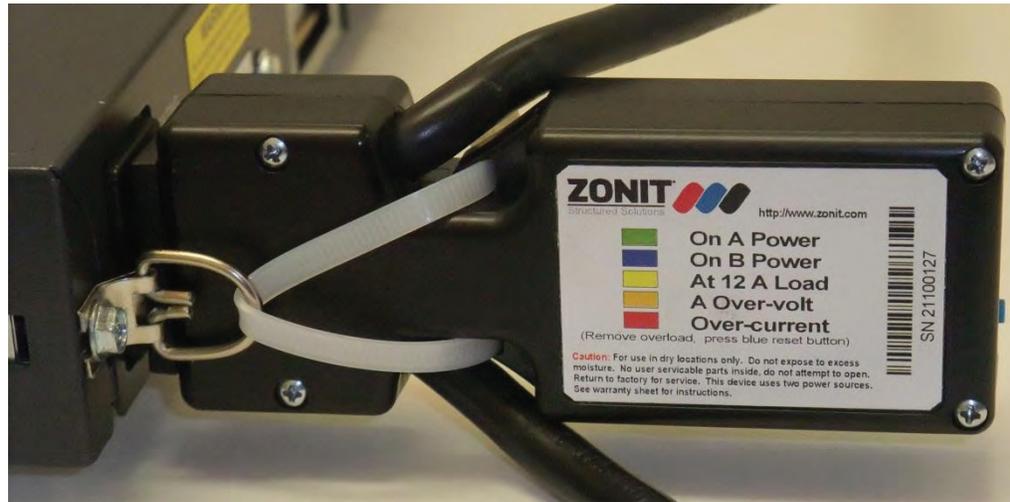
Model
µATS1-LV-515

Rated Capacity
120V, 12A

Switching Times
A to B : 12-14 ms
B to A : 6-8 ms

Maximum Power Usage
125 mA

Function Feedback
Multiple LED indicators provide feedback for A or B operation, maximum current load warning, over-voltage condition and over-current condition

No Dual Power Supply? No Problem!

The Zonit Micro Automatic Transfer Switch (µATS™) is the world's smallest and most efficient ATS. It solves the problem of feeding single power supply equipment with A-B redundant power. The µATS™ is based on unique patented and patent(s) pending technology and has many valuable applications in data center and network environments. It enables more reliable power delivery and highly efficient power distribution methodologies, based on its unique technologies, features and price point.

Function Summary

The µATS™ has two power cords that plug into two redundant power sources (A & B). The output is an IEC C13 receptacle that allows the µATS™ to connect directly to equipment in the rack or enclosure while saving valuable rack space. When operating, the µATS™ will draw from the A power source whenever it is available and of sufficient quality. The µATS™ will automatically switch to the secondary B power source whenever A fails or moves outside of acceptable voltage ranges. It will then switch back from B to A when the µATS™ determines A is of sufficient quality. The result of these power quality checks is maximum uptime and protection for the branch circuit and devices being powered by the µATS™.

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Selected Use Cases

The Zonit µATS™-LV:
Zero-U form factor consumes no valuable rack space!

Hospital Telco Rack

The client had 27 single powered switches in a rack. Due to price, buying dual powered devices did not fit in their budget. The concern was if they lost a rack mount ATS they would lose the telecom infrastructure for the whole hospital.

Zonit Solution – Placing 27 µATS™'s into the rack provided the highest degree of redundancy with no single point of failure. With this deployment the worst case scenario was losing half of a floor (one switch) vs. the whole hospital.

University Network Room

The client had 3 firewalls, 1 VPN appliance, and 1 core switch. All devices were single powered with no redundancy and scattered over several racks. A rack mount ATS could not power all of the equipment in different racks, would use too much rack space, and they did not want to introduce a single point of failure.

Zonit Solution – 5 µATS™'s placed with each device gave them a more redundant and reliable environment.

Financial Institution Wiring Closet

The client had 10 pieces of equipment in a closet and simply did not have the room for any rack mount automatic transfer switches.

Zonit Solution – 10 µATS™'s required no rack space and powered the equipment without introducing a single point of failure.

Colocation Data Center Built Out at Both 120V and 240V

The colocation data center was built 7 years ago with 120v and expanded new portion of facility to 240v. The client had numerous clients with legacy servers and single power corded equipment.

Zonit Solution – The colocation data center now provides µATS™'s to their existing clients with 120v single powered equipment as an added value service. This allows clients to fully leverage the redundant power infrastructure of the co-location facility.

Industries & Markets

- Health Care
- Telecom/Network
- Universities
- Co-location
- Retail
- Banking
- Building Management
- Cable Television
- Government

Testimonials

"This transfer switch truly is "micro". Transfers are fast and reliable."
- Martin R., Infrastructure Specialist

"The µATS™ is perfect for our single power supply devices for which uptime is critical!"
- Nathan K., Network Systems Administrator