C3WG36RL-4NJE2MT2

This all new Server Technology PRO3X Switched POPS 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 and outlet power monitoring, 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.

Per-Outlet Power Sensing
POPS® (Per Outlet Power Sensing) Monitors Current Load (A), Voltage (V), Power (W), Apparent Power (VA), Crest Factor, Power Factor, and Energy per outlet.

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.

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 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.

Inputs

Input Voltage (V):	400
Frequency	50/60 Hz
Input Plug:	230/400V Wye 16A IEC 60309 3P+N+PE 6Hr
Input Current (A):	16
Input Current Rated (A):	16
Input Power Capacity (kW):	11.0

Outputs

Connector	Rating
(18) x IEC 60320/C13	Global Rating: ⩽ 10A @230V L-N
(18) x Cx	Global Rating: ⩽ 16A @230V L-N

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

Global:
Safety
EN IEC 62368-1 (TUVR certified, T-mark)
IEC 62368-1 incl. regional, national and harmonized differences (IECEE CB scheme) EMC
EMC
EN 55032 / CISPR 32
EN 55035 / CISPR 35
EN 61000-3-2 / IEC 61000-3-2
EN 61000-3-3 / IEC 61000-3-3

CE Mark
2011/65/EU (RoHS Directive)
2014/35/EU (Low Voltage Directive)
2014/30/EU (EMC Directive)
UKCA Mark
RoHS
Electrical Equipment (Safety)
Electromagnetic Compatibility

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

Output Measurement Accuracy
GUI Current = ± 1% at 0.01 amp resolution (above 0.15 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 1 watt-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*:

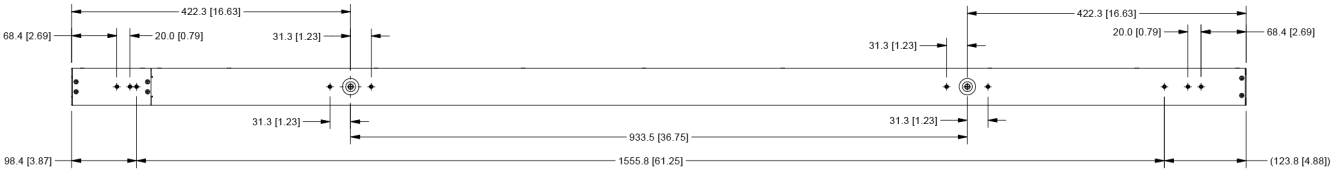
Intelligent Door Sensor (DX2-DH2C2)
Supports multiple low- and high-frequency door handles.

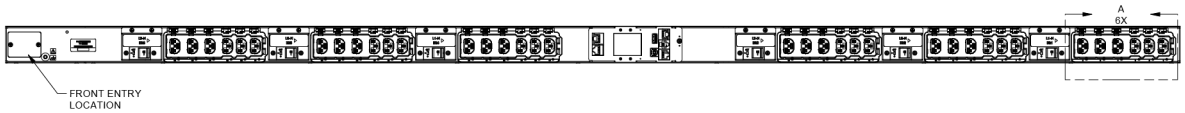
Legrand Asset Management*:

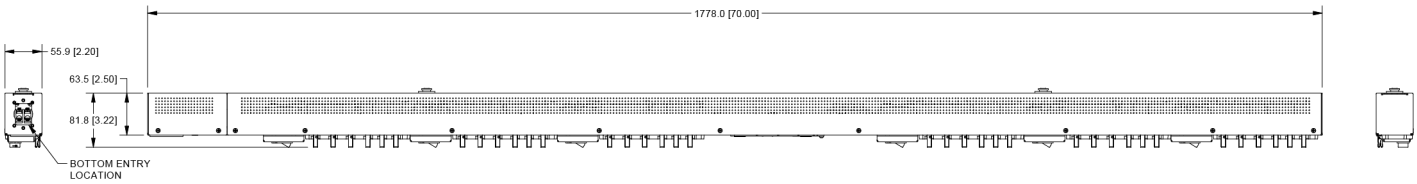
Asset Management Sensor Strip for 42U rack (AMS2-42)
Asset Management Sensor Strip for 45U rack (AMS2-45)
Asset Management Sensor Strip for 48U rack (AMS2-48)
Asset Management Sensor Strip for 54U rack (AMS2-54)

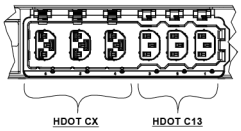
*Connecting certain accessories may require a firmware update. Accessories are sold separately.

Drawings









DETAIL A
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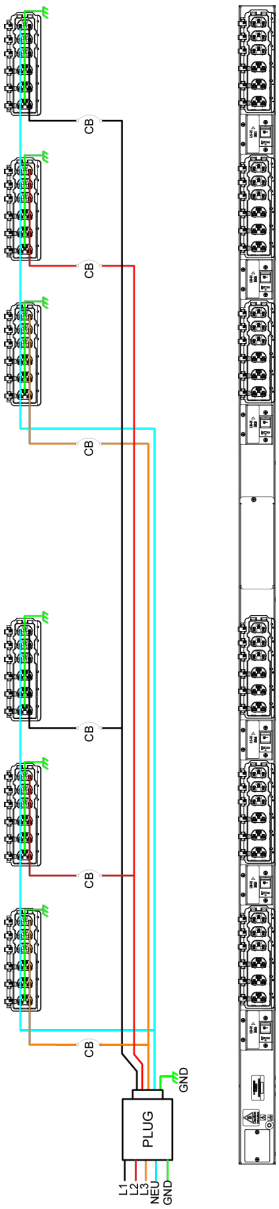

Additional Information

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: 22-Jul-2024

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To contact an expert in your region, go to www.servertech.com/about-us/office-locations for more information.