

This all new Server Technology Basic PDU features RamLock, a self-locking, elbow-catch mechanism to prevent accidental cord disconnects on standard power cords along with HDOT Cx, a hybrid C13/C19 outlet that accepts either an IEC C14 or C20 plug. The PDU features dedicated HDOT C13 outlets and HDOT Cx which can be treated as either a C13 or C19 outlet. The Server Technology® Basic PDU provides reliable power distribution for installing IT equipment into the rack/cabinet.

## Key Features



### HDOT Cx Outlets

Cx is the future-ready UL tested hybrid of a C13 and C19 outlet accommodating both C14 and C20 plugs.



### RamLock Locking Outlets

A mechanical locking mechanism built to secure the broadest range of C14 and C20 plugs in place.



### Branch Circuit Protection

This PDU meets the UL and IEC 62368-1 requirement for branch circuit protection through UL 489 rated magnetic-hydraulic circuit breakers or UL 248 fuses.



### High Temperature Rating

This product has been tested and approved for safe and reliable operation in 60 °C data center environments.



### Flexible Mounting

Includes standard button mounts along with provisions for custom mounting brackets.



### Color-Coded Options

Select from six colors to designate PDU circuits in the data center — black, white, red, green, blue, and yellow.

## Inputs

|                            |              |
|----------------------------|--------------|
| Input Voltage (V):         | 208          |
| Frequency                  | 50/60 Hz     |
| Input Plug:                | NEMA L15-20P |
| Input Current (A):         | 20           |
| Input Current Rated (A):   | 16           |
| Input Power Capacity (kW): | 5.8          |

## Outputs

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

Outlet #1 opposite the power input

## Branch Circuit Protection

UL 489, CSA C22.2 No. 5 & IEC/EN 60947-2 Compliant 2-pole, 20A trip circuit breakers, three (3) branch, rating: ≤ 16A, 10 kAIC Interrupt Rating

## Physical

Dimensions: 70.0in tall x 2.2in wide x 2.5in deep [1778mm x 56mm x 64mm]

## Environmental

**Operating Environment:** 32°F to 140°F / 0°C to 60°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

Not Applicable

## Certifications

### North American:

Safety (Listed & Certified, cTUVus mark)

UL 62368-1

CSA C22.2 No. 62368-1

## Optional Accessories

PDU Linking/Cascading uses standard RJ45 cables.

Button Mounts (KIT-0020) are included with vertical PDUs for tool-less mounting (see diagram).

Horizontal PDUs will include a set of RU mounting brackets. See the Mounting Bracket Guide for further suggestions.

### USB Dongle Accessories\*:

Wi-Fi Access (DX2-WIFI-USB)

KVM and Serial Access (DSER-PWR-USB-G4, DSER-CLI-USB-G4)

### Legrand SmartSensors\*:

Temperature (DX2-T1)

Temperature and Humidity (DX2-T1H1, DX2-T2H2, DX2-T3H1)

Temperature and Differential Air Pressure (DX2-T1DP1)

Airflow (DX2-AF1)

Dust/Particles (DX2-PS)

Water/Leak Floor (DX2-WSF-35-KIT, DX2-WSF-70-KIT, DX2-WSF-100-KIT)

Water/Leak Rope (DX2-WSC-35-KIT, DX2-WSC-70-KIT, DX2-WSC-100-KIT)

Dry Contact (DX2-D2)

Dry Contact/Contact Closure (DX2-D2C6)

Powered Dry Contact (DX2-PD2)

Powered Dry Contact/Contact Closure (DX2-PD2C5)

Contact Closure (DX2-CC2)

Proximity/Motion and Tamper (DX2-PIR)

Vibration (DX2-VBR)

Sensor Hub (DX2-ENVHUB4)

### Legrand SmartLock\*:

Intelligent Door Sensor (DX2-DH2C2)

Supports multiple low- and high-frequency door handles.

### Legrand Asset Management\*:

Asset Management Sensor Strip for 42U rack (AMS2-42)

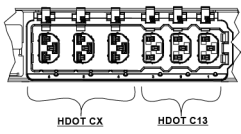
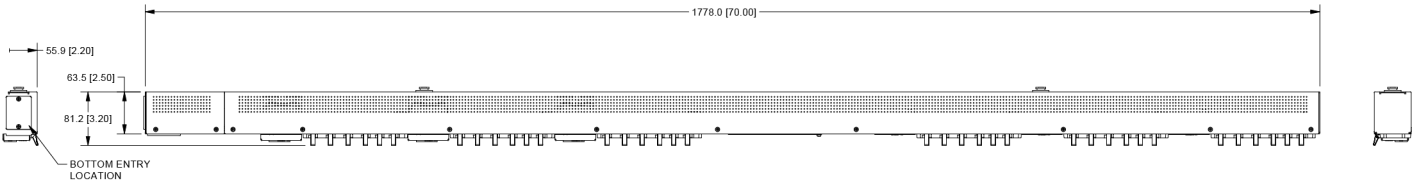
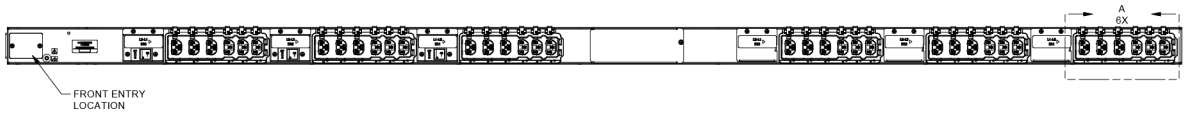
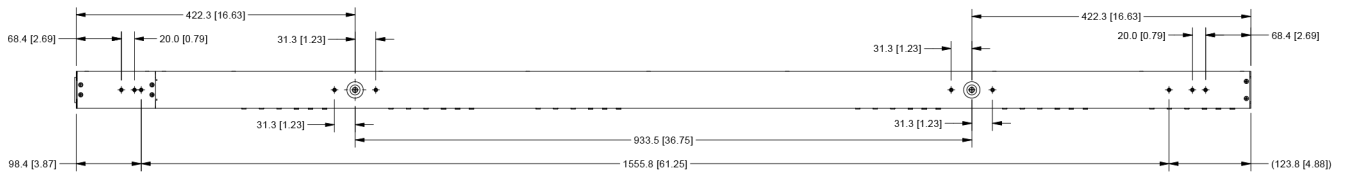
Asset Management Sensor Strip for 45U rack (AMS2-45)

Asset Management Sensor Strip for 48U rack (AMS2-48)

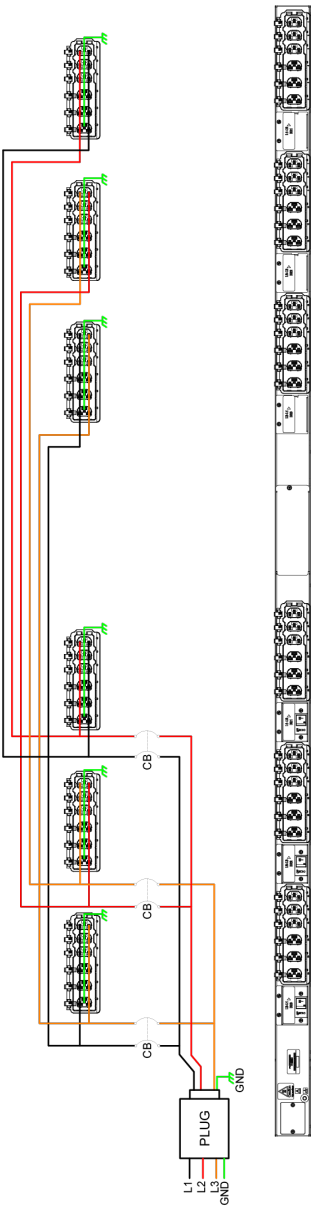
Asset Management Sensor Strip for 54U rack (AMS2-54)

\*Connecting certain accessories may require a firmware update. Accessories are sold separately.

# Drawings



DETAIL A  
SCALE 0.36 : 1



## 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.

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