

## C1W24VS-DEFA11A1 (Primary)

### C1X24VS-DEFA11A1 (Link)

The Server Technology® Switched PDU provides control of outlet power and local LED input current monitoring, allowing IT personnel to determine safe levels of loading on a per-phase basis while installing equipment into the rack/cabinet. The power data points, along with temperature and humidity measurements (provided via optional probes), are accessible through the built-in Web and CLI interfaces as well as through SNMP. The Switched “Primary” PDU can be connected to a Switched “Link” PDU to extend the network access to the redundant or secondary power feed.

## Key Features



### Network Monitoring

Gain access to valuable data through connections including HTTP(S), SSH, Telnet, SNMP, (S)FTP, SMTP, Syslog, LDAP(S), RS-232 serial, and more.



### Star Multi-Linking

Provides the ability to link up to four power circuits using one IP address. Primary link provides backup power to network card.



### Auto-Flip Current Display

Easy-to-read LEDs display current per phase to help prevent overloads and simplify three-phase load balancing in high-density cabinets.



### Outlet Control

On Switched rack PDUs, cycle power to individual outlets or groups of outlets to reboot servers. Or, power off unused receptacles.



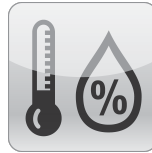
### Flexible Mounting

Includes standard button mounts along with provisions for custom mounting brackets (contact Server Technology for details).



### Hot-Swap Network Card

Network access is ensured when power is lost to the primary unit with backup power provided by the primary link unit.



### Temperature/Humidity Monitoring

Primary and Link units each support two external 10' (3m) T/H probes. Receive SNMP-based alerts and email notifications.



### Branch Circuit Protection

This PDU meets the UL and IEC 60950-1 requirement for branch circuit protection through use of UL489 rated magnetic-hydraulic circuit breakers or UL248 fuses.



### High Retention Locking Outlets

Receptacles have high retention and are compatible with P-Lock type power cords.



### Color Identification

Choose from six colors to designate circuits for rack PDUs in the data center. Color options include Blue, Red, Green, White, Yellow, and Black.

## Inputs

Input Voltage (V):	208
Frequency	50/60 Hz
Input Plug:	CS8365 3P+G 50A
Input Current (A):	50
Input Current Rated (A):	35
Input Power Capacity (kW):	12.5

## Outputs

Connector	Rating
(18) x IEC 60320/C13	North American Rating: ≤ 12A @208V L-L (15A Peak)
(6) x IEC 60320/C19	North American Rating: ≤ 16A @208V L-L (20A Peak)

## Branch Circuit Protection

(6) 20A Fuses, three (3) branch with tool-less retraction, meets UL 60950-1 requirements (Bussmann SC-20 fuses), 100 kA Interrupt Rating

## Physical

Dimensions: 69.0in tall x 1.75in wide x 2.25in deep [1753mm x 45mm x 58mm]

## Environmental

**Operating Environment:** 32°F to 122°F / 0°C to 50°C | 8%RH to 90%RH non-condensing | 6,500ft/2km elevation

**Storage Environment:** -40°F to 185°F / -40°C to 85°C | 8%RH to 90%RH non-condensing | 50,000ft/15km elevation

Quiescent / Unloaded Power Draw: < 10W for all configurations

## Communications & Security

10/100 Mbps Ethernet (RJ-45 connector), RS-232 serial (RJ-45 connector)

Two (2) temperature/humidity sensor inputs (4P4C), Link port (RJ-12) - {also on Link PDU}

Web-browser GUI and command-line interface (CLI): HTTP/HTTPS, TLSv1.2, SSHv2, Telnet, SNMPv2c and v3 (GET, SET, Traps), IPv4 and IPv6, LDAPv3/LDAPS, TACACS+, RADIUS, FTP/SFTP

## Certifications

### North American:

Safety (TUV certified, cTUVus mark)

UL Std. 60950-1, 62368-1

CAN/CSA-C22.2 No. 60950-1, CAN/CSA-C22.2 No. 62368-1

EMC

FCC Part 15 Subpart B Sections 15.107 & 15.109, Class A

CAN ICES-003, Class A

## Measurement Accuracy

### Input Measurement Accuracy:

LED Current = ± 10% at 0.1 amp (0.5 - 9.9 amps) and 1 amp (> 9.9 amps) resolution

GUI Current = ± 5% at 0.01 amp resolution (above 0.5 amp)

## Optional Accessories

EMTH-2-10 Combination Temperature/Humidity Probe, 10ft (3m)

EMCU-1-1C Environmental Monitor adding:

- Two (2) EMTH-2-10 temperature/humidity ports (one probe included)
- One (1) EMWS-1-1 water sensor port (probe sold separately)
- Four (4) dry contact (NO/NC) monitoring points
- One (1) 8-bit analog-to-digital converter (0 to 5VDC)

KIT-SUS-01 StartUp Stick™ for rapid configuration Mounting Brackets

- Buttons (KIT-0020) included for tool-less mounting (see diagram)
- See the Mounting Bracket Guide for further suggestions
- Custom mounting options available. Contact your local Server Technology representative

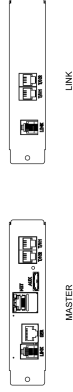
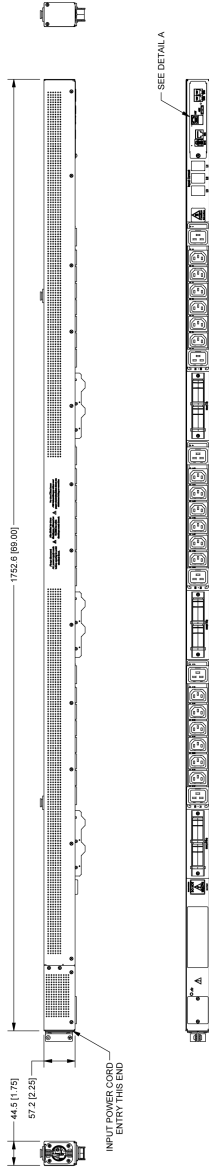
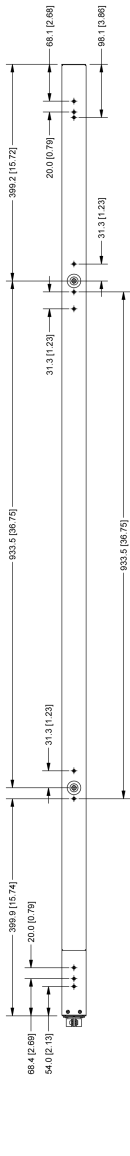
Cable Retention Devices for non-locking cords

- EZip
- Cable Sleeve

# Drawings

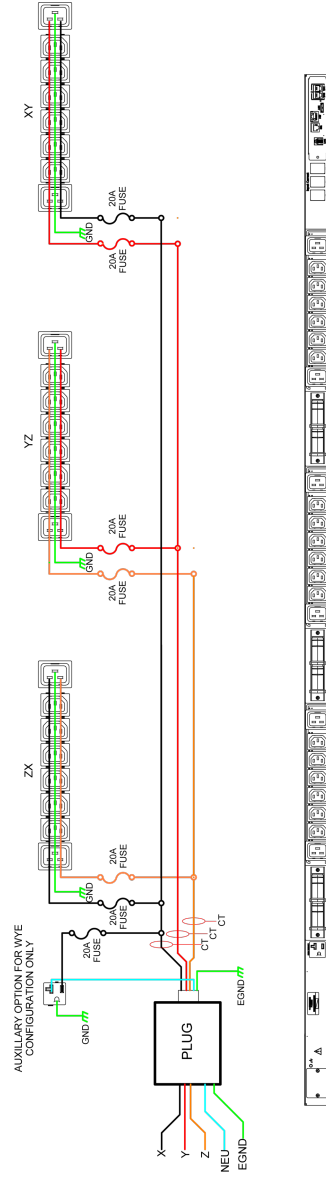
**NOTES:**

1. DIMENSIONS ARE IN MILLIMETERS AND [ ] BRACKETS ARE IN INCHES.
2. DIMENSIONS ARE NOMINAL INFORMATION SUBJECT TO CHANGE WITHOUT NOTICE.



**DETAIL A**  
NETWORK OPTIONS

- NOTES:**
1. SEE SIT QUALITY STANDARD #104-1006-1 FOR GENERAL REQUIREMENTS.



## Additional Information

**Warranty:** Server Technology offers a standard 2-year limited parts & labor warranty. Extended support is available at the time of purchase. See the Support Options on the website, or contact your local Server Technology representative for more information.

**Patents:** Information on Server Technology patents is available on the website at: [www.servertech.com/products/patents](http://www.servertech.com/products/patents)

"Global" models are typically for use in countries outside of North America. Contact your Server Technology representative for more information about which models are appropriate for your application.

Information in this document is current as of time of publishing. Contact your Server Technology representative for the most up-to-date information. This datasheet was generated on: 18-Oct-2021

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### North America Headquarters

1040 Sandhill Road  
Reno, Nevada 89521  
1-775-284-2000 Tel  
1-800-835-1515 Toll Free  
1-775-284-2065 Fax  
[sales@servertech.com](mailto:sales@servertech.com)  
[www.servertech.com](http://www.servertech.com)  
[www.servertechblog.com](http://www.servertechblog.com)

### EMEA Region

4th Floor, 25-26 Lime  
Street  
London, EC3M 7HR  
United Kingdom  
+44 20 7090 1390 Tel  
[salesint@servertech.com](mailto:salesint@servertech.com)

### Singapore

17 Neythal Road  
Singapore, 628582  
Singapore  
+65 6817 9017 Tel  
[salesint@servertech.com](mailto:salesint@servertech.com)

### India

210, Block B, Vipul Square  
Sushant Lok 1  
Gurgaon, Haryana 122002  
India  
+91 124 410 7881 Tel  
+91 124 410 7880 Fax  
[salesint@servertech.com](mailto:salesint@servertech.com)

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