# C3W36RL-5CJE2MT2

This all new Server Technology PRO3X Switched PDU features RamLock HDOT outlets running with the Xerus Technology Platform's state of the art network interface module. Server Technology's unique RamLock, a self-locking, elbow-catch mechanism to prevent accidental cord disconnects on standard power cords. The PDU features HDOT outlets which are dedicated C13 outlets, while the other HDOT Cx outlets can be treated as either a C13 or C19 outlet. This innovative PDU combines input power and branch current monitoring, and outlet control and supports Legrand plug-and-play sensor types like temperature, humidity, water, dry contact closure, airflow, air pressure differential, and more. No description available.

## 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.

**Multi-Unit Linking & Cascading**
Daisy chain up to 16 PDUs from a primary PDU using a USB or Ethernet connection through a single IP address.

**Hot Swappable Controller**
The Controller is the PDU's center of intelligence and houses computing, display, and connectivity ports.

**Environmental Monitoring**
Support up to 12 daisy chained DX2-series SmartSensors, each with the ability to send SNMP-based alerts and email notifications.

**Branch Current Monitoring**
Monitors current at each breaker branch and provides SNMP-based alerts and emails on high usage that risks a tripped circuit.

**Outlet Control**
On Switched 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.

**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.

**Multi-Color LCD**
An easy-to-read LCD provides a local indication of power usage, alerts, and alarms.

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

**Per-Inlet Power Sensing**
PIPS® (Per Inlet Power Sensing) Monitors Current Load (A), Voltage (V), Power (W), Apparent Power (VA), Crest Factor, Power Factor, & Energy per inlet.

**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.

**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): | 415 |
| Frequency | 50/60 Hz |
| Input Plug: | NEMA L22-30P |
| Input Current (A): | 30 |
| Input Current Rated (A): | 24 |
| Input Power Capacity (kW): | 17.3 |

## Outputs

| Connector | Rating |
|---|---|
| (18) x IEC 60320/C13 | North American Rating: ≤ 12A @240V L-N (15A Peak) |
| (18) x Cx | North American Rating: ≤ 16A @240V L-N (20A Peak) |

Outlet #1 opposite the power input

## Branch Circuit Protection

UL 489, CSA C22.2 No. 5 & IEC/EN 60947-2 Compliant 1-pole, 20A trip circuit breakers, six (6) branch, rating: ≤ 16A, 10 kAIC (North America) / (5 kAIC ROW) 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

Dual Ethernet, Two (2) 10/100/1000 Mbps (Cat5e/6 connector), Optional WiFi (802.11 a/b/g/n)
One (1) Sensor port (RJ45), One (1) Aux port (6P6C), One (1) Console/Modem port (RJ45), One (1) USB-A and One (1) USB-B 10/100/1000 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, RADIUS, FTP/SFTP

## Certifications

**North American**:
Safety (Listed & Certified, cTUVus mark)
  UL 62368-1
  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 (0.3 - 9.9 amps) and 1 amp (> 9.9 amps) resolution
GUI Current = ± 1% at 0.01 amp resolution (above 0.25 amp)
Voltage = ± 1% at 0.1 volt resolution (nominal ± 10%)
Active Power = ± 1% at 1 watt resolution
Apparent Power = ± 1% at 1 volt-amp resolution
Power Factor = ± 3% at 0.01 resolution
Crest Factor = ± 10% at 0.1 resolution
Energy = ± 1% at 0.1 kilowatt-hour resolution

## 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*:**

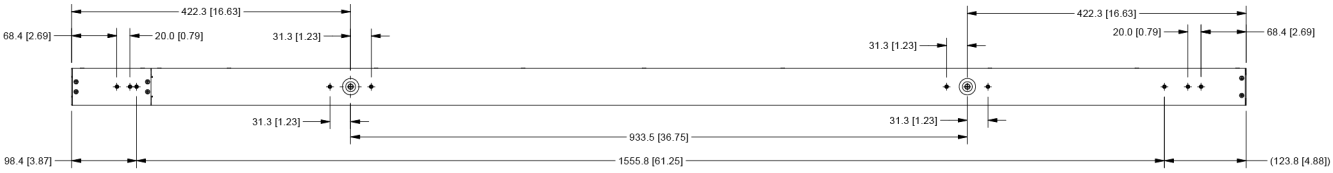
Intelligent Door Sensor (DX2-DH2C2)
Supports multiple low- and high-frequency door handles.

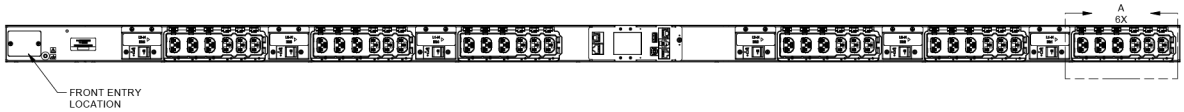
**Legrand Asset Management*:**

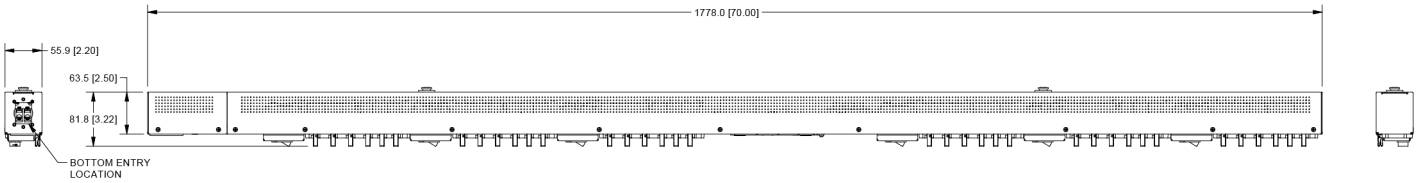
Asset Management Sensor Strip for 42U rack (AMS2-42)
Asset Management Sensor Strip for 45U rack (AMS2-45)
Asset Management Sensor Strip for 48U rack (AMS2-48)
Asset Management Sensor Strip for 54U rack (AMS2-54)

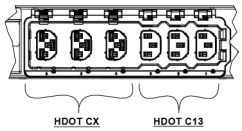
*Connecting certain accessories may require a firmware update. Accessories are sold separately.

# Drawings




DETAIL A
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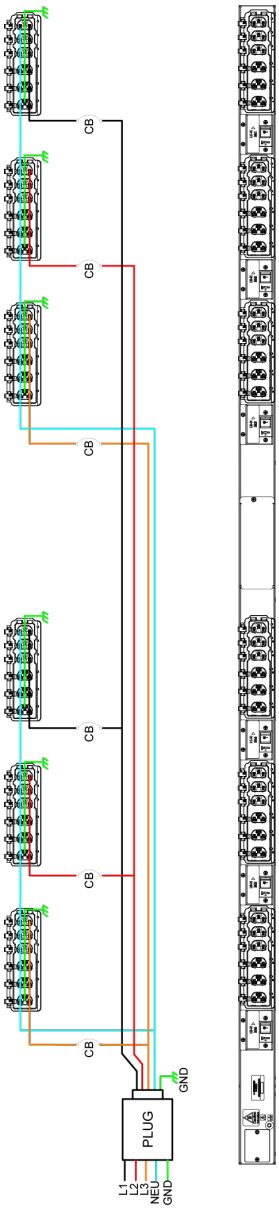

## Additional Information

**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

"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: 27-Apr-2024

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