

This all new Server Technology PRO3X Smart 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 network 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 supports Legrand plug-and-play sensor types like temperature, humidity, water, dry contact closure, airflow, air pressure differential, and more.

## Key Features



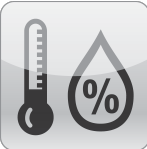
**HDOT Cx**  
Cx is the future ready UL tested hybrid of the C13 and C19 outlets accommodating both C20 and C14 plugs.



**Multi Primary Linking**  
Multi-Linking Max 16 PDUs can be daisy chained using a USB or Ethernet connection.



**Hot-swap Controller**  
100% Field Replaceable while hot, no risk of short circuits, finger safe replacement in the unlikely event of an outage.



**Environmental Monitoring**  
PRO3X units support a maximum of 12 daisy-chained Raritan DX2 sensor packages. Receive SNMP-based alerts and e-mail 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.



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



**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.



**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.



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



**RamLock Locking Outlets**  
Receptacles have high retention and are compatible with P-Lock type power cords.



**Per-Inlet Power Sensing**  
Meets ANSI C12.1 for billing-grade accuracy of Current per phase. PIPS includes voltage, active power, apparent power, power factor, and energy.



**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.



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

## Inputs

|                            |                                   |
|----------------------------|-----------------------------------|
| Input Voltage (V):         | 208                               |
| Frequency                  | 50/60 Hz                          |
| Input Plug:                | 208V Delta 60A IEC 60309 3P+G 9Hr |
| Input Current (A):         | 60                                |
| Input Current Rated (A):   | 48                                |
| Input Power Capacity (kW): | 17.3                              |

## Outputs

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

## Branch Circuit Protection

UL 489, CSA C22.2 No. 5 & IEC/EN 60947-2 Compliant 2-pole, 20A trip circuit breakers, six (6) branch, rating:  $\leq 16A$ , 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

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

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 (TUV certified, cTUVus mark)

UL Std. 62368-1

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:

Input Measurement Accuracy

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

GUI Current =  $\pm 1\%$  at 0.01 amp resolution (above 0.5 amp)

Voltage =  $\pm 1\%$  at 0.1 volt resolution (nominal  $\pm 10\%$ )

Active Power =  $\pm 1\%$  at 1 watt resolution

Apparent Power =  $\pm 1\%$  at 1 volt-amp resolution

Power Factor =  $\pm 3\%$  at 0.01 resolution

Crest Factor =  $\pm 10\%$  at 0.1 resolution

Energy =  $\pm 1\%$  at 0.1 kilowatt-hour resolution

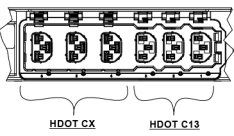
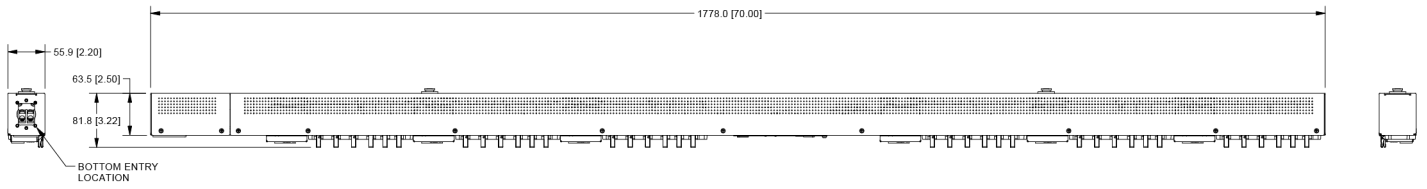
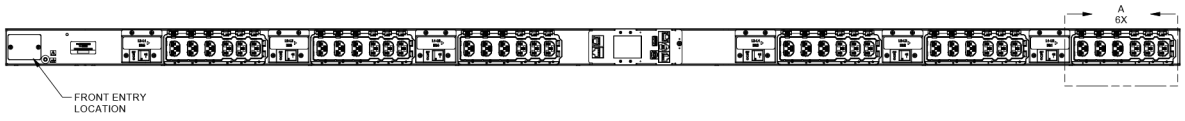
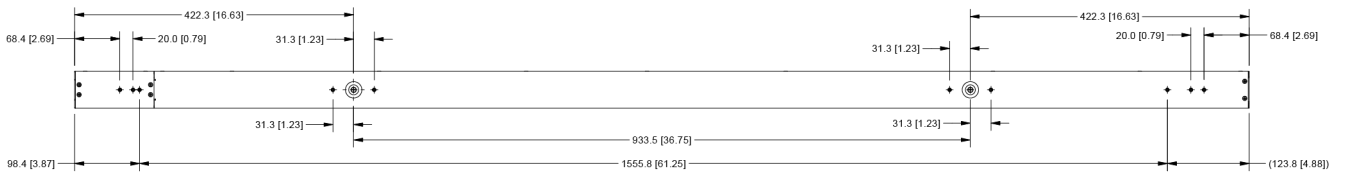
## **Optional Accessories**

Raritan SmartSensor: Temperature (DX2-T1), Temperature and Humidity (DX2-T1H1, DX2-T2H1, DX2-T2H2, DX2-T3H1), Dual Contact Closure (DX2-CC2), and Intelligent Door Sensor (DX2-DH2C2)

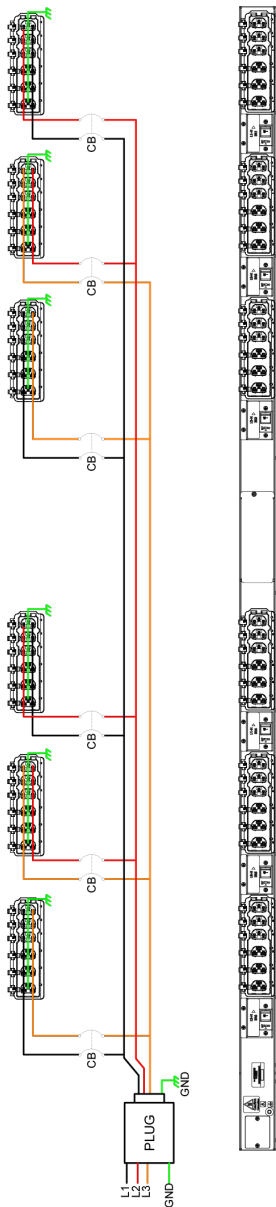
Buttons (KIT-0020) included for tool-less mounting (see diagram)

See the Mounting Bracket Guide for further suggestions

# 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.

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: 26-Sep-2022

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